

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 X: New York

DIVISION OF HYDROLOGIC SERVICES

HYDROMETEOROLOGICAL SECTION

In cooperation with

CORPS OF ENGINEERS, U. S. ARMY



WASHINGTON, D. C.

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

### INTRODUCTION

This report which is one of a planned series covering the entire United States, was prompted by the long-standing and widespread interest in maximum observed precipitation amounts for durations of 24 hours and under. At least two summaries of this type of data have already been 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-

cords, 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 antecedent nonrecording-gage records. Although

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

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

A. E. Brown, Jr. was the Project Leader for New York. James L. Keister compiled the data which was then checked by Obie Y. Causey, John T. Lindgren, Cora Ludwig, and Harlan H. Vinnedge. Marian I. Hammer typed the manuscript.

Table 1. - Maximum monthly precipitation amounts for New York

| Duration<br>(hours) | Amount | Location          | Date       | Duration  | Amount | Location           | Date       |
|---------------------|--------|-------------------|------------|-----------|--------|--------------------|------------|
| JANUARY             |        |                   |            | JULY      |        |                    |            |
| 1                   | 0.70   | New York WB city  | 1/1923     | 1         | 3.28   | Larchmont          | 27/1942    |
| 22                  | 1.23   | Spring Valley     | 14/1940    | 2         | 4.98   | Larchmont          | 27/1942    |
| 3                   | 1.74   | Spring Valley     | 14/1940    | 3         | 5.86   | Larchmont          | 27/1942    |
| 6                   | 2.55   | Spring Valley     | 14/1940    | 6         | 6.20   | Larchmont          | 27/1942    |
| 12                  | 3.25   | Spring Valley     | 14-15/1940 | 12        | 6.64   | Ithaca, Cornell U. | 7-8/1935   |
| 24                  | 3.67   | Syracuse          | 29-30/1925 | 24        | 7.90   | Ithaca, Cornell U. | 7-8/1935   |
| FEBRUARY            |        |                   |            | AUGUST    |        |                    |            |
| 1                   | 0.72   | New York WB city  | 7/1941     | 1         | 3.02   | Riverhead          | 7/1946     |
| 2                   | 1.19   | New York WB city  | 7/1941     | 2         | 4.18   | Riverhead          | 7/1946     |
| 3                   | 1.50   | Scarsdale         | 13/1950    | 3         | 4.74   | Watertown          | 18/1949    |
| 6                   | 2.60   | Scarsdale         | 13/1950    | 6         | 5.79   | Watertown          | 18/1949    |
| 12                  | 4.20   | Scarsdale         | 13/1950    | 12        | 6.90   | Riverhead          | 7/1946     |
| 24                  | 5.74   | Scarsdale         | 13-14/1950 | 24        | 6.90   | Riverhead          | 7/1946     |
| MARCH               |        |                   |            | SEPTEMBER |        |                    |            |
| 1                   | 1.20   | Marcellus         | 27/1950    | 1         | 2.15   | Binghamton WB city | 11/1945    |
| 2                   |        | New York WB city  | 23/1929    | 2         | 2.92   | New York, N.Y.U.   | 14/1944    |
| 2                   | 1.45   | Marcellus         | 27/1950    | 3         | 3.75   | New York, N.Y.U.   | 14/1944    |
| 3                   | 1.77   | New York, N.Y. U. | 6/1943     | 6         | 4.88   | Scarsdale          | 14/1944    |
| 6                   | 2.53   | Cutchogue         | 13/1944    | 12        | 4.95   | New York, N.Y.U.   | 14-15/1944 |
| 12                  | 3.38   | Cutchogue         | 13/1944    | 24        | 5.74   | New York, N.Y.U.   | 14-15/1944 |
| 24                  | 3.49   | Cutchogue         | 12-13/1944 | OCTOBER   |        |                    |            |
| APRIL               |        |                   |            | 1         | 2.26   | New York WB city   | 1/1913     |
| 1                   | 1.51   | Neversink         | 11/1948    | 2         | 3.34   | New York WB city   | 1/1913     |
| 2                   | 1.71   | Neversink         | 11/1948    | 3         | 3.80   | New York WB city   | 1/1913     |
| 3                   | 1.85   | Brentwood         | 25/1945    | 6         | 4.44   | New York WB city   | 1/1913     |
| 6                   | 2.46E  | Syracuse          | 5-6/1929   | 12        | 6.30   | New York WB city   | 8-9/1903   |
| 12                  | 2.91   | Syracuse          | 5-6/1929   | 24        | 9.55   | New York WB city   | 8-9/1903   |
| 24                  | 3.24   | Big Flats         | 4-5/1947   | NOVEMBER  |        |                    |            |
| MAY                 |        |                   |            | 1         | 1.97   | New York WB LaG.   | 4/1950     |
| 1                   | 2.86   | Downsville        | 23/1942    | 2         | 2.22   | New York WB LaG.   | 4/1950     |
| 2                   | 3.36   | Downsville        | 23/1942    | 3         | 2.58   | Upton              | 25/1950    |
| 3                   | 3.44   | Downsville        | 22-23/1942 | 6         | 3.40   | Upton              | 25/1950    |
| 6                   | 4.10   | Downsville        | 22-23/1942 | 12        | 4.24   | Cutchogue          | 11-12/1947 |
| 12                  | 4.49   | Downsville        | 22-23/1942 | 24        | 4.59   | Cutchogue          | 11-12/1947 |
| 24                  | 5.80   | Scarsdale         | 26-27/1946 | DECEMBER  |        |                    |            |
| JUNE                |        |                   |            | 1         | 0.99   | Mitchell Field     | 13/1941    |
| 1                   | 2.65   | Syracuse          | 11/1922    | 2         | 1.53   | Cutchogue          | 31/1948    |
| 2                   | 4.20   | Canton            | 18/1940    | 3         | 1.97   | Cutchogue          | 4/1950     |
| 3                   | 4.57   | Syracuse          | 17/1922    | 6         | 2.80   | New York, N.Y.U.   | 13/1941    |
| 6                   | 4.62   | Syracuse          | 17/1922    | 12        | 3.94   | New York, N.Y.U.   | 13-14/1941 |
| 12                  | 4.79   | Syracuse          | 11/1922    | 24        | 4.98   | Cutchogue          | 30-31/1948 |
| 24                  | 5.07   | Canton            | 18-19/1940 |           |        |                    |            |

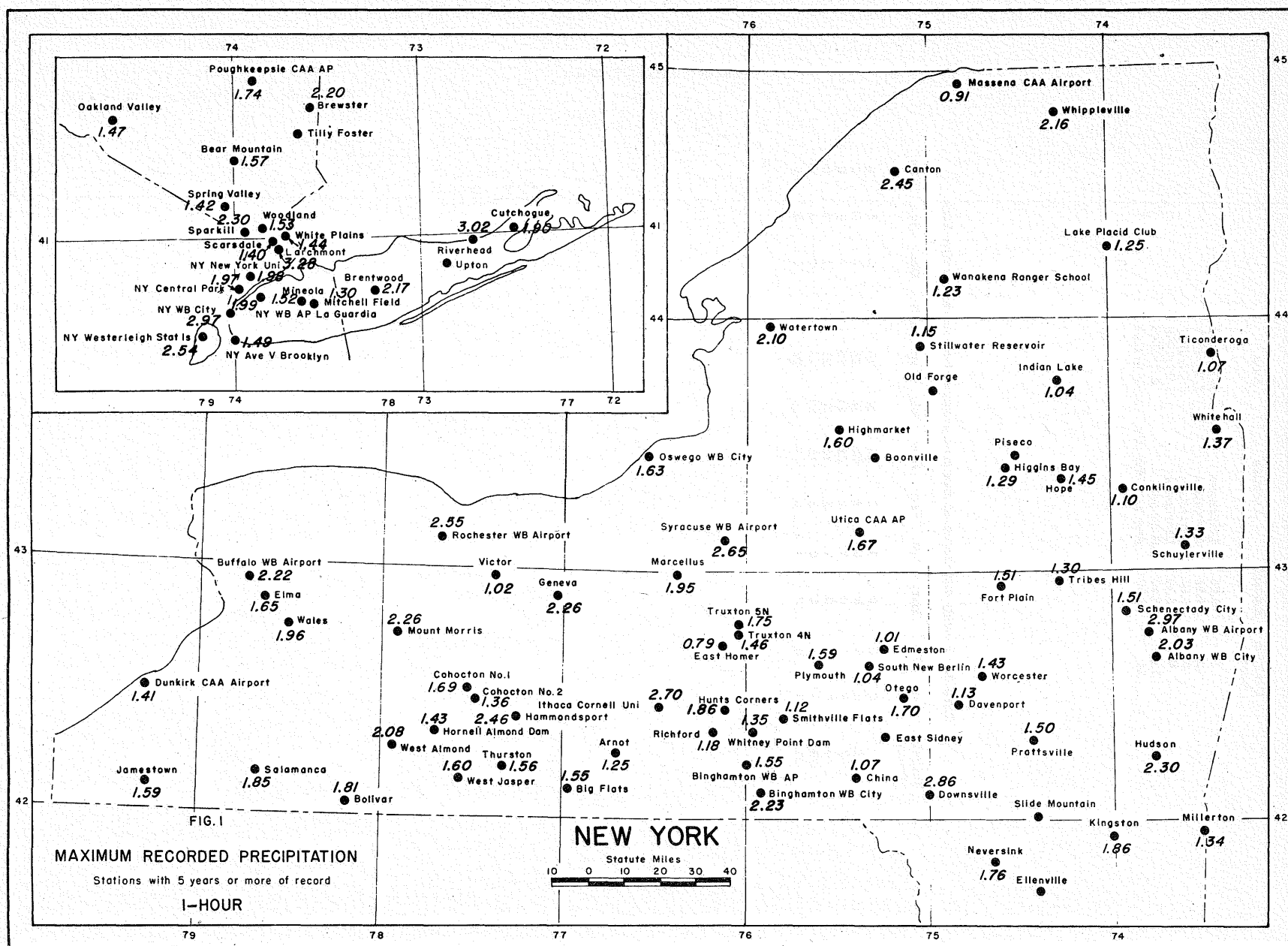


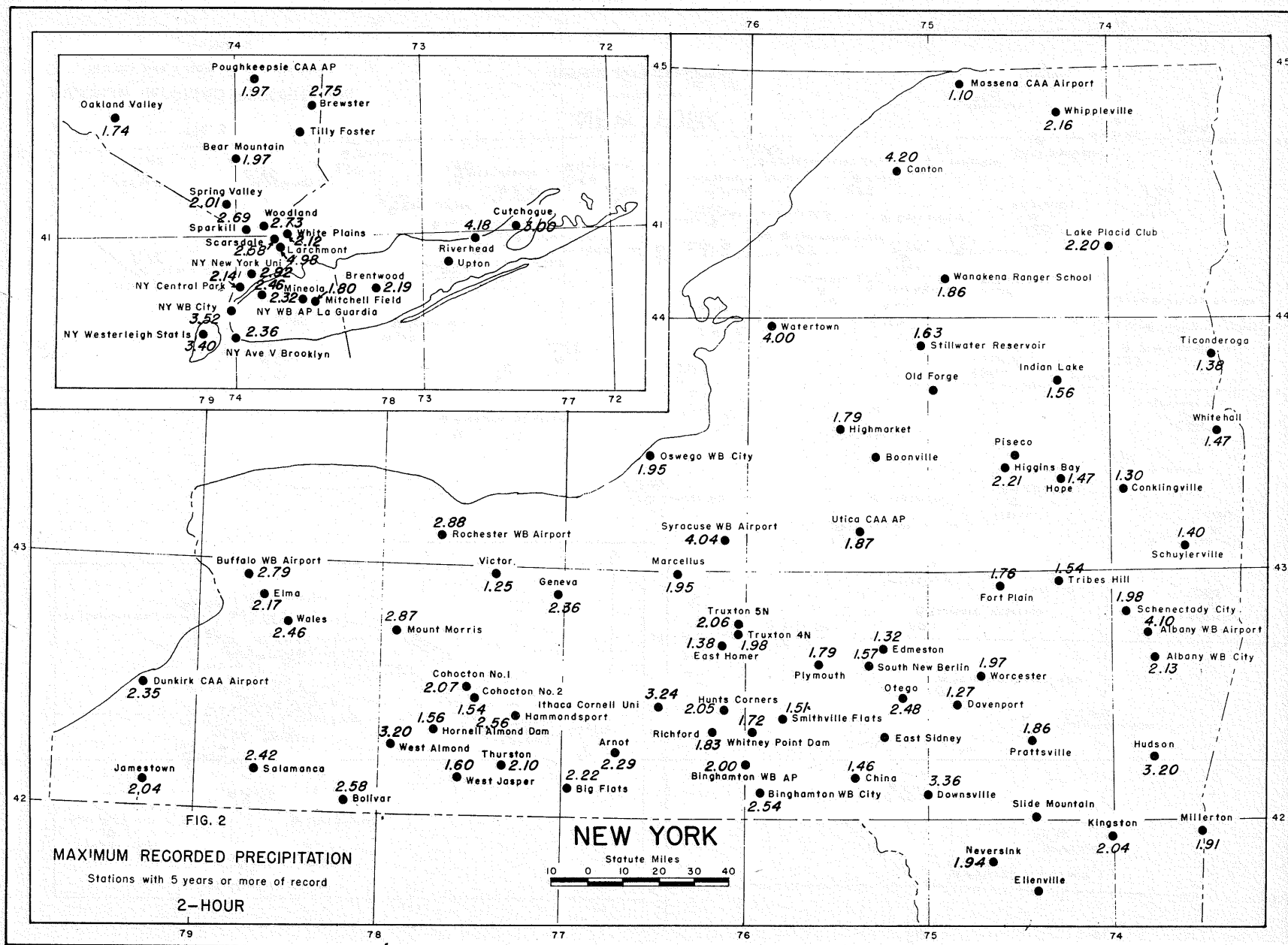
Table 2. - Maximum precipitation amounts for New York

| Duration<br>(hours) | Amount | Location         | Date        |
|---------------------|--------|------------------|-------------|
| 1                   | 3.28   | Larchmont        | 7/27/1942   |
| 2                   | 4.98   | Larchmont        | 7/27/1942   |
| 3                   | 5.86   | Larchmont        | 7/27/1942   |
| 6                   | 6.20   | Larchmont        | 7/27/1942   |
| 12                  | 6.90   | Riverhead        | 8/7/1946    |
| 24                  | 9.55   | New York WB city | 10/8-9/1903 |

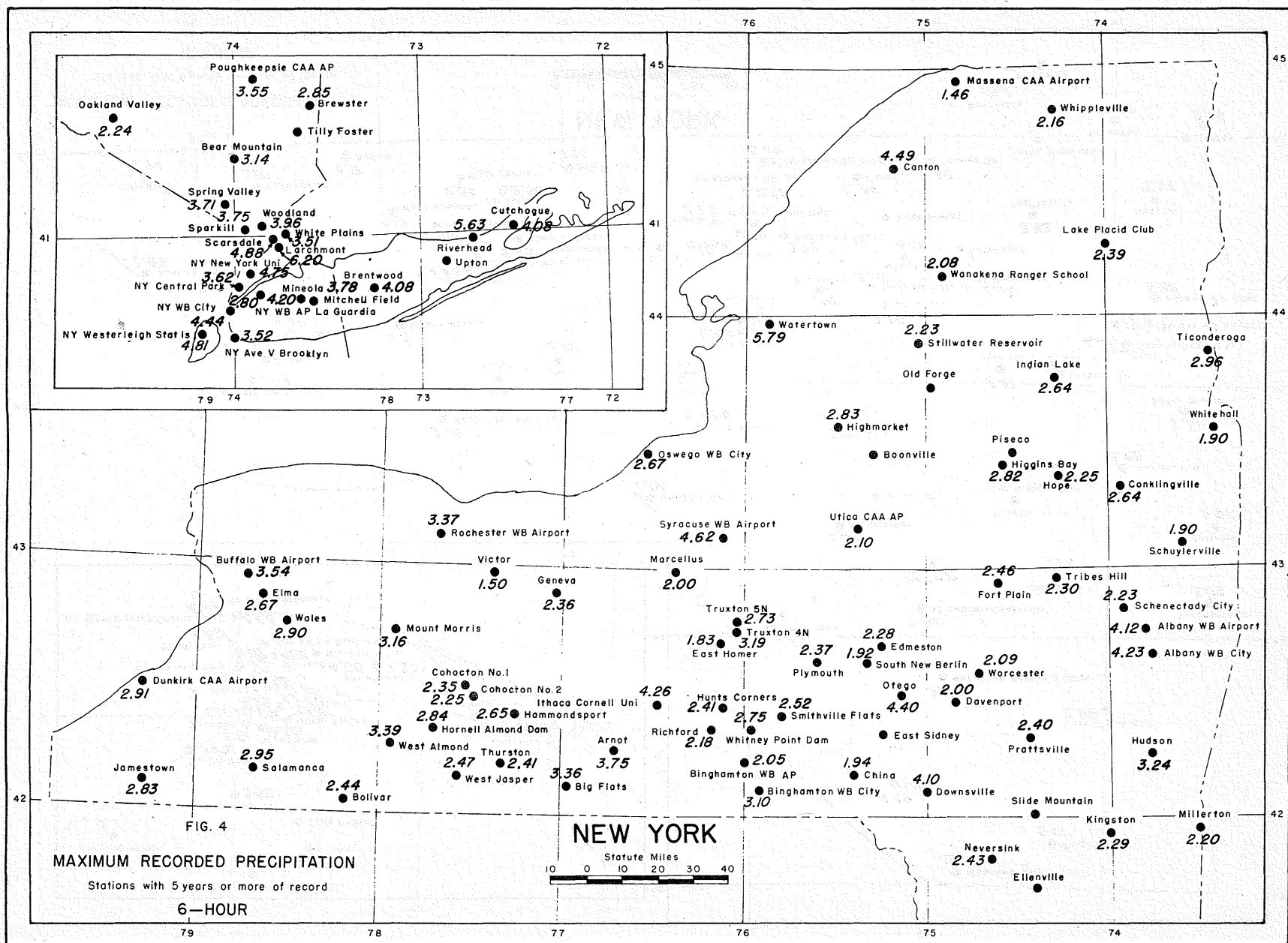
Table 3. - Monthly distribution of maximum precipitation amounts for New York

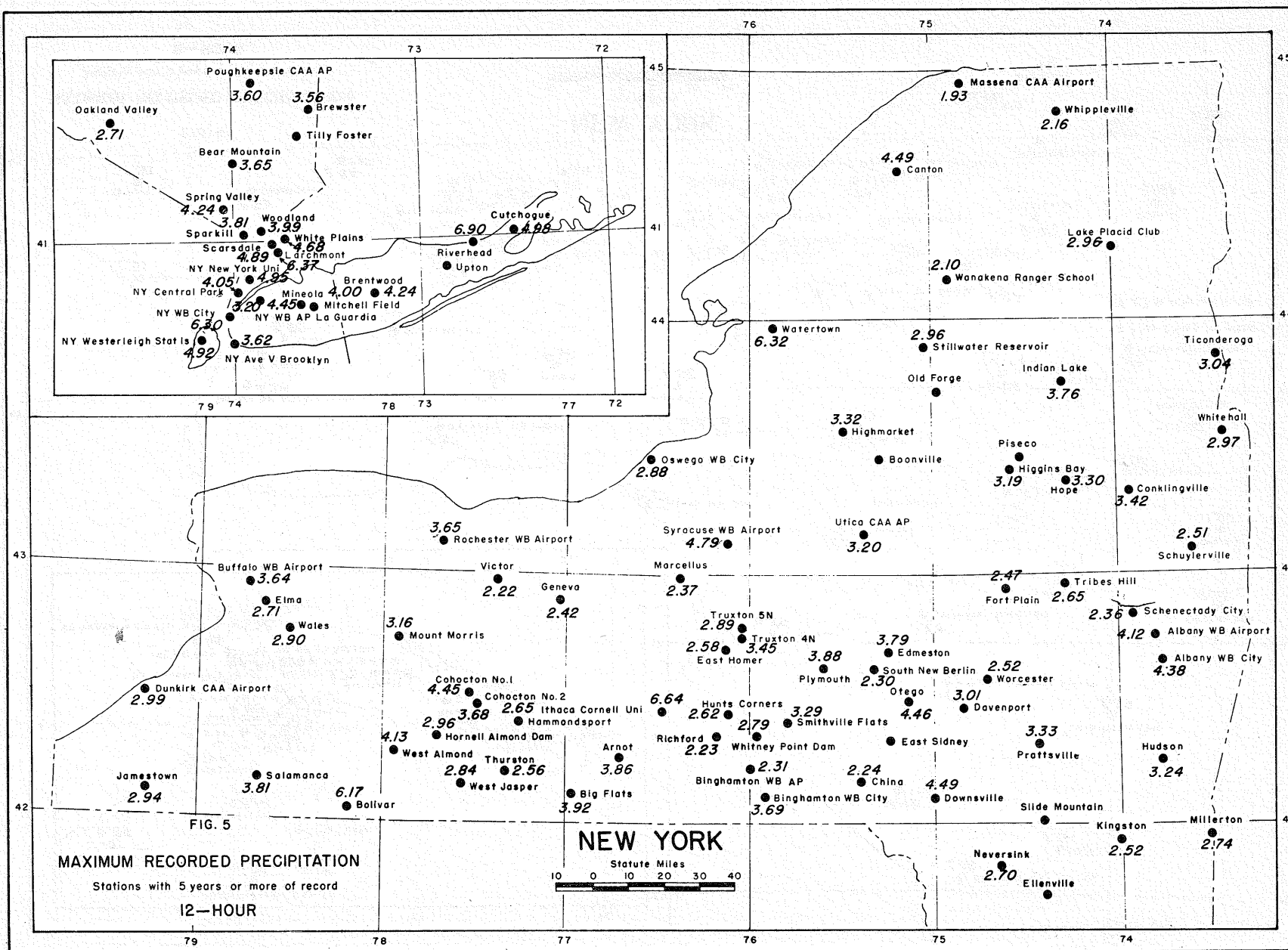
| Duration<br>(hours) | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|---------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| 1                   | 0    | 0    | 0    | 0    | 3   | 25   | 35   | 15   | 9     | 0    | 1    | 0    |
| 2                   | 0    | 0    | 0    | 0    | 2   | 23   | 24   | 20   | 17    | 0    | 2    | 0    |
| 3                   | 0    | 0    | 0    | 0    | 2   | 22   | 21   | 19   | 22    | 1    | 1    | 0    |
| 6                   | 0    | 0    | 0    | 0    | 2   | 13   | 22   | 21   | 26    | 1    | 3    | 0    |
| 12                  | 0    | 1    | 0    | 0    | 3   | 13   | 20   | 23   | 20    | 3    | 4    | 1    |
| 24                  | 0    | 0    | 0    | 0    | 6   | 9    | 20   | 23   | 17    | 5    | 2    | 6    |



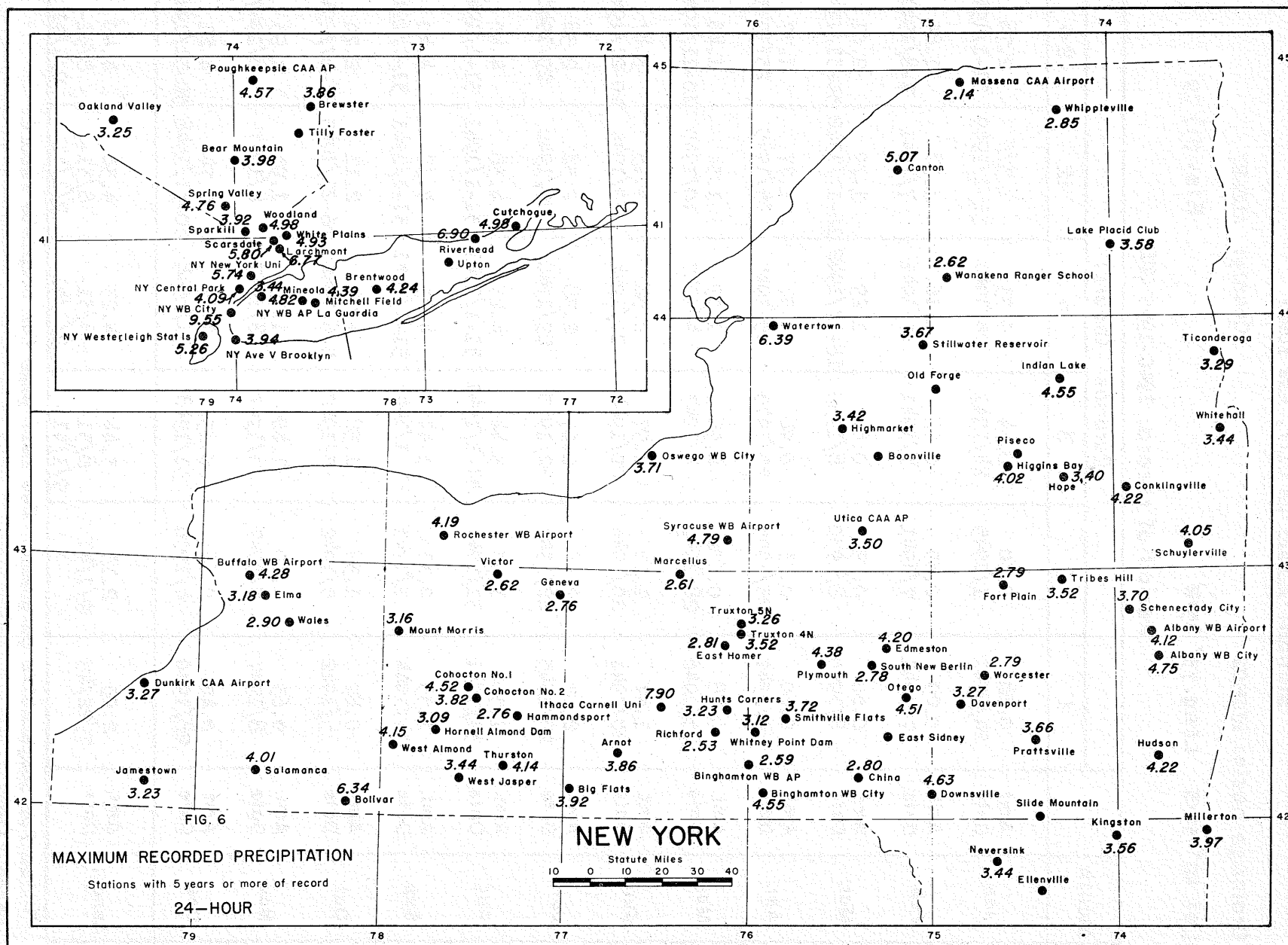












Station: ALBANY WB CITY, NEW YORK\*

Drainage basin: HUDSON

County: ALBANY

Lat. 42° 39'N Long. 73° 45'W

Elev.(ft.) 19

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                  |                         |                         |                         |                         |
|--------|--------------|------------------|------------------|-------------------------|-------------------------|-------------------------|-------------------------|
|        |              | 1                | 2                | 3                       | 6                       | 12                      | 24                      |
| Jan.   | Amt.<br>Date | 0.18<br>24/1941  | 0.30<br>1/1945   | 0.44<br>24/1941         | 0.73<br>24/1941         | 1.37E<br>31-1/1949      | 2.74<br>31-1/1949       |
| Feb.   | Amt.<br>Date | 0.29<br>7/1941   | 0.55<br>7/1941   | 0.71<br>7/1941          | 1.16<br>7/1941          | 1.78<br>7/1941          | 1.89<br>7-8/1941        |
| Mar.   | Amt.<br>Date | 0.60<br>8/1950   | 0.73<br>8/1950   | 0.81<br>8/1950          | 1.29<br>16-17/1942      | 1.79<br>16-17/1942      | 2.01<br>30-31/1940      |
| Apr.   | Amt.<br>Date | 0.60<br>30/1947  | 0.73<br>25/1945  | 0.98<br>25/1945         | 1.37<br>25/1945         | 1.77<br>25/1945         | 1.77<br>25/1945         |
| May    | Amt.<br>Date | 0.48<br>25/1946  | 0.67a<br>28/1941 | 0.96<br>4/1947          | 1.09<br>4/1947          | 1.34<br>10/1945         | 1.46<br>10-11/1945      |
| Jun.   | Amt.<br>Date | 1.47<br>20/1944  | 1.62<br>20/1944  | 1.97<br>20/1944         | 2.52<br>20/1944         | 3.13<br>20/1944         | 3.47<br>20-21/1944      |
| Jul.   | Amt.<br>Date | 2.03<br>22/1945  | 2.06<br>22/1945  | 2.07<br>22/1945         | 2.38<br>29/1940         | 2.38<br>29/1940         | 2.38<br>29/1940         |
| Aug.   | Amt.<br>Date | 1.50<br>31/1941  | 1.95<br>31/1941  | 3.44<br>31-1/1941       | 4.23<br>31-1/1941       | 4.38<br>31-1/1941       | 4.40<br>31-1/1941       |
| Sep.   | Amt.<br>Date | 1.53<br>14/1944  | 2.13<br>1/1941   | 3.44<br>31-1/1941       | 4.23<br>31-1/1941       | 4.38<br>31-1/1941       | 4.40<br>31-1/1941       |
| Oct.   | Amt.<br>Date | 0.89<br>5/1942   | 1.36<br>5/1942   | 1.58<br>5/1942          | 1.74<br>5-6/1942        | 2.11<br>26-27/1943      | 2.70<br>26-27/1943      |
| Nov.   | Amt.<br>Date | 0.63<br>8/1947   | 1.10<br>8/1947   | 1.40<br>8/1947          | 1.79<br>8/1947          | 1.93<br>8/1947          | 1.93<br>8/1947          |
| Dec.   | Amt.<br>Date | 0.42<br>28/1940  | 0.66<br>4/1950   | 0.85<br>31/1948         | 1.60<br>31/1948         | 2.74<br>30-31/1948      | 4.21<br>30-31/1948      |
| Annual | Amt.<br>Date | 2.03<br>7/22/45  | 2.13<br>9/1/41   | 3.44<br>8/31-<br>9/1/41 | 4.23<br>8/31-<br>9/1/41 | 4.38<br>8/31-<br>9/1/41 | 4.40<br>8/31-<br>9/1/41 |

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

aAlso 4/1947.

Station: ALBANY WB CITY, NEW YORK

Drainage basin: HUDSON

County: ALBANY

Lat. 42° 39'N Long. 73° 45'W

Elev.(ft.) 19

Period of record: 1897-1950

| Month  |              | Duration (hours) |                 |                         |                         |                         |                    |
|--------|--------------|------------------|-----------------|-------------------------|-------------------------|-------------------------|--------------------|
|        |              | 1                | 2               | 3                       | 6                       | 12                      | 24                 |
| Jan.   | Amt.<br>Date | 0.42<br>8/1913   | 0.48<br>8/1913  | 0.55<br>25/1928         | 1.00<br>30/1939         | 1.43<br>19/1936         | 2.74<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.35<br>15/1939  | 0.55<br>7/1941  | 0.71<br>7/1941          | 1.16<br>7/1941          | 1.78<br>7/1941          | 1.93<br>5-6/1920   |
| Mar.   | Amt.<br>Date | 0.60<br>8/1950   | 0.73<br>8/1950  | 0.92<br>27-28/1919      | 1.32<br>27-28/1919      | 1.84<br>27-28/1919      | 2.11<br>27-28/1919 |
| Apr.   | Amt.<br>Date | 0.60a<br>8/1914  | 0.91<br>8/1914  | 1.17<br>8/1914          | 1.39<br>8/1914          | 1.77<br>25/1945         | 1.77b<br>6-7/1924  |
| May    | Amt.<br>Date | 1.53<br>3/1936   | 1.54<br>3/1936  | 1.55<br>3/1936          | 1.55<br>3/1936          | 1.99<br>10/1931         | 2.40<br>14-15/1937 |
| Jun.   | Amt.<br>Date | 1.47<br>20/1944  | 1.62<br>20/1944 | 1.97<br>20/1944         | 2.52<br>20/1944         | 3.13<br>20/1944         | 3.47<br>20-21/1944 |
| Jul.   | Amt.<br>Date | 2.03<br>22/1945  | 2.06<br>22/1945 | 2.07<br>22/1945         | 2.38<br>22/1945         | 2.38<br>29/1940         | 2.99<br>13-14/1897 |
| Aug.   | Amt.<br>Date | 1.83<br>11/1914  | 1.95<br>31/1941 | 3.44<br>31-1/1941       | 4.23<br>31-1/1941       | 4.38<br>31-1/1941       | 4.40<br>31-1/1941  |
| Sep.   | Amt.<br>Date | 1.58<br>9/1924   | 2.13<br>1/1941  | 3.44<br>31-1/1941       | 4.23<br>31-1/1941       | 4.38<br>31-1/1941       | 4.40<br>31-1/1941  |
| Oct.   | Amt.<br>Date | 1.38<br>13/1901  | 1.83<br>13/1901 | 1.85<br>13/1901         | 2.15<br>21/1904         | 2.89<br>8-9/1903        | 4.75<br>8-9/1903   |
| Nov.   | Amt.<br>Date | 0.63<br>8/1947   | 1.10<br>8/1947  | 1.40<br>8/1947          | 1.79<br>8/1947          | 2.50<br>3/1927          | 3.49<br>3-4/1927   |
| Dec.   | Amt.<br>Date | 0.55<br>14/1920  | 0.66<br>4/1950  | 0.85<br>31/1948         | 1.60<br>31/1948         | 2.74<br>30-31/1948      | 4.21<br>30-31/1948 |
| Annual | Amt.<br>Date | 2.03<br>7/22/45  | 2.13<br>9/1/41  | 3.44<br>8/31-<br>9/1/41 | 4.23<br>8/31-<br>9/1/41 | 4.38<br>8/31-<br>9/1/41 | 4.75<br>10/8-9/03  |

<sup>a</sup>Also 30/1947.

<sup>b</sup>Also 25/1945.

January 1-hr, April 1-, and 2-hr, May 1-, 2-, and 24-hr, August 1-hr, September 1-hr, October 1-, 2-, and 24-hr, November 24-hr and December 1-hr, amounts are true maxima.

Station: ALBANY WB APT., NEW YORK

Drainage basin: HUDSON

County: ALBANY

Lat. 42° 45' N Long. 73° 48' W

Elev.(ft.) 277

Period of record: 1938-1950

| Month  |              | Duration (hours) |                   |                   |                    |                    |                    |
|--------|--------------|------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                 | 3                 | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.29<br>14/1940  | 0.44<br>14/1940   | 0.55<br>14/1940   | 0.74<br>24/1941    | 1.37E<br>31-1/1949 | 2.74<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.42<br>15/1939  | 0.44<br>15/1939   | 0.60<br>7/1941    | 1.14<br>7/1941     | 1.78<br>7/1941     | 1.84<br>7-8/1941   |
| Mar.   | Amt.<br>Date | 0.27<br>8/1950   | 0.48<br>8/1950    | 0.59<br>17/1942   | 0.88<br>16-17/1942 | 1.34<br>16-17/1942 | 1.83<br>30-31/1940 |
| Apr.   | Amt.<br>Date | 0.40<br>25/1945  | 0.77<br>25/1945   | 1.04<br>25/1945   | 1.39<br>25/1945    | 1.76<br>25-26/1945 | 1.76<br>25-26/1945 |
| May    | Amt.<br>Date | 0.46<br>29/1947  | 0.67<br>4/1947    | 0.80<br>4/1947    | 0.88<br>4/1947     | 1.11<br>16/1945    | 1.45<br>5-6/1947   |
| Jun.   | Amt.<br>Date | 1.02<br>20/1944  | 1.22<br>20/1944   | 1.26<br>20/1944   | 2.08<br>20/1944    | 2.26<br>20/1944    | 2.71<br>19-20/1944 |
| Jul.   | Amt.<br>Date | 2.97<br>9/1938   | 4.10<br>9/1938    | 4.10<br>9/1938    | 4.12<br>9/1938     | 4.12<br>9/1938     | 4.12<br>9/1938     |
| Aug.   | Amt.<br>Date | 1.26<br>31/1941  | 1.81<br>31-1/1941 | 2.02<br>31-1/1941 | 2.58<br>31-1/1941  | 2.66<br>31-1/1941  | 4.08<br>31/1950    |
| Sep.   | Amt.<br>Date | 1.02<br>1/1945   | 1.81<br>31-1/1941 | 2.11<br>1-2/1945  | 2.58<br>31-1/1941  | 2.69<br>1-2/1945   | 3.52<br>20-21/1938 |
| Oct.   | Amt.<br>Date | 0.45<br>12/1946  | 0.57<br>12/1946   | 0.77<br>27/1943   | 1.12<br>26/1943    | 2.10<br>26-27/1943 | 2.80<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.58<br>25/1950  | 0.71<br>6-7/1948  | 1.00<br>6-7/1948  | 1.52<br>6-7/1948   | 1.68<br>6-7/1948   | 1.68<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.32<br>31/1948  | 0.62<br>31/1948   | 0.90<br>31/1948   | 1.60<br>31/1948    | 2.60<br>30-31/1948 | 4.02<br>30-31/1948 |
| Annual | Amt.<br>Date | 2.97<br>7/9/38   | 4.10<br>7/9/38    | 4.10<br>7/9/38    | 4.12<br>7/9/38     | 4.12<br>7/9/38     | 4.12<br>7/9/38     |

February 1-hr, July 1-, 2-, and 24-hr, and September and December 24-hr amounts are true maxima.

Station: ARNOT, NEW YORK

Drainage basin: SUSQUEHANNA

County: SCHUYLER

Lat. 42° 16'N Long. 76° 39'W

Elev.(ft.) 1915

Period of record: 1940-1950

| Month  |              | Duration (hours) |                  |                              |                               |                    |                    |
|--------|--------------|------------------|------------------|------------------------------|-------------------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                            | 6                             | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.24<br>15/1947  | 0.35<br>2/1948   | 0.40<br>2/1948               | 0.55<br>2/1948                | 0.82<br>1/1945     | 1.25<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.22<br>15/1945  | 0.38<br>22/1944  | 0.39 <sup>a</sup><br>14/1940 | 0.67<br>14/1940               | 1.01<br>13-14/1940 | 1.50<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.50<br>15/1946  | 0.74<br>15/1946  | 0.81<br>16/1942              | 0.91 <sup>b</sup><br>16/1942  | 1.33<br>14-15/1940 | 1.44<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.31<br>27/1943  | 0.47<br>27/1943  | 0.66<br>5/1947               | 0.94<br>5/1947                | 1.21<br>5/1947     | 1.50<br>4-5/1947   |
| May    | Amt.<br>Date | 0.97<br>25/1947  | 1.01<br>21/1947  | 1.26<br>21-22/1947           | 1.40 <sup>c</sup><br>6-7/1944 | 2.36<br>6-7/1944   | 2.88<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.04<br>2/1947   | 1.66<br>2/1947   | 2.08<br>2/1947               | 2.72<br>2-3/1947              | 3.24<br>2-3/1947   | 3.24<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 0.99<br>1/1946   | 1.20<br>1/1946   | 1.26<br>1/1946               | 1.48<br>1/1946                | 1.79<br>1/1946     | 1.79<br>1/1946     |
| Aug.   | Amt.<br>Date | 1.25<br>9/1947   | 2.29<br>13/1942  | 2.92<br>13/1942              | 3.75<br>13/1942               | 3.86<br>13/1942    | 3.86<br>13/1942    |
| Sep.   | Amt.<br>Date | 0.67<br>13/1947  | 0.93<br>1/1950   | 1.04 <sup>d</sup><br>2/1947  | 1.16<br>1/1950                | 1.50<br>24-25/1940 | 1.94<br>31-1/1950  |
| Oct.   | Amt.<br>Date | 0.60<br>7/1944   | 0.89<br>12/1946  | 1.25<br>12/1946              | 1.59<br>12/1946               | 1.81<br>12/1946    | 1.93<br>9-10/1950  |
| Nov.   | Amt.<br>Date | 0.60<br>6/1941   | 0.73<br>6-7/1941 | 0.91<br>8/1943               | 1.40<br>6/1948                | 1.49<br>6/1948     | 1.89<br>8-9/1943   |
| Dec.   | Amt.<br>Date | 0.46<br>24/1941  | 0.78<br>24/1941  | 0.92<br>24/1941              | 1.25<br>30/1942               | 1.56<br>30/1942    | 2.46<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.25<br>8/9/47   | 2.29<br>8/13/42  | 2.92<br>8/13/42              | 3.75<br>8/13/42               | 3.86<br>8/13/42    | 3.86<br>8/13/42    |

<sup>a</sup>Also 22-23/1944.

<sup>b</sup>Also 15/1946.

<sup>c</sup>Also 21-22/1947.

<sup>d</sup>Also 1/1950.

Station: BEAR MOUNTAIN, NEW YORK

Drainage basin: HUDSON

County: ORANGE

Lat. 41° 19'N Long. 74° 00'W

Elev.(ft.) 1301

Period of record: 1941-1950

| Month  |              | Duration (hours)             |                 |                 |                              |                    |                    |
|--------|--------------|------------------------------|-----------------|-----------------|------------------------------|--------------------|--------------------|
|        |              | 1                            | 2               | 3               | 6                            | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.38<br>7/1946               | 0.60<br>31/1942 | 0.85<br>31/1942 | 1.29<br>1/1945               | 1.49<br>31/1942    | 1.51<br>5-6/1949   |
| Feb.   | Amt.<br>Date | 0.26<br>14/1944              | 0.41<br>14/1944 | 0.56<br>14/1944 | 0.80<br>14-15/1944           | 1.12<br>20-21/1947 | 1.42<br>20-21/1947 |
| Mar.   | Amt.<br>Date | 0.35 <sup>a</sup><br>21/1948 | 0.57<br>3/1942  | 0.78<br>3/1942  | 0.99<br>3/1942               | 1.19<br>6-7/1944   | 1.41<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.61<br>30/1947              | 0.89<br>30/1947 | 1.06<br>1/1948  | 1.51<br>1/1948               | 1.71<br>1/1948     | 2.08<br>18-19/1949 |
| May    | Amt.<br>Date | 0.70<br>6/1949               | 1.21<br>20/1949 | 1.35<br>30/1948 | 1.77<br>27/1946              | 2.51<br>27/1946    | 2.87<br>27/1946    |
| Jun.   | Amt.<br>Date | 0.67<br>21/1945              | 0.83<br>21/1945 | 0.88<br>21/1945 | 1.01<br>23/1942              | 1.50<br>2/1946     | 1.82<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.57<br>20/1945              | 1.72<br>22/1946 | 1.85<br>22/1946 | 2.47<br>22-23/1945           | 2.74<br>22-23/1945 | 3.98<br>18-19/1945 |
| Aug.   | Amt.<br>Date | 1.25<br>26/1947              | 1.44<br>16/1942 | 1.71<br>16/1942 | 1.93<br>16/1942              | 2.30<br>9/1942     | 2.47<br>24-25/1945 |
| Sep.   | Amt.<br>Date | 0.81<br>30/1946              | 1.21<br>24/1946 | 1.71<br>24/1946 | 2.08<br>24/1946              | 2.28<br>24/1946    | 2.80<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.59<br>10/1950              | 0.86<br>26/1943 | 1.03<br>26/1942 | 1.53 <sup>b</sup><br>26/1942 | 2.83<br>26-27/1943 | 3.95<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 1.18<br>8/1947               | 1.97<br>8/1947  | 2.22<br>8/1947  | 3.14<br>8/1947               | 3.65<br>8/1947     | 3.65<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.63<br>25/1945              | 1.17<br>25/1945 | 1.48<br>25/1945 | 1.99<br>25/1945              | 2.09<br>25-26/1945 | 3.33<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.57<br>7/20/45              | 1.97<br>11/8/47 | 2.22<br>11/8/47 | 3.14<br>11/8/47              | 3.65<br>11/8/47    | 3.98<br>7/18-19/45 |

<sup>a</sup>Also 23/1949.

<sup>b</sup>Also 26/1943.



Station: BIG FLATS, NEW YORK

Drainage basin: SUSQUEHANNA

County: CHEMUNG

Lat. 42° 09'N Long. 76° 58'W

Elev.(ft.)1100E

Period of record: 1940-1947 (BREAKS)

| Month  |              | Duration (hours) |                 |                 |                  |                     |                    |
|--------|--------------|------------------|-----------------|-----------------|------------------|---------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.12<br>24/1941  | 0.21<br>24/1941 | 0.27<br>24/1941 | 0.35<br>21/1946  | 0.55<br>21/1946     | 0.55<br>21/1946    |
| Feb.   | Amt.<br>Date | 0.17<br>4/1947   | 0.28<br>4/1947  | 0.35<br>4/1947  | 0.40<br>4/1947   | 0.40a<br>26/1946    | 0.65<br>26-27/1946 |
| Mar.   | Amt.<br>Date | 0.20b<br>7/1946  | 0.35<br>7/1946  | 0.40<br>7/1946  | 0.60<br>15/1946  | 0.69<br>2/1947      | 0.83<br>1-2/1947   |
| Apr.   | Amt.<br>Date | 0.48<br>5/1947   | 0.88<br>5/1947  | 1.18<br>5/1947  | 2.10<br>5/1947   | 2.68<br>5/1947      | 3.24<br>4-5/1947   |
| May    | Amt.<br>Date | 1.05<br>21/1947  | 1.55<br>21/1947 | 1.75<br>21/1947 | 3.00<br>25/1946  | 3.00<br>25/1946     | 3.00<br>25/1946    |
| Jun.   | Amt.<br>Date | 1.55<br>2/1947   | 2.22<br>2/1947  | 2.44<br>2/1947  | 3.36<br>2-3/1947 | 3.92<br>2-3/1947    | 3.92<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.00<br>17/1947  | 1.42<br>7/1947  | 1.88<br>7/1947  | 2.10<br>7/1947   | 2.10<br>7/1947      | 2.10<br>7/1947     |
| Aug.   | Amt.<br>Date | 0.35<br>19/1941  | 0.46<br>15/1941 | 0.55<br>27/1943 | 0.72<br>27/1943  | 0.81<br>27/1943     | 0.81<br>27/1943    |
| Sep.   | Amt.<br>Date | 1.15<br>14/1945  | 1.15<br>14/1945 | 1.15<br>14/1945 | 1.15<br>14/1945  | 1.25<br>18/1945     | 1.85<br>18/1945    |
| Oct.   | Amt.<br>Date | 0.90<br>24/1945  | 1.00<br>24/1945 | 1.10<br>24/1945 | 1.20<br>24/1945  | 1.34<br>26/1943     | 1.34<br>26/1943    |
| Nov.   | Amt.<br>Date | 0.35<br>19/1945  | 0.65<br>19/1945 | 0.85<br>19/1945 | 1.15<br>19/1945  | 1.39E<br>28-29/1945 | 2.15<br>28-29/1945 |
| Dec.   | Amt.<br>Date | 0.35<br>27/1940  | 0.60<br>30/1942 | 0.80<br>30/1942 | 1.10<br>24/1941  | 1.45<br>29-30/1942  | 2.15<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.55<br>6/2/47   | 2.22<br>6/2/47  | 2.44<br>6/2/47  | 3.36<br>6/2-3/47 | 3.92<br>6/2-3/47    | 3.92<br>6/2-3/47   |

<sup>a</sup>Also 4/1947.

<sup>b</sup>Also 8/1946 and 15/1946.



Station: BINGHAMTON WB CITY, NEW YORK\*

Drainage basin: SUSQUEHANNA

County: BROOME

Lat. 42° 06'N Long. 75° 55'W

Elev.(ft.) 858

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                    |                    |                    |                     |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|---------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.23<br>30/1947  | 0.39<br>19/1943    | 0.50<br>16/1945    | 0.88<br>16/1945    | 1.15<br>16/1945     | 1.41<br>15-16/1945 |
| Feb.   | Amt.<br>Date | 0.15a<br>15/1945 | 0.27<br>22-23/1944 | 0.37<br>25/1949    | 0.67<br>14/1950    | 1.04E<br>14-15/1940 | 2.07<br>14-15/1940 |
| Mar.   | Amt.<br>Date | 0.68<br>21/1948  | 0.98<br>21-22/1948 | 1.13<br>21-22/1948 | 1.21<br>21-22/1948 | 1.72<br>21-22/1948  | 1.98<br>30/1940    |
| Apr.   | Amt.<br>Date | 0.35<br>5/1947   | 0.60<br>5/1947     | 0.73<br>5/1947     | 1.21<br>5/1947     | 1.51<br>5/1947      | 1.88<br>4-5/1947   |
| May    | Amt.<br>Date | 0.90<br>5/1949   | 0.97<br>22/1947    | 1.09<br>22/1947    | 1.40<br>7/1944     | 1.96<br>23-24/1948  | 2.87<br>7/1944     |
| Jun.   | Amt.<br>Date | 1.30<br>4/1942   | 1.30<br>4/1942     | 1.31<br>4/1942     | 1.39<br>4/1942     | 1.39<br>4/1942      | 1.86<br>30-1/1941  |
| Jul.   | Amt.<br>Date | 1.07<br>12/1944  | 1.16<br>12/1944    | 1.23<br>30/1941    | 1.54<br>30/1941    | 2.12<br>30/1941     | 2.17<br>30-31/1941 |
| Aug.   | Amt.<br>Date | 2.17<br>16/1947  | 2.25<br>16/1947    | 2.25<br>16/1947    | 2.44<br>29/1949    | 2.85<br>29/1949     | 3.31<br>31/1940    |
| Sep.   | Amt.<br>Date | 2.15<br>11/1945  | 2.54<br>11/1945    | 2.56<br>11/1945    | 2.56<br>11/1945    | 2.57<br>14/1944     | 3.24<br>14-15/1944 |
| Oct.   | Amt.<br>Date | 0.41<br>7/1940   | 0.58<br>26/1943    | 0.86<br>26/1943    | 1.36<br>26/1943    | 1.83<br>26/1943     | 2.01<br>26/1943    |
| Nov.   | Amt.<br>Date | 0.56<br>25/1950  | 0.84<br>25/1950    | 0.98<br>8/1943     | 1.44<br>8/1947     | 1.79<br>25/1950     | 1.87<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.39<br>24/1941  | 0.58<br>24/1941    | 0.68<br>24/1941    | 0.85<br>29-30/1942 | 1.43<br>30/1942     | 2.07<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.17<br>8/16/47  | 2.54<br>9/11/45    | 2.56<br>9/11/45    | 2.56<br>9/11/45    | 2.85<br>8/29/49     | 3.31<br>8/31/40    |

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

aAlso 27/1946. February 24-hour, March 1-, 2-, and 24-hour, and August 24-hour amounts are true maxima.

Station: BINGHAMTON, WB CITY, NEW YORK

Drainage basin: SUSQUEHANNA

County: BROOME

Lat. 42° 06'N Long. 75° 55'W

Elev.(ft.) 858

Period of record: 1899-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.28<br>15/1937  | 0.41<br>7/1915     | 0.52a<br>6-7/1915  | 0.88<br>16/1945    | 1.24<br>29/1925    | 1.91<br>11-12/1915 |
| Feb.   | Amt.<br>Date | 0.60<br>21/1937  | 0.84<br>22/1937    | 1.18<br>21-22/1937 | 1.76<br>21-22/1937 | 1.92<br>21-22/1937 | 2.07<br>14-15/1940 |
| Mar.   | Amt.<br>Date | 0.68<br>21/1948  | 0.98<br>21-22/1948 | 1.13<br>21-22/1948 | 1.37<br>17-18/1936 | 1.72b<br>1/1900    | 1.98<br>30/1940    |
| Apr.   | Amt.<br>Date | 0.67<br>28/1915  | 0.88<br>28/1915    | 0.89<br>28/1915    | 1.21<br>5/1947     | 1.51<br>5/1947     | 1.95<br>15-16/1929 |
| May    | Amt.<br>Date | 2.05<br>12/1918  | 2.12<br>12/1918    | 2.16<br>12/1918    | 2.16<br>12/1918    | 2.16<br>12/1918    | 3.03<br>12-13/1918 |
| Jun.   | Amt.<br>Date | 2.23<br>24/1924  | 2.27<br>24/1924    | 2.30<br>24/1924    | 2.36<br>24-25/1924 | 2.47<br>24-25/1924 | 2.62<br>24-25/1924 |
| Jul.   | Amt.<br>Date | 2.14<br>2/1905   | 2.40<br>2/1905     | 2.42<br>2/1905     | 3.10<br>8/1915     | 3.69<br>8/1915     | 4.19<br>7-8/1915   |
| Aug.   | Amt.<br>Date | 2.17<br>16/1947  | 2.35<br>16/1947    | 2.39<br>8/1917     | 2.48<br>8/1917     | 2.95<br>8/1917     | 3.31<br>31/1940    |
| Sep.   | Amt.<br>Date | 2.15<br>11/1945  | 2.54<br>11/1945    | 2.56<br>11/1945    | 2.56<br>11/1945    | 2.73<br>30/1924    | 4.55<br>29-30/1924 |
| Oct.   | Amt.<br>Date | 0.73<br>26/1908  | 1.14<br>23/1937    | 1.53<br>23/1937    | 2.51<br>23/1937    | 3.47<br>23/1937    | 4.15<br>5-6/1932   |
| Nov.   | Amt.<br>Date | 0.88<br>16/1926  | 1.25<br>16/1926    | 1.40<br>16/1926    | 1.82<br>16/1926    | 2.49<br>16/1926    | 2.81<br>12-13/1935 |
| Dec.   | Amt.<br>Date | 0.78<br>14/1901  | 0.82<br>14/1901    | 0.91<br>14/1901    | 1.78<br>14/1901    | 2.33<br>14-15/1901 | 2.36<br>14-15/1901 |
| Annual | Amt.<br>Date | 2.23<br>6/24/24  | 2.54<br>9/11/45    | 2.56<br>9/11/45    | 3.10<br>7/8/15     | 3.69<br>7/8/15     | 4.55<br>9/29-30/24 |

aAlso 16/1924.

bAlso 21-22/1948.

January, February, March and April 1-, 2-, and 24-hr, and August 24-hr amounts are true maxima.

Station: BINGHAMTON WB APT, NEW YORK

Drainage basin: SUSQUEHANNA

County: BROOME

Lat. 42° 05'N Long. 76° 06'W

Elev.(ft.) 828

Period of record: 1943-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.25<br>30/1947  | 0.34<br>30/1947    | 0.42<br>30/1947    | 0.49<br>6/1950     | 0.65<br>24-25/1948 | 1.07<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.22<br>22/1944  | 0.30<br>22-23/1944 | 0.38<br>27/1946    | 0.66<br>27/1946    | 0.81<br>14/1950    | 1.25<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.60<br>21/1948  | 0.99<br>21-22/1948 | 1.18<br>21-22/1948 | 1.30<br>21-22/1948 | 1.75<br>21-22/1948 | 1.87<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.37<br>5/1947   | 0.60<br>5/1947     | 0.72<br>5/1947     | 1.24<br>5/1947     | 1.61<br>5/1947     | 1.92<br>4-5/1947   |
| May    | Amt.<br>Date | 0.95<br>22/1947  | 1.04<br>22/1947    | 1.08<br>22/1947    | 1.37<br>7/1944     | 1.61<br>7/1944     | 2.34<br>7/1944     |
| Jun.   | Amt.<br>Date | 0.78<br>17/1946  | 1.03<br>17/1946    | 1.06<br>17/1946    | 1.06<br>17/1946    | 1.56<br>17/1946    | 1.67<br>17-18/1946 |
| Jul.   | Amt.<br>Date | 0.88<br>8/1946   | 0.96<br>8/1946     | 1.10<br>21/1946    | 1.33<br>20-21/1946 | 1.52<br>20-21/1946 | 1.76<br>20-21/1946 |
| Aug.   | Amt.<br>Date | 1.42<br>9/1947   | 1.58<br>9/1947     | 1.70<br>9/1947     | 1.85<br>29/1949    | 2.31<br>28-29/1949 | 2.59<br>18-19/1950 |
| Sep.   | Amt.<br>Date | 1.55<br>11/1945  | 2.00<br>11/1945    | 2.04<br>11/1945    | 2.05<br>11/1945    | 2.05<br>11/1945    | 2.05<br>11/1945    |
| Oct.   | Amt.<br>Date | 0.64<br>16/1943  | 0.71<br>16/1943    | 1.01<br>16/1943    | 1.40<br>26/1943    | 1.69<br>26/1943    | 1.85<br>26/1943    |
| Nov.   | Amt.<br>Date | 0.63<br>25/1950  | 0.82<br>8/1947     | 1.10<br>6/1948     | 1.51<br>6/1948     | 1.76<br>6-7/1948   | 1.77<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.26<br>8/1944   | 0.48<br>8/1944     | 0.61<br>8/1944     | 0.74<br>8/1944     | 1.22<br>4/1950     | 1.87<br>3-4/1950   |
| Annual | Amt.<br>Date | 1.55<br>9/11/45  | 2.00<br>9/11/45    | 2.04<br>9/11/45    | 2.05<br>9/11/45    | 2.31<br>8/28-29/49 | 2.59<br>8/18-19/50 |

Station: BOLIVAR, NEW YORK

Drainage basin: ALLEGHENY

County: ALLEGANY

Lat. 42° 03' N Long. 78° 11' W

Elev.(ft.) 1560

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                     |                     |                    |                    |
|--------|--------------|------------------|-----------------|---------------------|---------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                   | 6                   | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.15<br>9/1946   | 0.23<br>15/1950 | 0.33<br>15/1947     | 0.45<br>3-4/1943    | 0.60<br>3-4/1943   | 0.93<br>1-2/1948   |
| Feb.   | Amt.<br>Date | 0.20<br>22/1944  | 0.37<br>26/1944 | 0.42<br>25/1944     | 0.55a<br>22-23/1944 | 1.00<br>13/1950    | 1.51<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.59<br>19/1948  | 0.72<br>21/1948 | 0.83<br>21/1948     | 1.01<br>21-22/1948  | 1.89<br>21/1948    | 2.18<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.47<br>6/1948   | 0.67<br>6/1948  | 0.81<br>5-6/1948    | 1.21<br>5/1947      | 1.49<br>5/1947     | 1.71<br>4-5/1947   |
| May    | Amt.<br>Date | 0.70<br>25/1943  | 1.36<br>25/1943 | 1.84<br>25/1943     | 2.02<br>25/1943     | 2.61<br>25/1943    | 3.37<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.00<br>2/1947   | 1.30<br>2/1947  | 1.48<br>2/1947      | 1.75<br>2/1947      | 2.29<br>2-3/1947   | 2.34<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.81<br>17/1942  | 2.58<br>18/1942 | 2.77<br>18/1942     | 3.44<br>18/1942     | 6.17<br>17-18/1942 | 6.34<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 1.08<br>18/1950  | 1.61<br>18/1950 | 1.65<br>18/1950     | 1.69<br>18/1950     | 1.85<br>18-19/1950 | 2.64<br>18-19/1950 |
| Sep.   | Amt.<br>Date | 1.10<br>19/1942  | 1.48<br>19/1942 | 1.50<br>19/1942     | 1.54<br>24/1945     | 1.69<br>4/1944     | 2.20<br>4/1944     |
| Oct.   | Amt.<br>Date | 0.48b<br>2/1945  | 0.68<br>12/1946 | 0.83<br>3/1941      | 1.39<br>12/1946     | 1.64<br>1-2/1945   | 2.08<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.28<br>25/1950  | 0.51<br>25/1950 | 0.60<br>25/1950     | 1.17<br>25/1950     | 1.89<br>25/1950    | 2.43<br>24-25/1950 |
| Dec.   | Amt.<br>Date | 0.27<br>8/1944   | 0.41<br>27/1940 | 0.52c<br>27-28/1940 | 0.70<br>8/1944      | 0.90<br>27-28/1940 | 1.53<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.81<br>7/17/42  | 2.58<br>7/18/42 | 2.77<br>7/18/42     | 3.44<br>7/18/42     | 6.17<br>7/17-18/42 | 6.34<br>7/17-18/42 |

<sup>a</sup>Also 13/1950.

<sup>b</sup>Also 12/1946.

<sup>c</sup>Also 8/1944.

Station: BOONVILLE, NEW YORK

Drainage basin: BLACK

County: ONEIDA

Lat. 43° 27'N Long. 75° 17'W

Elev.(ft.) 1225

Period of record: OCTOBER 1949-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.22<br>24/1950  | 0.43<br>24/1950    | 0.63<br>24/1950    | 0.86<br>24/1950    | 1.06<br>24/1950    | 1.22<br>24/1950    |
| Feb.   | Amt.<br>Date | 0.12<br>23/1950  | 0.19<br>23/1950    | 0.24<br>13-14/1950 | 0.39<br>13-14/1950 | 0.50<br>13-14/1950 | 0.87<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.28<br>8/1950   | 0.49<br>8/1950     | 0.60<br>8/1950     | 0.72<br>8/1950     | 0.85<br>8-9/1950   | 0.92<br>8-9/1950   |
| Apr.   | Amt.<br>Date | 0.20<br>19/1950  | 0.35<br>19/1950    | 0.49<br>19-20/1950 | 0.72<br>19-20/1950 | 0.83<br>19-20/1950 | 0.91<br>19-20/1950 |
| May    | Amt.<br>Date | 0.24<br>10/1950  | 0.38<br>9-10/1950  | 0.41<br>9-10/1950  | 0.58<br>9-10/1950  | 0.62<br>9-10/1950  | 0.62<br>9-10/1950  |
| Jun.   | Amt.<br>Date | 0.38<br>24/1950  | 0.50<br>20-21/1950 | 0.52<br>20-21/1950 | 0.52<br>20-21/1950 | 0.58<br>3/1950     | 0.75<br>3/1950     |
| Jul.   | Amt.<br>Date | 0.25<br>31/1950  | 0.32<br>5/1950     | 0.52<br>5/1950     | 0.52<br>5/1950     | 0.67<br>5-6/1950   | 0.67<br>5-6/1950   |
| Aug.   | Amt.<br>Date | 0.46<br>18/1950  | 0.68<br>18/1950    | 0.68<br>18/1950    | 0.68<br>18/1950    | 0.95<br>31/1950    | 1.34<br>31-1/1950  |
| Sep.   | Amt.<br>Date | 0.38<br>15/1950  | 0.55<br>15/1950    | 0.67<br>15/1950    | 0.79<br>15/1950    | 0.85<br>15/1950    | 1.34<br>31-1/1950  |
| Oct.   | Amt.<br>Date | 0.23<br>10/1950  | 0.44<br>10/1950    | 0.54<br>10/1950    | 0.73<br>10/1950    | 0.80<br>10-11/1950 | 1.14<br>10-11/1950 |
| Nov.   | Amt.<br>Date | 0.40<br>20/1950  | 0.78<br>20/1950    | 1.10<br>20/1950    | 1.69<br>20/1950    | 2.07<br>20/1950    | 2.10<br>20/1950    |
| Dec.   | Amt.<br>Date | 0.35<br>21/1949  | 0.58<br>20-21/1949 | 0.77<br>20-21/1949 | 1.11<br>20-21/1949 | 1.27<br>20-21/1949 | 1.62<br>3-4/1950   |
| Annual | Amt.<br>Date | 0.46<br>8/18/50  | 0.78<br>11/20/50   | 1.10<br>11/20/50   | 1.69<br>11/20/50   | 2.07<br>11/20/50   | 2.10<br>11/20/50   |

Station: BRENTWOOD, NEW YORK

Drainage basin: COASTAL

County: SUFFOLK

Lat. 40° 47' N Long. 73° 15' W

Elev.(ft.) 95

Period of record: 1941-1950

| Month  |              | Duration (hours) |                 |                    |                    |                    |                    |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.35<br>4/1944   | 0.50a<br>4/1944 | 0.70<br>4/1944     | 1.16<br>4/1944     | 1.98<br>3-4/1944   | 3.18<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.31<br>22/1949  | 0.61<br>22/1949 | 0.86<br>22/1949    | 1.13<br>22-23/1949 | 1.45<br>16-17/1942 | 1.53<br>14-15/1950 |
| Mar.   | Amt.<br>Date | 0.50<br>13/1944  | 0.86<br>13/1944 | 1.34<br>13/1944    | 2.04<br>13/1944    | 2.56<br>12-13/1944 | 2.67<br>12-13/1944 |
| Apr.   | Amt.<br>Date | 0.75<br>25/1945  | 1.45<br>25/1945 | 1.85<br>25/1945    | 2.10<br>25/1945    | 2.12b<br>25/1945   | 2.35<br>25/1945    |
| May    | Amt.<br>Date | 0.64<br>19/1943  | 0.96<br>19/1943 | 1.16<br>19-20/1943 | 1.48<br>19-20/1943 | 1.56<br>16/1948    | 1.71<br>16-17/1948 |
| Jun.   | Amt.<br>Date | 2.17<br>13/1943  | 2.19<br>13/1943 | 2.27<br>7/1942     | 2.72<br>7-8/1942   | 2.78<br>7-8/1942   | 3.11<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.26<br>2/1946   | 1.83<br>2/1946  | 2.15<br>16/1947    | 2.65<br>15/1947    | 2.93<br>15/1947    | 2.93<br>15/1947    |
| Aug.   | Amt.<br>Date | 1.35<br>22/1946  | 1.80<br>7/1946  | 2.28<br>7/1946     | 3.64<br>7/1946     | 3.76<br>7/1946     | 3.76<br>7/1946     |
| Sep.   | Amt.<br>Date | 1.05<br>14/1943  | 1.87<br>14/1943 | 2.68<br>14-15/1943 | 4.08<br>14/1944    | 4.24<br>14-15/1943 | 4.24<br>14-15/1943 |
| Oct.   | Amt.<br>Date | 0.89<br>15/1943  | 1.10<br>15/1943 | 1.21<br>15/1943    | 1.86<br>15/1943    | 2.23<br>15-16/1943 | 2.23<br>15-16/1943 |
| Nov.   | Amt.<br>Date | 0.65c<br>10/1942 | 1.01<br>12/1947 | 1.36<br>12/1947    | 2.28<br>11-12/1947 | 2.86<br>11-12/1947 | 3.01<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.86<br>13/1941  | 1.27<br>13/1941 | 1.51<br>13/1941    | 2.14<br>13/1941    | 2.63<br>13-14/1941 | 2.75<br>13-14/1941 |
| Annual | Amt.<br>Date | 2.17<br>6/13/43  | 2.19<br>6/13/43 | 2.68<br>9/14-15/43 | 4.08<br>9/14/44    | 4.24<br>9/14-15/43 | 4.24<br>9/14-15/43 |

<sup>a</sup>Also 6/1944.

<sup>b</sup>Also 5/1947.

<sup>c</sup>Also 22/1945.



Station: BREWSTER, NEW YORK

Drainage basin: HUDSON

County: PUTNAM

Lat. 41° 26'N Long. 73° 36'W

Elev.(ft.) 620

Period of record: 1940-1948

| Month  |              | Duration (hours) |                 |                    |                    |                    |                    |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.35<br>31/1942  | 0.55<br>31/1942 | 0.75<br>31/1942    | 1.09<br>31/1942    | 1.20<br>28/1943    | 1.22<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.48<br>7/1941   | 0.94<br>7/1941  | 1.30<br>7/1941     | 1.87<br>7/1941     | 2.43<br>7/1941     | 2.56<br>7/1941     |
| Mar.   | Amt.<br>Date | 0.44a<br>9/1942  | 0.66<br>9/1942  | 1.06<br>9/1942     | 1.43<br>3/1942     | 1.71<br>3/1942     | 1.74<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.72<br>30/1947  | 0.85<br>30/1947 | 1.13<br>25/1945    | 1.70<br>25/1945    | 2.14<br>25/1945    | 2.37<br>24-25/1945 |
| May    | Amt.<br>Date | 1.47<br>26/1946  | 1.50<br>26/1946 | 1.52<br>26/1946    | 1.63<br>26/1946    | 1.64<br>26-27/1946 | 2.81<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 2.20<br>24/1944  | 2.54<br>24/1944 | 2.55<br>24/1944    | 2.55<br>24/1944    | 2.55<br>24/1944    | 2.63<br>24-25/1944 |
| Jul.   | Amt.<br>Date | 1.34<br>5/1943   | 1.96<br>11/1944 | 2.19<br>11/1944    | 2.19<br>11/1944    | 2.37<br>18/1945    | 3.12<br>17-18/1945 |
| Aug.   | Amt.<br>Date | 1.65<br>16/1947  | 2.75<br>16/1947 | 2.75<br>16/1947    | 2.85<br>16/1947    | 3.56<br>16-17/1947 | 3.86<br>16-17/1947 |
| Sep.   | Amt.<br>Date | 0.85<br>14/1944  | 1.45<br>14/1944 | 2.05<br>14/1944    | 2.71<br>14/1944    | 2.85<br>14/1944    | 2.90<br>14/1944    |
| Oct.   | Amt.<br>Date | 0.68<br>8/1948   | 0.97<br>8/1948  | 0.99<br>8/1948     | 1.50<br>15/1943    | 1.86<br>15-16/1943 | 2.25<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.52<br>8/1947   | 0.98<br>12/1947 | 1.37<br>12/1947    | 1.94<br>11-12/1947 | 2.47<br>11-12/1947 | 2.71<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.48<br>13/1941  | 0.93<br>13/1941 | 1.28<br>13-14/1941 | 1.84<br>13-14/1941 | 2.33<br>13-14/1941 | 2.51<br>13-14/1941 |
| Annual | Amt.<br>Date | 2.20<br>6/24/44  | 2.75<br>8/16/47 | 2.75<br>8/16/47    | 2.85<br>8/16/47    | 3.56<br>8/16-17/47 | 3.86<br>8/16-17/47 |

<sup>a</sup>Also 21/1948.

Station: BUFFALO, WB APT, NEW YORK\*

Drainage basin: LAKE ERIE

County: ERIE

Lat. 42° 56'N Long. 78° 44'W

Elev.(ft.) 693

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.37<br>1/1948   | 0.60<br>1/1948     | 0.63<br>1/1948     | 0.70<br>1/1948     | 0.88<br>1-2/1948   | 1.25<br>29-30/1947 |
| Feb.   | Amt.<br>Date | 0.40<br>15/1949  | 0.72<br>6/1942     | 0.78<br>6/1942     | 1.07<br>6/1942     | 1.58<br>6/1942     | 2.19<br>6-7/1942   |
| Mar.   | Amt.<br>Date | 0.40<br>21/1948  | 0.46<br>21/1948    | 0.56<br>30/1943    | 0.81<br>30/1943    | 1.15<br>31/1945    | 1.32<br>2-3/1942   |
| Apr.   | Amt.<br>Date | 0.31<br>12/1944  | 0.58<br>12/1944    | 0.66<br>12/1944    | 0.96<br>5/1941     | 1.62<br>5/1941     | 2.01<br>5/1941     |
| May    | Amt.<br>Date | 0.50<br>30/1942  | 0.73<br>30-31/1942 | 0.85<br>30-31/1942 | 1.00<br>16/1946    | 1.26<br>16/1946    | 1.53<br>23/1940    |
| Jun.   | Amt.<br>Date | 0.86<br>16/1950  | 0.92<br>23/1940    | 0.98<br>23/1940    | 1.54<br>23-24/1940 | 1.86<br>23-24/1940 | 2.22<br>23-24/1940 |
| Jul.   | Amt.<br>Date | 1.17<br>11/1946  | 1.38<br>17/1942    | 1.40<br>17/1942    | 2.00<br>17/1942    | 2.00<br>17/1942    | 2.36<br>17/1942    |
| Aug.   | Amt.<br>Date | 1.96<br>17/1949  | 2.31<br>17/1949    | 2.63<br>17/1944    | 3.54<br>17/1944    | 3.64<br>17/1944    | 3.65<br>17/1944    |
| Sep.   | Amt.<br>Date | 1.46<br>19/1948  | 1.86<br>19/1948    | 1.94<br>19/1948    | 2.10<br>18-19/1948 | 2.15<br>8/1942     | 3.08<br>8-9/1942   |
| Oct.   | Amt.<br>Date | 0.50<br>1/1948   | 0.64<br>1-2/1945   | 0.78<br>1-2/1945   | 0.96<br>1-2/1945   | 1.91<br>1-2/1945   | 3.49<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.38<br>19/1948  | 0.49<br>19/1948    | 0.67<br>10/1941    | 1.05<br>15-16/1949 | 1.90<br>15-16/1949 | 2.55<br>15-16/1949 |
| Dec.   | Amt.<br>Date | 0.36<br>27/1942  | 0.56<br>26/1949    | 0.68<br>26/1949    | 0.91<br>16/1945    | 1.21<br>16/1945    | 2.16<br>15-16/1945 |
| Annual | Amt.<br>Date | 1.96<br>8/17/49  | 2.31<br>8/17/49    | 2.63<br>8/17/44    | 3.54<br>8/17/44    | 3.64<br>8/17/44    | 3.65<br>8/17/44    |

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

February 24-hour, August 1-, 2-hour, September 2-hour and October 24-hour amounts are true maxima.

Station: BUFFALO WB APT, NEW YORK\*

Drainage basin: LAKE ERIE

County: ERIE

Lat. 42° 56'N Long. 78° 44'W

Elev.(ft.) 693

Period of record: 1890-1950

| Month  |              | Duration (hours) |                 |                 |                    |                     |                          |
|--------|--------------|------------------|-----------------|-----------------|--------------------|---------------------|--------------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                  | 24                       |
| Jan.   | Amt.<br>Date | 0.37<br>1/1948   | 0.60<br>1/1948  | 0.63<br>1/1948  | 0.96<br>1/1932     | 1.42<br>23-24/1896  | 2.02<br>23-24/1896       |
| Feb.   | Amt.<br>Date | 0.40<br>15/1949  | 0.72<br>6/1942  | 0.78<br>6/1942  | 1.07<br>6/1942     | 1.58<br>6/1942      | 2.19<br>6-7/1942         |
| Mar.   | Amt.<br>Date | 0.88<br>20/1897  | 0.88<br>20/1897 | 0.88<br>20/1897 | 1.16<br>17/1936    | 1.73E<br>17/1936    | 2.62<br>17/1936          |
| Apr.   | Amt.<br>Date | 0.55<br>13/1909  | 0.74<br>13/1909 | 0.95<br>13/1909 | 1.17<br>13/1909    | 1.62<br>5/1941      | 2.01<br>5/1941           |
| May    | Amt.<br>Date | 1.37<br>29/1899  | 1.40<br>29/1899 | 1.40<br>29/1899 | 1.44<br>29/1899    | 1.44<br>29/1899     | 2.15<br>19-20/1894       |
| Jun.   | Amt.<br>Date | 1.70<br>9/1892   | 2.22<br>9/1892  | 2.32E<br>9/1892 | 2.43<br>8/1892     | 2.50E<br>9/1892     | 2.76<br>23-24/1928       |
| Jul.   | Amt.<br>Date | 2.22<br>20/1911  | 2.79<br>24/1910 | 3.08<br>24/1910 | 3.08<br>24/1910    | 3.10<br>24-25/1910  | 3.56<br>19-20/1896       |
| Aug.   | Amt.<br>Date | 1.96<br>17/1949  | 2.31<br>17/1949 | 2.63<br>17/1944 | 3.54<br>17/1944    | 3.64<br>17/1944     | 4.28<br>28-29/1893       |
| Sep.   | Amt.<br>Date | 1.53<br>9/1929   | 1.86<br>19/1948 | 1.94<br>19/1948 | 2.10<br>18-19/1948 | 2.15<br>8/1942      | 3.08<br>8-9/1942         |
| Oct.   | Amt.<br>Date | 0.83<br>4/1898   | 0.85<br>22/1912 | 1.01<br>4/1898  | 1.67<br>22/1912    | 2.10E<br>22-23/1912 | 3.49<br>1-2/1945         |
| Nov.   | Amt.<br>Date | 0.59<br>18/1938  | 0.69<br>18/1938 | 0.81E<br>6/1920 | 1.32E<br>6-7/1920  | 2.22<br>6-7/1920    | 2.82<br>16-17/1920       |
| Dec.   | Amt.<br>Date | 0.40<br>29/1915  | 0.67<br>29/1915 | 0.87<br>29/1915 | 1.21<br>29/1915    | 1.53<br>28/1922     | 2.16<br>15-16/1945       |
| Annual | Amt.<br>Date | 2.22<br>7/20/11  | 2.79<br>7/24/10 | 3.08<br>7/24/10 | 3.54<br>8/17/44    | 3.64<br>8/17/44     | 4.28<br>8/28-<br>29/1893 |

\*Formerly Buffalo WB City, New York.

February 24-hr, March 1-, 2-, and 24-hr, April 1-, and 2-hr, May 1-, 2-, and 24-hr, June 1-, 2-, and 24-hr, July 1-, 2-, and 24-hr, August 1-, and 2-hr, September 1-, and 2-hr, October 1-, 2-, and 24-hr, and November 1-, 2-, and 24-hr amounts are true maxima.

Station: CANTON, NEW YORK\*

Drainage basin: ST. LAWRENCE

County: ST. LAWRENCE

Lat. 44° 35'N Long. 75° 10'W

Elev.(ft.) 406

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                   |                   |                    |                    |                    |
|--------|--------------|------------------|-------------------|-------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                 | 3                 | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.21<br>24/1950  | 0.37<br>24/1950   | 0.50<br>27/1944   | 0.77<br>27/1944    | 1.13<br>24/1950    | 1.17<br>24/1950    |
| Feb.   | Amt.<br>Date | 0.46<br>15/1949  | 0.64<br>15/1949   | 0.76<br>15/1949   | 1.02<br>15/1949    | 1.03<br>15/1949    | 1.07<br>7-8/1941   |
| Mar.   | Amt.<br>Date | 0.41<br>9/1942   | 0.57<br>8/1950    | 0.70<br>8/1950    | 0.87<br>8/1950     | 1.12<br>31/1945    | 1.48<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.31<br>15/1949  | 0.52<br>15/1949   | 0.62<br>15/1949   | 0.71a<br>15/1942   | 1.25<br>6/1949     | 1.57<br>6-7/1949   |
| May    | Amt.<br>Date | 0.79<br>29/1947  | 0.98<br>16/1946   | 1.17<br>16/1946   | 1.82<br>16/1946    | 2.02<br>16/1946    | 2.14<br>11-12/1943 |
| Jun.   | Amt.<br>Date | 2.45<br>18/1940  | 4.20<br>18/1940   | 4.49<br>18/1940   | 4.49<br>18/1940    | 4.49<br>18/1940    | 5.07<br>18-19/1940 |
| Jul.   | Amt.<br>Date | 1.30<br>7/1941   | 1.74<br>7/1947    | 1.79<br>7/1947    | 1.86<br>7/1947     | 2.29<br>7/1947     | 2.65<br>6-7/1947   |
| Aug.   | Amt.<br>Date | 1.18<br>31/1940  | 1.67<br>31-1/1940 | 2.55<br>31-1/1940 | 2.73<br>31-1/1940  | 2.76<br>31-1/1940  | 3.04<br>31-1/1940  |
| Sep.   | Amt.<br>Date | 1.04<br>13/1947  | 1.67<br>31-1/1940 | 2.55<br>31-1/1940 | 2.73<br>31-1/1940  | 2.76<br>31-1/1940  | 3.04<br>31-1/1940  |
| Oct.   | Amt.<br>Date | 0.36<br>27/1943  | 0.60<br>27/1943   | 0.76<br>8/1948    | 1.27<br>26-27/1943 | 1.53<br>26-27/1943 | 1.82<br>12/1946    |
| Nov.   | Amt.<br>Date | 0.40<br>5/1940   | 0.71<br>5/1940    | 0.75<br>5/1940    | 1.06<br>6/1948     | 1.62<br>4/1950     | 2.38<br>4/1950     |
| Dec.   | Amt.<br>Date | 0.30<br>30/1942  | 0.60<br>30/1942   | 0.86<br>30/1942   | 1.16<br>30/1942    | 1.69<br>30/1942    | 2.47<br>30-31/1942 |
| Annual | Amt.<br>Date | 2.45<br>6/18/40  | 4.20<br>6/18/40   | 4.49<br>6/18/40   | 4.49<br>6/18/40    | 4.49<br>6/18/40    | 5.07<br>6/18-19/40 |

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

March 1-hour, April 1-hour, May 1-, 2-hour, June 1-, 2-, and 24-hour, September 1-hour, and December 1-, 2-, and 24-hour amounts are true maxima.

<sup>a</sup>Also 15/1949.

Station: CANTON, NEW YORK

Drainage basin: ST. LAWRENCE

County: ST. LAWRENCE

Lat. 44° 35' N Long. 75° 10' W

Elev.(ft.) 406

Period of record: 1906-1950

| Month  |              | Duration (hours) |                   |                    |                    |                    |                    |
|--------|--------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                 | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.36<br>14/1937  | 0.49<br>14/1937   | 0.62<br>13-14/1937 | 0.82<br>13-14/1937 | 1.13<br>24/1950    | 1.38<br>8-9/1935   |
| Feb.   | Amt.<br>Date | 0.46<br>15/1949  | 0.64<br>15/1949   | 0.76<br>15/1949    | 1.02<br>15/1949    | 1.21E<br>25/1916   | 2.15<br>25-26/1916 |
| Mar.   | Amt.<br>Date | 0.41<br>9/1942   | 0.57<br>8/1950    | 0.70<br>8/1950     | 1.02<br>31-1/1934  | 1.18<br>31-1/1934  | 2.08<br>8/1930     |
| Apr.   | Amt.<br>Date | 0.31a<br>22/1937 | 0.55<br>22/1937   | 0.77<br>22/1937    | 1.09<br>22/1937    | 1.45<br>22/1937    | 1.67<br>21-22/1937 |
| May    | Amt.<br>Date | 0.79<br>29/1947  | 0.98<br>16/1946   | 1.17<br>16/1946    | 1.82<br>16/1946    | 2.02<br>16/1946    | 2.36<br>28-29/1912 |
| Jun.   | Amt.<br>Date | 2.45<br>18/1940  | 4.20<br>18/1940   | 4.49<br>18/1940    | 4.49<br>18/1940    | 4.49<br>18/1940    | 5.07<br>18-19/1940 |
| Jul.   | Amt.<br>Date | 2.34<br>3/1936   | 2.42<br>3/1936    | 2.44<br>3/1936     | 2.86<br>3/1936     | 2.88<br>3/1936     | 2.88<br>3/1936     |
| Aug.   | Amt.<br>Date | 1.18<br>31/1940  | 1.67<br>31-1/1940 | 2.55<br>31-1/1940  | 2.73<br>31-1/1940  | 2.76<br>31-1/1940  | 3.04<br>31-1/1940  |
| Sep.   | Amt.<br>Date | 1.04<br>13/1947  | 1.67<br>31-1/1940 | 2.55<br>31-1/1940  | 2.73<br>31-1/1940  | 2.76<br>31-1/1940  | 3.04<br>31-1/1940  |
| Oct.   | Amt.<br>Date | 0.59<br>8/1907   | 0.83<br>24/1923   | 1.21<br>24/1923    | 1.45<br>24/1923    | 2.04<br>5-6/1932   | 3.21<br>5-6/1932   |
| Nov.   | Amt.<br>Date | 0.45<br>17/1927  | 0.79<br>17/1927   | 0.87<br>17/1927    | 1.21<br>10/1932    | 1.85<br>26-27/1912 | 2.89<br>16-17/1927 |
| Dec.   | Amt.<br>Date | 0.30<br>30/1942  | 0.60<br>30/1942   | 0.86<br>30/1942    | 1.16<br>30/1942    | 1.69<br>30/1942    | 2.47<br>30-31/1942 |
| Annual | Amt.<br>Date | 2.45<br>6/18/40  | 4.20<br>6/18/40   | 4.49<br>6/18/40    | 4.49<br>6/18/40    | 4.49<br>6/18/40    | 5.07<br>6/18-19/40 |

<sup>a</sup>Also 15/1949.  
February 24-hr, March 1-, and 24-hr, Apr 1-hr, May 1-, 2-, and 24-hr,  
June 1-, 2-, and 24-hr, September 1-hr, October 24-hr, November and  
December 1-, 2-, and 24-hr amounts are true maxima.

Station: CHINA, NEW YORK

Drainage basin: DELAWARE

County: DELAWARE

Lat. 42° 10'N Long. 75° 24'W

Elev.(ft.) 1640

Period of record: 1940-1950 (BREAKS)

| Month  |              | Duration (hours) |                  |                    |                    |                    |                     |
|--------|--------------|------------------|------------------|--------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                | 3                  | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.16<br>31/1949  | 0.24<br>16/1945  | 0.35<br>16/1945    | 0.64<br>16/1945    | 0.88<br>16/1945    | 0.95a<br>15-16/1945 |
| Feb.   | Amt.<br>Date | 0.24b<br>23/1944 | 0.35<br>23/1944  | 0.50<br>22/1945    | 0.68<br>7/1941     | 1.06<br>7/1941     | 1.24<br>13-14/1950  |
| Mar.   | Amt.<br>Date | 0.30<br>21/1945  | 0.36<br>25/1947  | 0.48<br>30/1940    | 0.85<br>30/1940    | 1.34<br>30/1940    | 2.10<br>30-31/1940  |
| Apr.   | Amt.<br>Date | 0.52<br>30/1947  | 0.52<br>30/1947  | 0.64<br>5/1947     | 0.93<br>26-27/1945 | 1.31<br>26-27/1945 | 1.47<br>4-5/1947    |
| May    | Amt.<br>Date | 0.68<br>25/1946  | 0.91<br>18/1943  | 1.09<br>22/1942    | 1.61<br>22/1942    | 1.99<br>22-23/1942 | 2.12<br>22-23/1942  |
| Jun.   | Amt.<br>Date | 1.07<br>1/1943   | 1.46<br>14/1942  | 1.59<br>14/1942    | 1.60<br>14/1942    | 2.24<br>14/1947    | 2.44<br>14/1947     |
| Jul.   | Amt.<br>Date | 0.75<br>17/1942  | 0.99c<br>22/1943 | 1.15<br>22/1943    | 1.67<br>31/1941    | 1.91<br>7-8/1947   | 2.80<br>7-8/1947    |
| Aug.   | Amt.<br>Date | 0.57<br>14/1944  | 1.04<br>31/1940  | 1.46<br>31/1940    | 1.94<br>31/1940    | 2.13<br>31/1940    | 2.63<br>31-1/1940   |
| Sep.   | Amt.<br>Date | 0.96<br>2/1945   | 1.12<br>1-2/1945 | 1.26<br>1-2/1945   | 1.29<br>1-2/1945   | 1.51<br>24/1946    | 2.63<br>31-1/1940   |
| Oct.   | Amt.<br>Date | 0.48<br>16/1943  | 0.72<br>7/1940   | 0.85<br>7/1940     | 1.25<br>7/1940     | 1.75<br>26/1943    | 2.04<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.28<br>10/1942  | 0.38<br>3/1949   | 0.50<br>11-12/1947 | 0.84<br>8/1943     | 1.21<br>8-9/1943   | 1.73<br>8-9/1943    |
| Dec.   | Amt.<br>Date | 0.40<br>3/1950   | 0.59<br>3/1950   | 0.66<br>3/1950     | 1.15<br>4/1950     | 1.92<br>4/1950     | 2.37<br>3-4/1950    |
| Annual | Amt.<br>Date | 1.07<br>6/1/43   | 1.46<br>6/14/42  | 1.59<br>6/14/42    | 1.94<br>8/31/40    | 2.24<br>6/14/47    | 2.80<br>7/7-8/47    |

<sup>a</sup>Also 5-6/1949.

<sup>b</sup>Also 22/1945.

<sup>c</sup>Also 7/1947.



Station: COHOCTON NO. 1, NEW YORK

Drainage basin: SESQUEHANNA

County: STEUBEN

Lat. 42° 30' N Long. 77° 29' W

Elev.(ft.) 1500E

Period of record: 1940-1945 (BREAKS)

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.10<br>24/1941  | 0.16<br>24/1941 | 0.22<br>24/1941 | 0.42<br>24/1941    | 0.48<br>24/1941    | 0.50<br>24-25/1941 |
| Feb.   | Amt.<br>Date | 0.11<br>7/1942   | 0.20<br>7/1942  | 0.25<br>7/1942  | 0.43<br>7/1942     | 0.66<br>7/1943     | 1.03<br>6-7/1943   |
| Mar.   | Amt.<br>Date | 0.94<br>16/1942  | 1.20<br>16/1942 | 1.32<br>16/1942 | 1.36<br>16/1942    | 1.76<br>16/1942    | 1.76<br>16/1942    |
| Apr.   | Amt.<br>Date | 0.42<br>19/1941  | 0.57<br>19/1941 | 0.63<br>11/1940 | 1.04<br>11-12/1940 | 1.25<br>11-12/1940 | 1.60<br>5/1941     |
| May    | Amt.<br>Date | 0.44<br>22/1942  | 0.66<br>22/1942 | 0.74<br>22/1942 | 0.78<br>22/1942    | 1.19<br>22/1942    | 1.27<br>21-22/1942 |
| Jun.   | Amt.<br>Date | 1.12<br>30/1942  | 1.79<br>17/1941 | 2.29<br>17/1941 | 2.35<br>17/1941    | 2.35<br>17/1941    | 2.43<br>16-17/1941 |
| Jul.   | Amt.<br>Date | 1.69<br>18/1942  | 2.07<br>18/1942 | 2.12<br>18/1942 | 2.23<br>17-18/1942 | 4.45<br>17-18/1942 | 4.52<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 0.76<br>16/1943  | 0.80<br>16/1943 | 1.01<br>27/1943 | 1.22<br>27/1943    | 1.25<br>27/1943    | 1.33<br>27/1943    |
| Sep.   | Amt.<br>Date | 0.71<br>25/1945  | 1.07<br>14/1945 | 1.44<br>14/1945 | 1.69<br>14/1945    | 2.00<br>18/1945    | 2.51<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.32<br>26/1943  | 0.48<br>26/1943 | 0.57<br>26/1943 | 0.82<br>26/1943    | 1.05<br>28/1943    | 1.62<br>28-29/1943 |
| Nov.   | Amt.<br>Date | 0.28<br>8/1943   | 0.45<br>8/1943  | 0.60<br>8/1943  | 0.73<br>8/1943     | 0.84<br>31-1/1942  | 0.95<br>8/1943     |
| Dec.   | Amt.<br>Date | 0.38<br>24/1941  | 0.58<br>24/1941 | 0.72<br>24/1941 | 1.04<br>24/1941    | 1.14<br>24/1941    | 1.31<br>24/1941    |
| Annual | Amt.<br>Date | 1.69<br>7/18/42  | 2.07<br>7/18/42 | 2.29<br>6/17/41 | 2.35<br>6/17/41    | 4.45<br>7/17-18/42 | 4.52<br>7/17-18/42 |

Station: COHOCTON NO. 2, NEW YORK

Drainage basin: SUSQUEHANNA

County: STEUBEN

Lat. 42° 32'N Long. 77° 27'W

Elev.(ft.) 1700E

Period of record: 1940-1945 (BREAKS)

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.10<br>4/1943   | 0.15<br>3-4/1943   | 0.23<br>3-4/1943   | 0.36<br>3-4/1943   | 0.39<br>3-4/1943   | 0.45<br>3-4/1943   |
| Feb.   | Amt.<br>Date | 0.12<br>7/1942   | 0.24<br>7/1942     | 0.30<br>7/1942     | 0.49<br>7/1942     | 0.73<br>7/1942     | 0.95<br>6-7/1942   |
| Mar.   | Amt.<br>Date | 0.87<br>16/1942  | 1.15<br>16/1942    | 1.25<br>16/1942    | 1.30<br>16/1942    | 1.60<br>16/1942    | 1.60<br>16/1942    |
| Apr.   | Amt.<br>Date | 0.47<br>30/1943  | 0.70<br>30/1943    | 0.76<br>30/1943    | 0.95<br>5/1941     | 1.37<br>5/1941     | 1.80<br>5/1941     |
| May    | Amt.<br>Date | 0.70<br>25/1943  | 1.34<br>25-26/1943 | 1.40<br>25-26/1943 | 1.68<br>25-26/1943 | 1.99<br>25-26/1943 | 2.13<br>25-26/1943 |
| Jun.   | Amt.<br>Date | 1.34<br>30/1942  | 1.54<br>30/1942    | 1.62<br>30/1942    | 1.62<br>30/1942    | 1.62<br>30/1942    | 1.62<br>30/1942    |
| Jul.   | Amt.<br>Date | 1.36<br>17/1942  | 1.46<br>10/1942    | 1.99<br>17/1942    | 2.25<br>17/1942    | 3.68<br>17-18/1942 | 3.82<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 0.79<br>16/1943  | 0.98<br>27/1943    | 1.22<br>27/1943    | 1.39<br>27/1943    | 1.43<br>27/1943    | 1.56<br>27/1943    |
| Sep.   | Amt.<br>Date | 1.01<br>8/1940   | 1.11<br>8/1940     | 1.48<br>14/1945    | 1.71<br>14/1945    | 1.96<br>8/1940     | 2.17<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.42<br>16/1942  | 0.54<br>26/1943    | 0.63<br>26/1943    | 0.81<br>26/1943    | 1.07<br>28/1943    | 1.51<br>28-29/1943 |
| Nov.   | Amt.<br>Date | 0.27<br>8/1943   | 0.38<br>8/1943     | 0.54<br>8/1943     | 0.70<br>8/1943     | 0.80<br>31-1/1942  | 0.93<br>8/1943     |
| Dec.   | Amt.<br>Date | 0.37<br>24/1941  | 0.56<br>24/1941    | 0.73<br>24/1941    | 0.97<br>24/1941    | 1.05<br>24/1941    | 1.21<br>23-24/1941 |
| Annual | Amt.<br>Date | 1.36<br>7/17/42  | 1.54<br>6/30/42    | 1.99<br>7/17/42    | 2.25<br>7/17/42    | 3.68<br>7/17-18/42 | 3.82<br>7/17-18/42 |

Station: CONKLINGVILLE, NEW YORK

Drainage basin: HUDSON

County: SARATOGA

Lat. 43° 19'N Long. 73° 55'W

Elev.(ft) 808

Period of record: 1941-1950

| Month  |              | Duration (hours) |                  |                 |                    |                    |                     |
|--------|--------------|------------------|------------------|-----------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                | 3               | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.28<br>2/1948   | 0.46<br>2/1948   | 0.66<br>2/1948  | 1.05<br>2/1948     | 1.61<br>2/1948     | 3.10<br>31-1/1949   |
| Feb.   | Amt.<br>Date | 0.32<br>22/1945  | 0.62<br>22/1945  | 0.84<br>22/1945 | 1.28<br>22/1945    | 1.78<br>22/1945    | 1.98<br>21-22/1945  |
| Mar.   | Amt.<br>Date | 0.35<br>8/1950   | 0.60<br>8/1950   | 0.72<br>27/1950 | 1.16<br>21/1942    | 1.44<br>21-22/1942 | 1.66<br>2-3/1947    |
| Apr.   | Amt.<br>Date | 0.47<br>15/1949  | 0.64<br>15/1949  | 0.91<br>25/1945 | 1.50<br>25/1945    | 1.90<br>25/1945    | 1.96<br>25-26/1945  |
| May    | Amt.<br>Date | 0.46<br>29/1947  | 0.77<br>29/1947  | 0.82<br>29/1947 | 0.82<br>29/1947    | 1.16<br>20-21/1946 | 1.64<br>10-11/1945  |
| Jun.   | Amt.<br>Date | 1.05<br>25/1945  | 1.18<br>25/1945  | 1.39<br>24/1944 | 1.83<br>24/1944    | 2.34<br>23-24/1944 | 2.50<br>23-24/1944  |
| Jul.   | Amt.<br>Date | 1.01<br>13/1943  | 1.16<br>13/1943  | 1.30<br>13/1943 | 1.55<br>1/1946     | 1.75<br>1-2/1946   | 2.08<br>19-20/1945  |
| Aug.   | Amt.<br>Date | 1.10<br>29/1950  | 1.30<br>29/1950  | 1.52<br>29/1949 | 2.05<br>29/1949    | 3.42<br>28-29/1949 | 3.77<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 0.69<br>5/1949   | 1.11<br>18/1945  | 1.61<br>18/1945 | 2.64<br>18-19/1945 | 2.99<br>18-19/1945 | 3.15<br>26-27/1942  |
| Oct.   | Amt.<br>Date | 0.55<br>1/1945   | 0.83<br>27/1943  | 1.02<br>27/1943 | 1.31<br>27/1943    | 2.38<br>26-27/1943 | 2.84<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.52<br>6/1948   | 0.89<br>6/1948   | 1.00<br>6/1948  | 1.44<br>8/1947     | 1.95<br>8/1947     | 2.26<br>8-9/1943    |
| Dec.   | Amt.<br>Date | 0.49<br>24/1941  | 0.62E<br>24/1941 | 0.88<br>31/1948 | 1.60<br>31/1948    | 2.53<br>30-31/1948 | 4.22<br>30-31/1948  |
| Annual | Amt.<br>Date | 1.10<br>8/29/50  | 1.30<br>8/29/50  | 1.61<br>9/18/45 | 2.64<br>9/18-19/45 | 3.42<br>8/28-29/49 | 4.22<br>12/30-31/48 |

Station: CUTCROGUE, NEW YORK

Drainage basin: COASTAL

County: SUFFOLK

Lat. 41° 01'N Long. 72° 30'W

Elev.(ft.) 40

Period of record: 1940-1950

| Month  |              | Duration (hours) |                  |                 |                    |                    |                    |
|--------|--------------|------------------|------------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.50<br>31/1942  | 0.78<br>31/1942  | 1.05<br>31/1949 | 1.57<br>16-17/1941 | 2.11<br>16-17/1941 | 2.85<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.40<br>22/1949  | 0.70<br>22/1949  | 0.95<br>22/1949 | 1.38<br>15/1950    | 2.12<br>15/1950    | 3.29<br>14-15/1950 |
| Mar.   | Amt.<br>Date | 0.68<br>13/1944  | 1.23<br>13/1944  | 1.68<br>13/1944 | 2.53<br>13/1944    | 3.38<br>13/1944    | 3.49<br>12-13/1944 |
| Apr.   | Amt.<br>Date | 0.90<br>25/1945  | 1.30<br>25/1945  | 1.65<br>1/1948  | 2.30<br>1/1948     | 2.57<br>1/1948     | 3.01<br>25/1945    |
| May    | Amt.<br>Date | 0.75<br>7/1948   | 1.15<br>7/1948   | 1.35<br>7/1948  | 2.07<br>7/1948     | 2.26<br>7/1948     | 2.26<br>7/1948     |
| Jun.   | Amt.<br>Date | 0.75<br>13/1943  | 1.09<br>4/1942   | 1.11<br>4/1942  | 1.34<br>20/1941    | 2.15<br>2/1946     | 2.85<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 0.75<br>2/1946   | 1.20a<br>11/1940 | 1.62<br>11/1940 | 1.84<br>4/1940     | 2.11<br>3-4/1940   | 2.14<br>2-3/1942   |
| Aug.   | Amt.<br>Date | 1.90<br>7/1946   | 3.00<br>7/1946   | 3.50<br>7/1946  | 4.08<br>7/1946     | 4.98<br>7/1946     | 4.98<br>7/1946     |
| Sep.   | Amt.<br>Date | 1.01<br>13/1944  | 1.38<br>14/1944  | 1.95<br>14/1944 | 2.56<br>14/1944    | 2.64<br>14/1944    | 3.12<br>12-13/1944 |
| Oct.   | Amt.<br>Date | 0.65<br>29/1947  | 1.05<br>29/1947  | 1.25<br>29/1947 | 2.28<br>29/1947    | 2.48<br>29/1947    | 2.67<br>29-30/1947 |
| Nov.   | Amt.<br>Date | 0.85<br>10/1948  | 1.20<br>25/1950  | 1.63<br>25/1950 | 2.98<br>25/1950    | 4.24<br>11-12/1947 | 4.59<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.85<br>4/1950   | 1.53<br>31/1948  | 1.97<br>4/1950  | 2.39<br>31/1948    | 3.79<br>31/1948    | 4.98<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.90<br>8/7/46   | 3.00<br>8/7/46   | 3.50<br>8/7/46  | 4.08<br>8/7/46     | 4.98<br>8/7/46     | 4.98b<br>8/7/46    |

<sup>a</sup>Also 2/1946.

<sup>b</sup>Also 12/30-31/1948.

Station: DAVENPORT, NEW YORK

Drainage basin: SUSQUEHANNA

County: DELAWARE

Lat. 42° 28'N Long. 74° 51'W

Elev.(ft.) 1300

Period of record: 1944-1950

| Month  |              | Duration (hours) |                 |                  |                  |                    |                    |
|--------|--------------|------------------|-----------------|------------------|------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                | 6                | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.14<br>16/1945  | 0.25<br>16/1945 | 0.34<br>16/1945  | 0.49<br>16/1945  | 0.62<br>1/1945     | 1.00<br>6-7/1950   |
| Feb.   | Amt.<br>Date | 0.37<br>27/1946  | 0.60<br>27/1946 | 0.71<br>27/1946  | 0.97<br>27/1946  | 1.08<br>27-28/1946 | 1.29<br>26-27/1946 |
| Mar.   | Amt.<br>Date | 0.32<br>8/1950   | 0.53<br>8/1950  | 0.71<br>8/1950   | 0.88<br>8/1950   | 0.96<br>8/1950     | 1.03<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.42<br>25/1945  | 0.82<br>25/1945 | 1.02<br>25/1945  | 1.33<br>25/1945  | 1.35<br>25/1945    | 1.35<br>25/1945    |
| May    | Amt.<br>Date | 0.52<br>21/1946  | 0.69<br>29/1947 | 0.87<br>24/1949  | 1.20<br>24/1949  | 1.33<br>21/1946    | 1.63<br>20-21/1946 |
| Jun.   | Amt.<br>Date | 0.65<br>24/1948  | 1.05<br>19/1949 | 1.10<br>19/1949  | 1.10<br>19/1949  | 1.45<br>22-23/1948 | 1.48<br>22-23/1948 |
| Jul.   | Amt.<br>Date | 1.13<br>26/1945  | 1.25<br>26/1945 | 1.34<br>26/1945  | 1.51<br>22/1947  | 1.92<br>21-22/1947 | 2.48<br>21-22/1947 |
| Aug.   | Amt.<br>Date | 0.64<br>18/1950  | 1.19<br>18/1950 | 1.28<br>18/1950  | 1.79<br>29/1949  | 3.01<br>28-29/1949 | 3.27<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.75<br>2/1945   | 1.27<br>2/1945  | 1.72<br>1-2/1945 | 2.00<br>1-2/1945 | 2.00<br>1-2/1945   | 2.06<br>1-2/1945   |
| Oct.   | Amt.<br>Date | 0.27a<br>1/1945  | 0.42a<br>1/1945 | 0.64<br>1/1945   | 0.73<br>2/1945   | 1.05<br>1-2/1945   | 1.68<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.51<br>6/1948   | 1.02<br>6/1948  | 1.24<br>6/1948   | 1.57<br>6-7/1948 | 1.74<br>6-7/1948   | 1.74<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.39<br>4/1950   | 0.64<br>4/1950  | 0.85<br>4/1950   | 1.19<br>4/1950   | 1.48<br>4/1950     | 1.84<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.13<br>7/26/45  | 1.27<br>9/2/45  | 1.72<br>9/1-2/45 | 2.00<br>9/1-2/45 | 3.01<br>8/28-29/49 | 3.27<br>8/28-29/49 |

<sup>a</sup>Also 12/1946.

Station: DOWNSVILLE, NEW YORK

Drainage basin: DELAWARE

County: DELAWARE

Lat. 42° 06'N Long. 75° 00'W

Elev.(ft.) 1110

Period of record: 1941-1950

| Month  |              | Duration (hours) |                    |                     |                    |                    |                    |
|--------|--------------|------------------|--------------------|---------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                   | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.23<br>18/1943  | 0.36<br>10/1950    | 0.48<br>10/1950     | 0.77<br>10/1950    | 1.01<br>1/1945     | 1.49<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.26<br>20/1946  | 0.44<br>20/1946    | 0.64<br>20/1946     | 0.92<br>19-20/1946 | 1.24<br>19-20/1946 | 1.41<br>19-20/1946 |
| Mar.   | Amt.<br>Date | 0.46<br>8/1950   | 0.70<br>8/1950     | 0.96<br>8/1950      | 1.37<br>8/1950     | 1.55<br>8/1950     | 1.86<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.44<br>25/1945  | 0.66<br>25/1945    | 0.86<br>25/1945     | 1.19<br>25/1945    | 1.23<br>25/1945    | 1.44<br>13-14/1948 |
| May    | Amt.<br>Date | 2.86<br>23/1942  | 3.36<br>23/1942    | 3.44<br>22-23/1942  | 4.10<br>22-23/1942 | 4.49<br>22-23/1942 | 4.63<br>22-23/1942 |
| Jun.   | Amt.<br>Date | 1.47<br>4/1942   | 1.66<br>27/1946    | 1.78<br>27/1946     | 1.80<br>27/1946    | 1.80<br>27/1946    | 1.82<br>27-28/1946 |
| Jul.   | Amt.<br>Date | 1.20<br>28/1950  | 1.41<br>23/1946    | 1.51<br>23/1946     | 1.92<br>19/1945    | 2.20<br>18-19/1945 | 2.50<br>7-8/1947   |
| Aug.   | Amt.<br>Date | 1.30<br>16/1947  | 1.96<br>16/1947    | 2.12<br>16/1947     | 2.18<br>16/1947    | 2.34<br>16/1947    | 2.70<br>16/1947    |
| Sep.   | Amt.<br>Date | 1.48<br>2/1947   | 1.59<br>2/1947     | 1.61a<br>25-26/1945 | 1.67<br>25-26/1945 | 1.75<br>25-26/1945 | 3.04<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.40<br>29/1947  | 0.60<br>29-30/1947 | 0.74<br>26-27/1943  | 1.26<br>26-27/1943 | 2.10<br>26-27/1943 | 2.58<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.50<br>8/1947   | 0.66<br>8/1947     | 0.86b<br>8/1947     | 1.35<br>8/1943     | 1.80<br>8/1947     | 2.06<br>8-9/1943   |
| Dec.   | Amt.<br>Date | 0.29<br>24/1941  | 0.42<br>24/1941    | 0.55<br>24/1941     | 0.92<br>30/1948    | 1.42<br>30/1948    | 2.14<br>29-30/1948 |
| Annual | Amt.<br>Date | 2.86<br>5/23/42  | 3.36<br>5/23/42    | 3.44<br>5/22-23/42  | 4.10<br>5/22-23/42 | 4.49<br>5/22-23/42 | 4.63<br>5/22-23/42 |

<sup>a</sup>Also 2/1947.

<sup>b</sup>Also 6/1948.



Station: DUNKIRK CAA APT, NEW YORK

Drainage basin: LAKE ERIE

County: CHAUTAUQUA

Lat. 42° 30' N Long. 79° 17' W

Elev.(ft.) 669

Period of record: 1940-1950

| Month  |              | Duration (hours) |                  |                    |                    |                     |                     |
|--------|--------------|------------------|------------------|--------------------|--------------------|---------------------|---------------------|
|        |              | 1                | 2                | 3                  | 6                  | 12                  | 24                  |
| Jan.   | Amt.<br>Date | 0.30<br>15/1950  | 0.43<br>15/1950  | 0.47<br>15/1950    | 0.74E<br>30/1947   | 0.95<br>30/1947     | 0.95<br>30/1947     |
| Feb.   | Amt.<br>Date | 0.63<br>26/1944  | 0.87<br>26/1944  | 0.93<br>26/1944    | 0.98<br>26/1944    | 0.98<br>26/1944     | 1.37<br>13-14/1950  |
| Mar.   | Amt.<br>Date | 0.40<br>19/1948  | 0.48<br>19/1948  | 0.50<br>19/1948    | 0.86E<br>21/1945   | 1.27E<br>21-22/1945 | 1.96E<br>21-22/1945 |
| Apr.   | Amt.<br>Date | 0.67<br>18/1941  | 0.86<br>27/1943  | 0.94<br>27/1943    | 1.08<br>20/1947    | 1.43<br>20/1947     | 2.11<br>20-21/1947  |
| May    | Amt.<br>Date | 1.28<br>22/1944  | 1.44<br>14/1942  | 1.53<br>14/1942    | 1.64<br>14/1942    | 1.90<br>21-22/1944  | 2.18<br>21-22/1944  |
| Jun.   | Amt.<br>Date | 1.32<br>13/1943  | 2.35<br>17/1946  | 2.75<br>17-18/1946 | 2.91<br>17-18/1946 | 2.99<br>17-18/1946  | 3.27<br>17-18/1946  |
| Jul.   | Amt.<br>Date | 1.41<br>17/1942  | 2.02<br>17/1942  | 2.12<br>17-18/1942 | 2.22<br>17-18/1942 | 2.29<br>17-18/1942  | 2.54<br>17-18/1942  |
| Aug.   | Amt.<br>Date | 0.95<br>25/1941  | 1.64<br>25/1941  | 1.81<br>25/1941    | 2.23<br>25/1941    | 2.23<br>25/1941     | 2.37<br>25/1941     |
| Sep.   | Amt.<br>Date | 1.22<br>2/1947   | 1.79<br>1-2/1947 | 1.90<br>1-2/1947   | 2.12<br>1-2/1947   | 2.36<br>18/1945     | 2.70<br>17-18/1945  |
| Oct.   | Amt.<br>Date | 0.52<br>7/1940   | 0.91<br>14/1942  | 1.08<br>14/1942    | 1.35<br>14-15/1942 | 1.97<br>1-2/1945    | 2.92<br>1-2/1945    |
| Nov.   | Amt.<br>Date | 0.41<br>7/1947   | 0.54<br>20/1950  | 0.73<br>20/1950    | 1.03<br>20/1950    | 1.27<br>20/1950     | 1.74E<br>28-29/1945 |
| Dec.   | Amt.<br>Date | 0.24a<br>12/1944 | 0.37b<br>2/1942  | 0.55<br>12/1944    | 0.90E<br>12/1944   | 1.78E<br>11-12/1944 | 2.28<br>11-12/1944  |
| Annual | Amt.<br>Date | 1.41<br>7/17/42  | 2.35<br>6/17/46  | 2.75<br>6/17-18/46 | 2.91<br>6/17-18/46 | 2.99<br>6/17-18/46  | 3.27<br>6/17-18/46  |

<sup>a</sup>Also 26/1949.

<sup>b</sup>Also 12/1944.

Station: EAST HOMER, NEW YORK

Drainage basin: SUSQUEHANNA

County: CORTLAND

Lat. 42° 42' N Long. 76° 07' W

Elev.(ft.) 1480

Period of record: 1940-1950 (BREAKS)

| Month  |              | Duration (hours) |                 |                             |                             |                                 |                    |
|--------|--------------|------------------|-----------------|-----------------------------|-----------------------------|---------------------------------|--------------------|
|        |              | 1                | 2               | 3                           | 6                           | 12                              | 24                 |
| Jan.   | Amt.<br>Date | 0.15<br>1/1945   | 0.25<br>1/1945  | 0.35<br>1/1945              | 0.59<br>1/1945              | 0.86<br>1/1945                  | 1.23<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.38<br>22/1945  | 0.48<br>22/1945 | 0.56<br>22/1945             | 0.74<br>22/1945             | 0.86<br>21-22/1945              | 0.88<br>21-22/1945 |
| Mar.   | Amt.<br>Date | 0.33<br>8/1950   | 0.50<br>8/1950  | 0.53<br>8/1950              | 0.80<br>16-17/1942          | 1.14<br>16-17/1942              | 1.15<br>16-17/1942 |
| Apr.   | Amt.<br>Date | 0.23<br>19/1950  | 0.38<br>5/1941  | 0.52<br>5/1941              | 0.89<br>5/1941              | 1.37<br>5/1941                  | 1.79<br>5-6/1941   |
| May    | Amt.<br>Date | 0.60<br>22/1945  | 0.85<br>17/1945 | 0.92<br>17/1945             | 1.16<br>22/1942             | 1.40 <sup>a</sup><br>22-23/1942 | 1.86<br>6-7/1944   |
| Jun.   | Amt.<br>Date | 0.79<br>24/1950  | 0.90<br>3/1950  | 1.10<br>3/1950              | 1.78<br>2-3/1947            | 2.58<br>2-3/1947                | 2.81<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 0.50<br>21/1943  | 0.80<br>25/1949 | 0.95<br>9/1940              | 1.22<br>20/1950             | 2.33<br>1-2/1946                | 2.33<br>1-2/1946   |
| Aug.   | Amt.<br>Date | 0.74<br>9/1947   | 1.38<br>9/1947  | 1.56<br>9/1947              | 1.83<br>9/1947              | 2.14<br>27/1943                 | 2.58<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.56<br>18/1949  | 0.95<br>11/1950 | 1.06<br>10/1946             | 1.48<br>1/1950              | 1.81<br>10/1946                 | 2.61<br>9-10/1946  |
| Oct.   | Amt.<br>Date | 0.64<br>2/1945   | 0.86<br>2/1945  | 0.92<br>2/1945              | 1.06<br>2/1945              | 1.20<br>2/1945                  | 1.68<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.36<br>6/1948   | 0.58<br>25/1950 | 0.73 <sup>b</sup><br>8/1947 | 1.19 <sup>b</sup><br>8/1947 | 1.44 <sup>b</sup><br>8/1947     | 1.59<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.35<br>30/1942  | 0.55<br>30/1942 | 0.69<br>30/1942             | 1.05<br>29-30/1942          | 1.53<br>29-30/1942              | 2.28<br>29-30/1942 |
| Annual | Amt.<br>Date | 0.79<br>6/24/50  | 1.38<br>8/9/47  | 1.56<br>8/9/47              | 1.83<br>8/9/47              | 2.58<br>6/2-3/47                | 2.81<br>6/2-3/47   |

<sup>a</sup>Also 6-7/1944.

<sup>b</sup>Also 6-7/1948.

Station: EAST SIDNEY, NEW YORK

Drainage basin: SUSQUEHANNA

County: DELAWARE

Lat. 42° 20'N Long. 75° 14'W

Elev.(ft.) 1155

Period of record: ESTABLISHED APRIL 1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date |                  | N O                | R E C O R D        |                    |                    |                    |
| Feb.   | Amt.<br>Date |                  | N O                | R E C O R D        |                    |                    |                    |
| Mar.   | Amt.<br>Date |                  | N O                | R E C O R D        |                    |                    |                    |
| Apr.   | Amt.<br>Date | 0.23<br>20/1950  | 0.41<br>19-20/1950 | 0.57<br>19-20/1950 | 0.88<br>19-20/1950 | 1.03<br>19-20/1950 | 1.14<br>19-20/1950 |
| May    | Amt.<br>Date | 0.19<br>18/1950  | 0.31<br>18/1950    | 0.31<br>18/1950    | 0.33<br>18/1950    | 0.50<br>17-18/1950 | 0.58<br>18-19/1950 |
| Jun.   | Amt.<br>Date | 1.00<br>24/1950  | 1.01<br>24/1950    | 1.03<br>24/1950    | 1.05<br>24/1950    | 1.45<br>24/1950    | 1.49<br>24/1950    |
| Jul.   | Amt.<br>Date | 0.36<br>3/1950   | 0.38<br>3/1950     | 0.50E<br>13/1950   | 0.67<br>13/1950    | 0.67<br>13/1950    | 0.71<br>3-4/1950   |
| Aug.   | Amt.<br>Date | 0.86<br>31/1950  | 1.02<br>31/1950    | 1.19<br>31/1950    | 1.34<br>30-31/1950 | 1.35<br>31/1950    | 1.96<br>31/1950    |
| Sep.   | Amt.<br>Date | 0.47<br>1/1950   | 0.50<br>1/1950     | 0.51<br>1/1950     | 0.58<br>31-1/1950  | 0.91<br>31-1/1950  | 1.43<br>31-1/1950  |
| Oct.   | Amt.<br>Date | 0.14E<br>10/1950 | 0.28E<br>10/1950   | 0.42E<br>10/1950   | 0.85E<br>10/1950   | 1.02E<br>10/1950   | 1.31<br>9-10/1950  |
| Nov.   | Amt.<br>Date | 0.34<br>25/1950  | 0.50<br>25/1950    | 0.58<br>25/1950    | 0.80<br>25/1950    | 1.14<br>25/1950    | 1.32<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.15<br>3/1950   | 0.23E<br>3-4/1950  | 0.32E<br>3-4/1950  | 0.57E<br>3-4/1950  | 1.07E<br>3-4/1950  | 2.08E<br>3-4/1950  |
| Annual | Amt.<br>Date | 1.00<br>6/24/50  | 1.02<br>8/31/50    | 1.19<br>8/31/50    | 1.34<br>8/30-31/50 | 1.45<br>6/24/50    | 2.08E<br>12/3-4/50 |

Station: EDMESTON, NEW YORK\*

Drainage basin: SUSQUEHANNA

County: OTSEGO

Lat. 42° 41'N Long. 75° 15'W

Elev.(ft.) 1200

Period of record: 1940-1950

| Month  |              | Duration (hours)             |                    |                              |                             |                                 |                    |
|--------|--------------|------------------------------|--------------------|------------------------------|-----------------------------|---------------------------------|--------------------|
|        |              | 1                            | 2                  | 3                            | 6                           | 12                              | 24                 |
| Jan.   | Amt.<br>Date | 0.18 <sup>a</sup><br>6/1944  | 0.36<br>6/1944     | 0.46<br>6/1944               | 0.58 <sup>b</sup><br>6/1944 | 0.79<br>1/1945                  | 1.32<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.25<br>19/1946              | 0.30<br>19/1946    | 0.37<br>7/1941               | 0.68<br>7/1941              | 1.14<br>7-8/1941                | 1.19<br>7-8/1941   |
| Mar.   | Amt.<br>Date | 0.34<br>17/1942              | 0.55<br>17/1942    | 0.72<br>16-17/1942           | 1.17<br>16-17/1942          | 1.44<br>16-17/1942              | 1.61<br>29-30/1940 |
| Apr.   | Amt.<br>Date | 0.30 <sup>c</sup><br>27/1943 | 0.57<br>26/1945    | 0.77<br>26/1945              | 1.05<br>26/1945             | 1.40<br>26-27/1945              | 1.45<br>26-27/1945 |
| May    | Amt.<br>Date | 0.51<br>17/1943              | 0.81<br>21-22/1947 | 1.07<br>21-22/1947           | 1.31<br>21-22/1947          | 1.43 <sup>E</sup><br>22-23/1942 | 1.92<br>22-23/1942 |
| Jun.   | Amt.<br>Date | 1.01<br>25/1949              | 1.19<br>25/1949    | 1.40<br>25/1949              | 1.48<br>21/1943             | 1.68<br>15/1945                 | 1.90<br>1-2/1943   |
| Jul.   | Amt.<br>Date | 0.82<br>1/1946               | 1.10<br>1/1946     | 1.15<br>1/1946               | 1.26<br>1/1946              | 2.05<br>21-22/1947              | 2.25<br>21-22/1947 |
| Aug.   | Amt.<br>Date | 0.97<br>29/1949              | 1.32<br>29/1949    | 1.53<br>29/1949              | 2.28<br>29/1949             | 3.79<br>28-29/1949              | 4.20<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.64<br>1/1950               | 0.82<br>1/1950     | 1.06 <sup>d</sup><br>29/1946 | 1.50<br>1/1950              | 1.88<br>27/1942                 | 2.69<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.45<br>16/1943              | 0.52<br>10/1950    | 0.74<br>10/1950              | 1.17<br>17/1942             | 1.62<br>17/1942                 | 1.83<br>17-18/1942 |
| Nov.   | Amt.<br>Date | 0.46<br>16/1944              | 0.52<br>16/1944    | 0.67 <sup>e</sup><br>16/1944 | 1.05<br>6/1948              | 1.13<br>6-7/1948                | 1.35<br>2-3/1945   |
| Dec.   | Amt.<br>Date | 0.30<br>29/1940              | 0.52<br>29/1940    | 0.65<br>30/1942              | 0.91<br>30/1942             | 1.53<br>27-28/1942              | 1.84<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.01<br>6/25/49              | 1.32<br>8/29/49    | 1.53<br>8/29/49              | 2.28<br>8/29/49             | 3.79<br>8/28-29/49              | 4.20<br>8/28-29/49 |

<sup>a</sup>Also 15/1947.

<sup>b</sup>Also 16/1945.

<sup>c</sup>Also 12/1944.

<sup>d</sup>Also 1/1950.

<sup>e</sup>Also 6/1948.

\*Formerly North Edmeston, New York

Station: ELLENVILLE, NEW YORK

Drainage basin: HUDSON

County: ULSTER

Lat. 41° 43' N Long. 74° 24' W

Elev.(ft.) 330

Period of record: AUGUST 1949-1950

| Month  |              | Duration (hours) |                             |                  |                              |                    |                    |
|--------|--------------|------------------|-----------------------------|------------------|------------------------------|--------------------|--------------------|
|        |              | 1                | 2                           | 3                | 6                            | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.24<br>10/1950  | 0.43<br>10/1950             | 0.58<br>10/1950  | 0.88<br>10/1950              | 0.94<br>10/1950    | 1.12<br>6-7/1950   |
| Feb.   | Amt.<br>Date | 0.19<br>14/1950  | 0.24 <sup>a</sup><br>9/1950 | 0.31<br>14/1950  | 0.61<br>14/1950              | 1.03<br>14/1950    | 1.32<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.40<br>8/1950   | 0.64<br>8/1950              | 0.76<br>8/1950   | 0.86<br>8-9/1950             | 0.87<br>8-9/1950   | 1.18<br>8-9/1950   |
| Apr.   | Amt.<br>Date | 0.33<br>20/1950  | 0.45<br>20/1950             | 0.56<br>20/1950  | 0.93<br>20/1950              | 1.16<br>20/1950    | 1.21<br>20/1950    |
| May    | Amt.<br>Date | 0.29<br>4/1950   | 0.45<br>4-5/1950            | 0.55<br>4-5/1950 | 0.58<br>25/1950              | 0.71<br>23-24/1950 | 0.76<br>23-24/1950 |
| Jun.   | Amt.<br>Date | 0.55<br>10/1950  | 0.87<br>1/1950              | 1.16<br>1/1950   | 1.38<br>1/1950               | 1.40<br>1/1950     | 1.42<br>1/1950     |
| Jul.   | Amt.<br>Date | 0.29<br>24/1950  | 0.33<br>24/1950             | 0.37<br>11/1950  | 0.51<br>11/1950              | 0.75<br>10-11/1950 | 0.93<br>10-11/1950 |
| Aug.   | Amt.<br>Date | 0.41<br>29/1950  | 0.53<br>29/1949             | 0.65<br>29/1949  | 1.00<br>29/1949              | 1.14<br>29/1949    | 1.14<br>29/1949    |
| Sep.   | Amt.<br>Date | 0.28<br>10/1950  | 0.44<br>10/1950             | 0.48<br>10/1950  | 0.67<br>29/1949              | 1.01<br>10/1950    | 1.17<br>10-11/1950 |
| Oct.   | Amt.<br>Date | 0.54<br>10/1950  | 0.75<br>10/1950             | 0.76<br>10/1950  | 0.77 <sup>b</sup><br>10/1950 | 0.78<br>10/1950    | 1.55<br>9-10/1950  |
| Nov.   | Amt.<br>Date | 0.41<br>25/1950  | 0.61<br>25/1950             | 0.75<br>25/1950  | 1.11<br>25/1950              | 1.86<br>25/1950    | 2.25<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.27<br>4/1950   | 0.45<br>4/1950              | 0.60<br>4/1950   | 1.07<br>4/1950               | 1.50<br>4/1950     | 1.87<br>4/1950     |
| Annual | Amt.<br>Date | 0.55<br>6/10/50  | 0.87<br>6/1/50              | 1.16<br>6/1/50   | 1.38<br>6/1/50               | 1.86<br>11/25/50   | 2.25<br>11/25/50   |

<sup>a</sup>Also 14/1950. <sup>b</sup>Also 9-10/1950.

Station: ELMA, NEW YORK

Drainage basin: LAKE ERIE

County: ERIE

Lat. 42° 51'N Long. 78° 39'W

Elev.(ft.) 765

Period of record: 1945-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.25<br>30/1947  | 0.39<br>14/1947    | 0.45<br>14/1947    | 0.61<br>14-15/1947 | 0.78<br>15-16/1950 | 0.90<br>6-7/1950   |
| Feb.   | Amt.<br>Date | 0.27<br>14/1950  | 0.42<br>14/1950    | 0.57<br>14/1950    | 0.84<br>14/1950    | 1.16<br>14/1950    | 1.87<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.26<br>21/1948  | 0.36<br>21/1948    | 0.45<br>21/1948    | 0.68<br>21-22/1948 | 0.83<br>21-22/1948 | 1.12<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.34<br>6/1948   | 0.49<br>5/1947     | 0.63<br>5/1947     | 0.96<br>5/1947     | 1.17<br>5-6/1948   | 1.40<br>4-5/1947   |
| May    | Amt.<br>Date | 0.44<br>22/1949  | 0.51<br>22/1949    | 0.52<br>22/1949    | 0.75<br>10/1948    | 0.98<br>10/1948    | 1.19<br>9-10/1948  |
| Jun.   | Amt.<br>Date | 0.64<br>3/1950   | 0.73<br>3/1950     | 0.82<br>3/1950     | 1.09<br>3/1950     | 1.20<br>14/1947    | 1.54<br>1-2/1947   |
| Jul.   | Amt.<br>Date | 0.82<br>27/1948  | 0.97<br>24-25/1949 | 1.42<br>24-25/1949 | 1.49<br>24-25/1949 | 1.49<br>24-25/1949 | 1.49<br>24-25/1949 |
| Aug.   | Amt.<br>Date | 0.52<br>31/1950  | 0.70<br>17/1949    | 0.98<br>31/1950    | 1.42<br>31/1950    | 1.53<br>31/1950    | 2.08<br>31-1/1950  |
| Sep.   | Amt.<br>Date | 1.65<br>19/1948  | 2.17<br>19/1948    | 2.52<br>19/1948    | 2.67<br>19/1948    | 2.71<br>18-19/1948 | 2.71<br>18-19/1948 |
| Oct.   | Amt.<br>Date | 0.53<br>1/1945   | 0.80<br>1/1945     | 0.96<br>1/1945     | 1.23<br>1-2/1945   | 1.99<br>1-2/1945   | 3.18<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.40<br>19/1948  | 0.55<br>19/1948    | 0.63<br>8/1947     | 0.86<br>8/1947     | 1.11<br>4/1950     | 1.90<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.28<br>26/1949  | 0.43<br>26/1949    | 0.52<br>26/1949    | 0.76<br>26/1949    | 0.82<br>26/1949    | 0.84<br>26/1949    |
| Annual | Amt.<br>Date | 1.65<br>9/19/48  | 2.17<br>9/19/48    | 2.52<br>9/19/48    | 2.67<br>9/19/48    | 2.71<br>9/18-19/48 | 3.18<br>10/1-2/45  |



Station: FORT PLAIN, NEW YORK

Drainage basin: MOHAWK

County: MONTGOMERY

Lat. 42° 56'N Long. 74° 37'W

Elev.(ft.) 305

Period of record: 1940-1950 (BREAK)

| Month  |              | Duration (hours) |                              |                              |                              |                              |                                 |
|--------|--------------|------------------|------------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|
|        |              | 1                | 2                            | 3                            | 6                            | 12                           | 24                              |
| Jan.   | Amt.<br>Date | 0.42<br>16/1950  | 0.57<br>6/1950               | 0.70<br>10/1950              | 1.08<br>10/1950              | 1.37<br>10/1950              | 1.73<br>6-7/1950                |
| Feb.   | Amt.<br>Date | 0.38<br>19/1950  | 0.43<br>13/1948              | 0.52<br>13/1948              | 0.71<br>13-14/1948           | 0.97<br>13-14/1948           | 1.09<br>22-23/1950              |
| Mar.   | Amt.<br>Date | 0.64<br>8/1950   | 0.93<br>8/1950               | 1.09<br>8/1950               | 1.29<br>8/1950               | 1.34<br>8-9/1950             | 1.36<br>8-9/1950                |
| Apr.   | Amt.<br>Date | 0.62<br>27/1943  | 0.87<br>27/1943              | 0.95<br>27/1943              | 0.96<br>27-28/1943           | 1.26<br>27-28/1943           | 1.30<br>27-28/1943              |
| May    | Amt.<br>Date | 0.64<br>7/1942   | 0.91<br>7/1942               | 1.01<br>7/1942               | 1.40<br>22-23/1942           | 1.61<br>22-23/1942           | 1.62<br>22-23/1942              |
| Jun.   | Amt.<br>Date | 0.74<br>28/1947  | 0.93<br>5/1948               | 1.07<br>5/1948               | 1.31<br>5/1948               | 1.53<br>2-3/1947             | 1.56<br>2-3/1947                |
| Jul.   | Amt.<br>Date | 0.88<br>6/1948   | 1.18<br>6/1948               | 1.20<br>22/1945              | 1.26<br>22/1945              | 1.45<br>6/1948               | 2.11<br>5-6/1948                |
| Aug.   | Amt.<br>Date | 1.51<br>18/1950  | 1.76<br>18/1950              | 1.81<br>18/1950              | 2.46<br>19-20/1950           | 2.47<br>19-20/1950           | 2.79<br>31-1/1950               |
| Sep.   | Amt.<br>Date | 0.73<br>14/1944  | 1.05<br>18/1945              | 1.30<br>18/1945              | 1.78<br>18/1945              | 2.05<br>18/1945              | 2.79<br>31-1/1950               |
| Oct.   | Amt.<br>Date | 0.39<br>2/1945   | 0.55 <sup>a</sup><br>16/1943 | 0.69<br>26-27/1943           | 0.95<br>26-27/1943           | 1.49<br>26-27/1943           | 1.61<br>1-2/1945                |
| Nov.   | Amt.<br>Date | 0.47<br>8/1947   | 0.59<br>8/1947               | 0.86<br>8/1947               | 1.18<br>8/1947               | 1.33<br>8/1947               | 1.60<br>25/1950                 |
| Dec.   | Amt.<br>Date | 0.32<br>29/1940  | 0.44 <sup>E</sup><br>30/1942 | 0.60 <sup>E</sup><br>30/1942 | 0.92 <sup>E</sup><br>30/1942 | 1.51 <sup>E</sup><br>30/1942 | 2.32 <sup>E</sup><br>29-30/1942 |
| Annual | Amt.<br>Date | 1.51<br>8/18/50  | 1.76<br>8/18/50              | 1.81<br>8/18/50              | 2.46<br>8/19-20/50           | 2.47<br>8/19-20/50           | 2.79<br>8/31-<br>9/1/50         |

<sup>a</sup>Also 12/1946.

Station: GENEVA, NEW YORK

Drainage basin: OSWEGO

County: ONTARIO

Lat. 42° 53' N Long. 77° 01' W

Elev.(ft.) 620

Period of record: 1940-1950

| Month  |              | Duration (hours)             |                                 |                    |                    |                    |                    |
|--------|--------------|------------------------------|---------------------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                            | 2                               | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.21<br>30/1947              | 0.39<br>30/1947                 | 0.48<br>30/1947    | 0.70<br>30/1947    | 0.87<br>30-31/1947 | 0.87<br>30-31/1947 |
| Feb.   | Amt.<br>Date | 0.22<br>10/1940              | 0.37 <sup>a</sup><br>7/1942     | 0.55<br>7/1942     | 0.85<br>7/1942     | 1.29<br>19/1940    | 2.21<br>19-20/1940 |
| Mar.   | Amt.<br>Date | 0.37 <sup>E</sup><br>17/1942 | 0.73 <sup>E</sup><br>16-17/1942 | 1.09<br>16-17/1942 | 1.30<br>16-17/1942 | 1.60<br>16-17/1942 | 1.62<br>16-17/1942 |
| Apr.   | Amt.<br>Date | 0.34<br>18/1941              | 0.44<br>27/1943                 | 0.54<br>27/1943    | 0.75<br>5/1941     | 1.06<br>27/1943    | 1.51<br>5-6/1941   |
| May    | Amt.<br>Date | 0.71<br>28/1948              | 1.21<br>26/1943                 | 1.49<br>28/1948    | 1.52<br>28/1948    | 1.66<br>25-26/1943 | 1.90<br>6-7/1944   |
| Jun.   | Amt.<br>Date | 1.44<br>11/1940              | 1.57<br>11/1940                 | 1.59<br>11/1940    | 1.59<br>11/1940    | 1.59<br>11/1940    | 1.59<br>11/1940    |
| Jul.   | Amt.<br>Date | 1.02<br>7/1941               | 1.30<br>7/1941                  | 1.38<br>5/1950     | 1.76<br>1/1946     | 1.77<br>1/1946     | 1.77<br>1/1946     |
| Aug.   | Amt.<br>Date | 2.26<br>9/1947               | 2.36<br>9/1947                  | 2.36<br>9/1947     | 2.36<br>9/1947     | 2.36<br>9/1947     | 2.36<br>9/1947     |
| Sep.   | Amt.<br>Date | 1.06<br>14/1945              | 1.72<br>14/1945                 | 2.21<br>14/1945    | 2.35<br>14/1945    | 2.38<br>14-15/1945 | 2.76<br>14-15/1945 |
| Oct.   | Amt.<br>Date | 0.47<br>26/1943              | 0.87<br>26/1943                 | 1.12<br>26/1943    | 1.54<br>9/1950     | 2.42<br>8-9/1950   | 2.53<br>8-9/1950   |
| Nov.   | Amt.<br>Date | 0.35 <sup>b</sup><br>8/1947  | 0.46<br>8/1943                  | 0.61<br>8/1943     | 1.02<br>8/1943     | 1.36<br>4/1950     | 1.90<br>4/1950     |
| Dec.   | Amt.<br>Date | 0.36<br>8/1950               | 0.43<br>27/1942                 | 0.62<br>24/1941    | 1.14<br>24/1941    | 1.39<br>27-28/1942 | 2.00<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.26<br>8/9/47               | 2.36<br>8/9/47                  | 2.36<br>8/9/47     | 2.36<br>8/9/47     | 2.42<br>10/8-9/50  | 2.76<br>9/14-15/45 |

<sup>a</sup>Also 14/1950.

<sup>b</sup>Also 4/1947.

Station: HAMMONSPORT, NEW YORK

Drainage basin: OSWEGO

County: STEUBEN

Lat. 42° 24' N Long. 77° 15' W

Elev.(ft.) 1300

Period of record: 1940-1946

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.15<br>14/1940  | 0.20<br>24/1941 | 0.29<br>24/1941 | 0.53<br>24/1941    | 0.61<br>24/1941    | 0.64<br>24-25/1941 |
| Feb.   | Amt.<br>Date | 0.40<br>15/1945  | 0.47<br>15/1945 | 0.49<br>7/1942  | 0.77<br>14/1940    | 1.39<br>14/1940    | 1.94<br>13-14/1940 |
| Mar.   | Amt.<br>Date | 0.38<br>16/1942  | 0.67<br>16/1942 | 0.77<br>16/1942 | 0.91<br>21/1945    | 1.21<br>21/1945    | 1.70<br>21-22/1945 |
| Apr.   | Amt.<br>Date | 0.34<br>30/1943  | 0.53<br>5/1941  | 0.61<br>5/1941  | 0.90<br>5/1941     | 1.50<br>5/1941     | 2.01<br>5-6/1941   |
| May    | Amt.<br>Date | 2.46<br>23/1944  | 2.56<br>23/1944 | 2.61<br>23/1944 | 2.65<br>23/1944    | 2.65<br>23/1944    | 2.76<br>22-23/1944 |
| Jun.   | Amt.<br>Date | 0.71<br>8/1946   | 0.93<br>10/1945 | 0.93<br>10/1945 | 1.00<br>15/1945    | 1.00a<br>10/1945   | 1.04<br>10-11/1945 |
| Jul.   | Amt.<br>Date | 1.22<br>10/1944  | 1.31<br>10/1944 | 1.31<br>10/1944 | 1.38<br>17-18/1942 | 2.29<br>17-18/1942 | 2.40<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 0.88<br>17/1946  | 1.11<br>17/1946 | 1.17<br>17/1946 | 1.27<br>17/1946    | 1.27<br>17/1946    | 1.27<br>17/1946    |
| Sep.   | Amt.<br>Date | 1.01<br>17/1942  | 1.02<br>17/1942 | 1.03<br>17/1942 | 1.41<br>18/1945    | 1.89<br>18/1945    | 2.55<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.41b<br>16/1943 | 0.70<br>16/1943 | 0.81<br>16/1943 | 0.97<br>16/1943    | 1.30<br>16/1943    | 1.48<br>15-16/1943 |
| Nov.   | Amt.<br>Date | 0.39<br>29/1945  | 0.48<br>8/1943  | 0.72<br>8/1943  | 0.94<br>8/1943     | 1.24<br>28-29/1945 | 2.02<br>28-29/1945 |
| Dec.   | Amt.<br>Date | 0.30<br>28/1940  | 0.48<br>24/1941 | 0.66<br>24/1941 | 1.08<br>24/1941    | 1.20<br>24/1941    | 1.57<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.46<br>5/23/44  | 2.56<br>5/23/44 | 2.61<br>5/23/44 | 2.65<br>5/23/44    | 2.65<br>5/23/44    | 2.76<br>5/23-24/44 |

<sup>a</sup>Also 15/1945.

<sup>b</sup>Also 26/1943.

Station: HIGGINS BAY, NEW YORK

Drainage basin: HUDSON

County: HAMILTON

Lat. 43° 24'N Long. 74° 32'W

Elev.(ft.) 1680

Period of record: 1942-1948

| Month  |              | Duration (hours) |                              |                             |                             |                                |                                |
|--------|--------------|------------------|------------------------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|
|        |              | 1                | 2                            | 3                           | 6                           | 12                             | 24                             |
| Jan.   | Amt.<br>Date | 0.29<br>2/1948   | 0.47 <sup>E</sup><br>1/1945  | 0.68 <sup>E</sup><br>1/1945 | 1.17 <sup>E</sup><br>1/1945 | 1.73 <sup>E</sup><br>31-1/1945 | 2.17 <sup>E</sup><br>31-1/1945 |
| Feb.   | Amt.<br>Date | 0.41<br>14/1948  | 0.74<br>14/1948              | 0.92<br>14/1948             | 1.60<br>13-14/1948          | 1.98<br>13-14/1948             | 2.14<br>13-14/1948             |
| Mar.   | Amt.<br>Date | 0.39<br>19/1948  | 0.68<br>19/1948              | 0.81<br>19/1948             | 1.46<br>19/1948             | 2.38<br>19/1948                | 2.43<br>19-20/1948             |
| Apr.   | Amt.<br>Date | 0.34<br>26/1945  | 0.59<br>26/1945              | 0.65<br>26/1945             | 1.15<br>26-27/1945          | 1.72<br>4-5/1945               | 1.72<br>4-5/1945               |
| May    | Amt.<br>Date | 0.54<br>17/1945  | 0.86<br>17/1945              | 0.94<br>17/1945             | 1.23<br>17/1945             | 1.59<br>20-21/1946             | 1.68<br>20-21/1946             |
| Jun.   | Amt.<br>Date | 1.29<br>14/1947  | 1.90<br>14/1947              | 2.04<br>14/1947             | 2.47<br>14/1947             | 2.66<br>14/1947                | 3.17<br>14-15/1947             |
| Jul.   | Amt.<br>Date | 1.27<br>19/1945  | 2.21<br>19/1945              | 2.31<br>19/1945             | 2.82<br>19/1945             | 3.19<br>19-20/1945             | 4.02<br>19-20/1945             |
| Aug.   | Amt.<br>Date | 1.07<br>8/1947   | 1.45<br>12/1948              | 1.70<br>12/1948             | 1.96<br>12/1948             | 1.96<br>12/1948                | 2.21<br>9-10/1943              |
| Sep.   | Amt.<br>Date | 0.71<br>1/1945   | 1.01 <sup>a</sup><br>1/1945  | 1.13<br>10/1946             | 1.65<br>18/1945             | 2.00<br>18/1945                | 2.02<br>18/1945                |
| Oct.   | Amt.<br>Date | 0.38<br>16/1943  | 0.43 <sup>b</sup><br>16/1943 | 0.65<br>2/1945              | 1.19<br>2/1945              | 1.74<br>1-2/1945               | 3.15<br>1-2/1945               |
| Nov.   | Amt.<br>Date | 0.30<br>8/1947   | 0.59<br>8/1947               | 0.79<br>8/1947              | 1.18<br>8/1947              | 1.61<br>8/1947                 | 1.61<br>8/1947                 |
| Dec.   | Amt.<br>Date | 0.38<br>29/1942  | 0.51<br>29/1942              | 0.76<br>29/1942             | 1.12<br>29/1942             | 2.06<br>29/1942                | 2.63<br>28-29/1942             |
| Annual | Amt.<br>Date | 1.29<br>6/14/47  | 2.21<br>7/19/45              | 2.31<br>7/19/45             | 2.82<br>7/19/45             | 3.19<br>7/19-20/45             | 4.02<br>7/19-20/45             |

<sup>a</sup>Also 10/1946.

<sup>b</sup>Also 2/1945.

Station: HIGHMARKET, NEW YORK

Drainage basin: OSWEGO

County: LEWIS

Lat. 43° 35'N Long. 75° 30'W

Elev.(ft.) 1760

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.25<br>15/1947  | 0.45<br>24/1950    | 0.60<br>24/1950    | 0.97<br>30/1947    | 1.56<br>20/1947    | 1.75<br>20/1947    |
| Feb.   | Amt.<br>Date | 0.33<br>14/1948  | 0.50<br>14/1948    | 0.74<br>14/1948    | 1.18<br>13-14/1948 | 1.45<br>13-14/1948 | 1.56<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.51<br>9/1942   | 0.54<br>9/1942     | 0.59<br>19/1948    | 0.92<br>8-9/1946   | 1.29<br>8-9/1946   | 1.43<br>8-9/1946   |
| Apr.   | Amt.<br>Date | 0.51<br>26/1945  | 0.73<br>26/1945    | 0.84<br>26/1945    | 1.05<br>26/1945    | 1.51<br>9-10/1944  | 1.75<br>9-10/1944  |
| May    | Amt.<br>Date | 0.93<br>21/1947  | 1.03<br>21/1947    | 1.08<br>21/1947    | 1.59<br>21-22/1947 | 1.83<br>21-22/1947 | 2.00<br>21-22/1947 |
| Jun.   | Amt.<br>Date | 1.60<br>30/1949  | 1.79<br>30/1949    | 1.84<br>30/1949    | 1.84<br>30/1949    | 1.84<br>30/1949    | 2.01<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.02<br>1/1946   | 1.17<br>1/1946     | 1.39<br>1/1946     | 2.49<br>1/1946     | 2.69<br>1-2/1946   | 3.42<br>27-28/1947 |
| Aug.   | Amt.<br>Date | 0.88<br>31/1941  | 1.75<br>31/1941    | 1.78<br>31/1941    | 2.83<br>31/1941    | 3.32<br>31/1941    | 3.40<br>31-1/1941  |
| Sep.   | Amt.<br>Date | 0.63a<br>1/1940  | 1.03<br>14-15/1945 | 1.19<br>14-15/1945 | 1.78<br>31-1/1941  | 3.17<br>31-1/1941  | 3.40<br>31-1/1941  |
| Oct.   | Amt.<br>Date | 0.49<br>27/1943  | 0.79<br>26-27/1943 | 1.07<br>26-27/1943 | 1.76<br>26-27/1943 | 2.46<br>1-2/1945   | 2.76<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.48<br>6/1948   | 0.86<br>6/1948     | 1.26<br>6/1948     | 2.16<br>6/1948     | 2.52<br>6/1948     | 2.74<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.44E<br>30/1942 | 0.62E<br>30/1942   | 0.76E<br>30/1942   | 1.11E<br>30/1942   | 2.13E<br>30/1942   | 2.65E<br>30/1942   |
| Annual | Amt.<br>Date | 1.60<br>6/30/49  | 1.79<br>6/30/49    | 1.84<br>6/30/49    | 2.83<br>8/31/41    | 3.32<br>8/31/41    | 3.42<br>7/27-28/47 |

<sup>a</sup>Also 29/1946.



Station: HOPE, NEW YORK

Drainage basin: HUDSON

County: HAMILTON

Lat. 43° 17'N Long. 74° 12'W

Elev.(ft.) 800

Period of record: 1946-1950

| Month  |              | Duration (hours)             |                              |                    |                    |                                |                    |
|--------|--------------|------------------------------|------------------------------|--------------------|--------------------|--------------------------------|--------------------|
|        |              | 1                            | 2                            | 3                  | 6                  | 12                             | 24                 |
| Jan.   | Amt.<br>Date | 0.23<br>2/1948               | 0.37<br>2/1948               | 0.47<br>2/1948     | 0.83<br>2/1948     | 1.35 <sup>E</sup><br>31-1/1949 | 2.69<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.27<br>14/1948              | 0.52<br>13-14/1948           | 0.73<br>13-14/1948 | 1.32<br>13-14/1948 | 1.78<br>13-14/1948             | 1.98<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.30<br>25/1947              | 0.49 <sup>a</sup><br>25/1947 | 0.71<br>27/1950    | 1.13<br>13-14/1947 | 1.91<br>13-14/1947             | 2.02<br>13-14/1947 |
| Apr.   | Amt.<br>Date | 0.37<br>15/1949              | 0.57<br>15/1949              | 0.58<br>15/1949    | 0.65<br>18-19/1949 | 1.00<br>18-19/1949             | 1.30<br>18-19/1949 |
| May    | Amt.<br>Date | 0.47<br>25/1947              | 0.65<br>22/1947              | 0.78<br>22/1947    | 0.86<br>21-22/1947 | 0.93<br>5-6/1947               | 1.06<br>5-6/1947   |
| Jun.   | Amt.<br>Date | 0.84<br>25/1949              | 1.03<br>2/1947               | 1.09<br>2/1947     | 1.58<br>3/1947     | 2.79<br>2-3/1947               | 3.20<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.45<br>13/1947              | 1.47<br>13/1947              | 1.47<br>13/1947    | 1.49<br>13/1947    | 1.51<br>7/1947                 | 1.72<br>7-8/1947   |
| Aug.   | Amt.<br>Date | 1.13<br>4/1949               | 1.17<br>29/1949              | 1.58<br>29/1949    | 2.25<br>29/1949    | 3.30<br>28-29/1949             | 3.40<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.33<br>10/1946              | 0.43<br>11/1950              | 0.63<br>13-14/1949 | 1.00<br>13-14/1949 | 1.11<br>13-14/1949             | 1.19<br>13-14/1949 |
| Oct.   | Amt.<br>Date | 0.33<br>7/1949               | 0.56<br>8/1948               | 0.74<br>8/1948     | 1.12<br>8/1948     | 1.58<br>8/1948                 | 1.65<br>8/1948     |
| Nov.   | Amt.<br>Date | 0.47<br>6/1948               | 0.78<br>6/1948               | 0.98<br>6/1948     | 1.39<br>20/1950    | 1.69<br>6-7/1948               | 1.84<br>19-20/1948 |
| Dec.   | Amt.<br>Date | 0.23 <sup>b</sup><br>31/1948 | 0.45<br>31/1948              | 0.64<br>31/1948    | 1.11<br>31/1948    | 2.04<br>31/1948                | 3.15<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.45<br>7/13/47              | 1.47<br>7/13/47              | 1.58<br>8/29/49    | 2.25<br>8/29/49    | 3.30<br>8/28-29/49             | 3.40<br>8/28-29/49 |

<sup>a</sup>Also 8/1950.

<sup>b</sup>Also 20/1949.



**Station: HORNELL ALMOND DAM, NEW YORK\***

**Drainage basin: SUSQUEHANNA**

**County: STEUBEN**

**Lat. 42° 21'N Long. 77° 42'W**

**Elev.(ft.) 1325**

**Period of record: 1940-1950 (BREAKS)**

| Month  |              | Duration (hours) |                 |                  |                    |                    |                         |
|--------|--------------|------------------|-----------------|------------------|--------------------|--------------------|-------------------------|
|        |              | 1                | 2               | 3                | 6                  | 12                 | 24                      |
| Jan.   | Amt.<br>Date | 0.28<br>1/1945   | 0.48<br>1/1945  | 0.58<br>1/1945   | 0.70<br>1/1945     | 0.83<br>31-1/1945  | 1.16<br>31-1/1945       |
| Feb.   | Amt.<br>Date | 0.22<br>3/1940   | 0.37<br>3/1940  | 0.47<br>3/1940   | 0.67<br>3/1940     | 0.90<br>7/1942     | 1.33a<br>6-7/1942       |
| Mar.   | Amt.<br>Date | 0.38<br>16/1942  | 0.73<br>16/1942 | 0.86<br>16/1942  | 0.89<br>16/1942    | 1.21<br>16/1942    | 1.30<br>2-3/1942        |
| Apr.   | Amt.<br>Date | 0.35<br>27/1943  | 0.57<br>5/1947  | 0.60b<br>30/1943 | 0.94<br>5/1941     | 1.23<br>5/1941     | 1.56<br>20-21/1947      |
| May    | Amt.<br>Date | 0.62<br>22/1949  | 0.95<br>25/1943 | 1.17<br>25/1943  | 1.34<br>25/1943    | 1.85<br>25/1943    | 2.01<br>25-26/1943      |
| Jun.   | Amt.<br>Date | 1.00<br>19/1944  | 1.15<br>19/1944 | 1.15<br>19/1944  | 1.27<br>18-19/1944 | 1.40<br>31-1/1946  | 1.75<br>31-1/1946       |
| Jul.   | Amt.<br>Date | 0.95<br>20/1944  | 1.18<br>10/1942 | 1.40<br>10/1942  | 1.59<br>20/1950    | 1.91<br>17-18/1942 | 1.99<br>17-18/1942      |
| Aug.   | Amt.<br>Date | 1.43<br>16/1950  | 1.43<br>16/1950 | 1.43<br>16/1950  | 1.43<br>16/1950    | 1.73<br>29/1949    | 3.09<br>31-1/1950       |
| Sep.   | Amt.<br>Date | 0.97<br>8/1940   | 1.56<br>1/1950  | 2.04<br>1/1950   | 2.84<br>1/1950     | 2.96<br>1/1950     | 3.09<br>31-1/1950       |
| Oct.   | Amt.<br>Date | 0.45<br>8/1950   | 0.65<br>8/1950  | 0.89<br>8/1950   | 1.50<br>8-9/1950   | 2.31<br>8-9/1950   | 2.36<br>8-9/1950        |
| Nov.   | Amt.<br>Date | 0.28<br>8/1943   | 0.42<br>4/1950  | 0.53c<br>8/1943  | 0.86<br>4/1950     | 1.32<br>4/1950     | 2.09<br>3-4/1950        |
| Dec.   | Amt.<br>Date | 0.44<br>16/1944  | 0.61<br>16/1944 | 0.72<br>16/1944  | 0.80<br>16/1944    | 0.97<br>12/1944    | 1.38<br>11-12/1944      |
| Annual | Amt.<br>Date | 1.43<br>8/16/50  | 1.56<br>9/1/50  | 2.04<br>9/1/50   | 2.84<br>9/1/50     | 2.96<br>9/1/50     | 3.09<br>8/31-<br>9/1/50 |

\*Formerly Burns, New York and formerly Arkport, New York.

aAlso 13-14/1950.

bAlso 5/1947.

cAlso 4/1950.

Station: HUDSON, NEW YORK\*

Drainage basin: HUDSON

County: COLUMBIA

Lat. 42° 15'N Long. 73° 47'W

Elev.(ft.) 320

Period of record: 1941-1950

| Month  |              | Duration (hours) |                    |                    |                    |                     |                     |
|--------|--------------|------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                  | 24                  |
| Jan.   | Amt.<br>Date | 0.28<br>30/1947  | 0.47<br>30-31/1947 | 0.71<br>30-31/1947 | 0.99<br>30-31/1947 | 1.04<br>1/1945      | 1.72<br>31-1/1949   |
| Feb.   | Amt.<br>Date | 0.27<br>4/1947   | 0.49<br>4/1947     | 0.62<br>7/1941     | 0.99<br>7/1941     | 1.50<br>7/1941      | 1.60<br>7-8/1941    |
| Mar.   | Amt.<br>Date | 0.40<br>27/1948  | 0.62<br>8/1950     | 0.65<br>8/1950     | 0.74<br>8/1950     | 1.35<br>13-14/1947  | 1.55<br>13-14/1947  |
| Apr.   | Amt.<br>Date | 0.39<br>25/1945  | 0.76<br>25/1945    | 1.06<br>25/1945    | 1.67<br>25/1945    | 2.04<br>25/1945     | 2.05<br>24-25/1945  |
| May    | Amt.<br>Date | 1.24<br>27/1944  | 1.98<br>27/1944    | 1.98<br>27/1944    | 2.00<br>27/1944    | 2.00<br>27/1944     | 2.00<br>27/1944     |
| Jun.   | Amt.<br>Date | 1.02<br>15/1945  | 1.66<br>15/1945    | 1.69<br>15/1945    | 1.87<br>15/1945    | 2.89<br>15/1945     | 2.94<br>15-16/1945  |
| Jul.   | Amt.<br>Date | 2.30<br>9/1945   | 3.20<br>27/1949    | 3.24<br>27/1949    | 3.24<br>27/1949    | 3.24<br>27/1949     | 3.25<br>27-28/1949  |
| Aug.   | Amt.<br>Date | 0.91<br>26/1941  | 1.05<br>26/1941    | 1.18<br>26/1941    | 1.65<br>29/1949    | 2.13<br>29/1949     | 2.14<br>29/1949     |
| Sep.   | Amt.<br>Date | 0.87<br>2/1947   | 1.27<br>2/1947     | 1.42<br>2/1947     | 2.14<br>27/1942    | 2.94<br>27/1942     | 3.64<br>26-27/1942  |
| Oct.   | Amt.<br>Date | 0.52<br>12/1946  | 0.63<br>26/1942    | 0.84<br>26/1942    | 1.30<br>26/1942    | 1.92E<br>26-27/1943 | 2.94<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.80<br>8/1947   | 1.30<br>8/1947     | 1.70<br>8/1947     | 2.26<br>8/1947     | 2.67<br>8-9/1943    | 3.07<br>8-9/1943    |
| Dec.   | Amt.<br>Date | 0.49<br>13/1941  | 0.75<br>30/1948    | 1.00<br>30/1948    | 1.81<br>30/1948    | 2.80<br>30/1948     | 4.22<br>30-31/1948  |
| Annual | Amt.<br>Date | 2.30<br>7/9/45   | 3.20<br>7/27/49    | 3.24<br>7/27/49    | 3.24<br>7/27/49    | 3.24<br>7/27/49     | 4.22<br>12/30-31/48 |

\*Formerly Columbiaville, New York

Station: HUNTS CORNERS, NEW YORK

Drainage basin: SUSQUEHANNA

County: CORTLAND

Lat. 42° 26'N Long. 76° 07'W

Elev.(ft.) 1400

Period of record: 1940-1950

| Month  |              | Duration (hours) |                              |                    |                    |                    |                         |
|--------|--------------|------------------|------------------------------|--------------------|--------------------|--------------------|-------------------------|
|        |              | 1                | 2                            | 3                  | 6                  | 12                 | 24                      |
| Jan.   | Amt.<br>Date | 0.27<br>21/1941  | 0.28 <sup>a</sup><br>21/1941 | 0.41<br>30/1947    | 0.61<br>30/1947    | 0.73<br>1/1945     | 1.37<br>1-2/1945        |
| Feb.   | Amt.<br>Date | 0.28<br>22/1944  | 0.49<br>13/1942              | 0.64<br>13/1942    | 0.86<br>13/1942    | 1.22<br>14/1940    | 1.62<br>13-14/1940      |
| Mar.   | Amt.<br>Date | 0.63<br>16/1942  | 0.91<br>16/1942              | 1.01<br>16/1942    | 1.14<br>16-17/1942 | 1.46<br>16-17/1942 | 1.84<br>2-3/1947        |
| Apr.   | Amt.<br>Date | 0.97<br>24/1945  | 0.97<br>24/1945              | 0.97<br>24/1945    | 0.97<br>24/1945    | 1.20<br>5/1947     | 1.41<br>4-5/1947        |
| May    | Amt.<br>Date | 0.50<br>21/1947  | 0.91<br>21/1947              | 1.09<br>21/1947    | 1.37<br>21/1947    | 1.70<br>27/1946    | 2.73<br>26-27/1946      |
| Jun.   | Amt.<br>Date | 1.04<br>24/1950  | 1.79<br>24/1950              | 2.03<br>24/1950    | 2.41<br>24/1950    | 2.62<br>24/1950    | 2.63<br>24/1950         |
| Jul.   | Amt.<br>Date | 1.30<br>26/1945  | 1.37<br>20-21/1946           | 1.71<br>20-21/1946 | 1.86<br>20-21/1946 | 1.89<br>20-21/1946 | 2.23<br>20-21/1946      |
| Aug.   | Amt.<br>Date | 1.86<br>16/1947  | 2.05<br>16/1947              | 2.06<br>16/1947    | 2.10<br>16/1947    | 2.41<br>28-29/1949 | 3.23<br>31-1/1950       |
| Sep.   | Amt.<br>Date | 1.15<br>9/1945   | 1.16<br>9/1945               | 1.44<br>1/1950     | 2.22<br>9/1945     | 2.34<br>9/1945     | 3.23<br>31-1/1950       |
| Oct.   | Amt.<br>Date | 0.53<br>12/1946  | 0.75<br>12/1946              | 1.04<br>26/1943    | 1.71<br>26/1943    | 2.20<br>26/1943    | 2.27<br>26-27/1943      |
| Nov.   | Amt.<br>Date | 0.58<br>8/1943   | 0.89<br>8/1943               | 1.15<br>8/1943     | 1.37<br>8/1943     | 1.54<br>8-9/1943   | 1.91<br>8-9/1943        |
| Dec.   | Amt.<br>Date | 0.36<br>30/1942  | 0.66<br>30/1942              | 0.85<br>30/1942    | 1.21<br>30/1942    | 1.85<br>30/1942    | 2.81<br>29-30/1942      |
| Annual | Amt.<br>Date | 1.86<br>8/16/47  | 2.05<br>8/16/47              | 2.06<br>8/16/47    | 2.41<br>6/24/50    | 2.62<br>6/24/50    | 3.23<br>8/31-<br>9/1/50 |

<sup>a</sup>Also 30/1947.

Station: INDIAN LAKE, NEW YORK

Drainage basin: HUDSON

County: HAMILTON

Lat. 43° 45'N Long. 74° 17'W

Elev.(ft.) 1660

Period of record: 1941-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.36<br>30/1947  | 0.54<br>30/1947    | 0.69<br>30/1947    | 0.99<br>1/1945     | 1.48<br>1/1945     | 2.36<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.25<br>22/1945  | 0.45<br>22/1945    | 0.55<br>22/1945    | 0.74<br>22/1945    | 1.06<br>21-22/1945 | 1.35<br>19-20/1946 |
| Mar.   | Amt.<br>Date | 0.49<br>3/1947   | 0.73<br>3/1947     | 0.93<br>3/1947     | 1.36<br>3/1947     | 1.92<br>2-3/1947   | 2.25<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.29<br>2/1946   | 0.52<br>4/1945     | 0.59<br>4/1945     | 0.78<br>4-5/1945   | 1.00<br>4-5/1945   | 1.05<br>6-7/1942   |
| May    | Amt.<br>Date | 0.93<br>29/1947  | 1.22<br>17/1945    | 1.38<br>17/1945    | 1.43<br>17/1945    | 2.08<br>17-18/1945 | 2.24<br>17-18/1945 |
| Jun.   | Amt.<br>Date | 1.02<br>24/1944  | 1.51<br>24/1944    | 1.75<br>24/1944    | 2.60<br>14/1942    | 3.02<br>14/1942    | 3.13<br>13-14/1942 |
| Jul.   | Amt.<br>Date | 1.04<br>29/1949  | 1.26<br>7/1947     | 1.65<br>7/1947     | 2.00<br>7/1947     | 2.18<br>7-8/1947   | 2.25<br>7-8/1947   |
| Aug.   | Amt.<br>Date | 0.85<br>18/1949  | 1.04<br>18/1949    | 1.31<br>29/1949    | 2.00<br>29/1949    | 2.58<br>29/1949    | 2.92<br>17-18/1949 |
| Sep.   | Amt.<br>Date | 0.96<br>4/1948   | 1.56<br>27/1942    | 2.06<br>27/1942    | 2.64<br>27/1942    | 3.76<br>27/1942    | 4.55<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.48<br>16/1943  | 0.70<br>16-17/1943 | 0.85<br>16-17/1943 | 0.98<br>27/1943    | 1.51<br>26-27/1943 | 2.60<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.54<br>6/1948   | 0.76<br>6/1948     | 1.00<br>6/1948     | 1.75<br>25-26/1950 | 2.23<br>8/1947     | 2.23a<br>8/1947    |
| Dec.   | Amt.<br>Date | 0.28<br>24/1941  | 0.45<br>31/1948    | 0.64<br>31/1948    | 1.08<br>31/1948    | 1.88<br>31/1948    | 2.87<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.04<br>7/29/49  | 1.56<br>9/27/42    | 2.06<br>9/27/42    | 2.64<br>9/27/42    | 3.76<br>9/27/42    | 4.55<br>9/26-27/42 |

<sup>a</sup>Also 25-26/1950.

Station: ITHACA CORNELL UNIVERSITY, NEW YORK\*

Drainage basin: OSWEGO

County: TOMPKINS

Lat. 42° 27'N Long. 76° 28'W

Elev.(ft.) 950

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours)            |                             |                    |                             |                    |                    |
|--------|--------------|-----------------------------|-----------------------------|--------------------|-----------------------------|--------------------|--------------------|
|        |              | 1                           | 2                           | 3                  | 6                           | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.16<br>15/1947             | 0.23 <sup>a</sup><br>2/1947 | 0.32<br>2/1947     | 0.45<br>2/1947              | 0.59<br>31-1/1945  | 1.02<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.21<br>15/1945             | 0.37<br>15/1945             | 0.41<br>22/1949    | 0.57<br>22/1949             | 0.75<br>7/1942     | 1.09<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.75<br>16/1942             | 0.98<br>16/1942             | 1.07<br>16/1942    | 1.11<br>16-17/1942          | 1.41<br>16-17/1942 | 1.81<br>3/1942     |
| Apr.   | Amt.<br>Date | 0.38<br>18/1941             | 0.66<br>30/1943             | 0.69<br>25/1945    | 0.90<br>25/1945             | 0.95<br>25/1945    | 1.22<br>19/1943    |
| May    | Amt.<br>Date | 1.19<br>21/1947             | 1.50<br>21/1947             | 1.76<br>21-22/1947 | 1.98<br>21-22/1947          | 2.03<br>21-22/1947 | 2.43<br>6-7/1944   |
| Jun.   | Amt.<br>Date | 0.86<br>19/1944             | 1.09<br>15/1945             | 1.22<br>2/1947     | 1.84<br>2-3/1947            | 2.40<br>2-3/1947   | 2.45<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.23<br>30/1941             | 1.26<br>30/1941             | 1.38<br>17/1942    | 1.89<br>30/1941             | 2.41<br>30/1941    | 2.67<br>30-31/1941 |
| Aug.   | Amt.<br>Date | 1.78<br>15/1947             | 3.24<br>15/1947             | 3.24<br>15/1947    | 3.69<br>15/1947             | 3.79<br>15-16/1947 | 3.95<br>15-16/1947 |
| Sep.   | Amt.<br>Date | 1.55<br>9/1945              | 1.97<br>9/1945              | 1.99<br>9/1945     | 2.11<br>9/1945              | 2.11<br>9/1945     | 2.18<br>31-1/1950  |
| Oct.   | Amt.<br>Date | 0.76<br>7/1944              | 1.03<br>12/1946             | 1.33<br>12/1946    | 1.85<br>12/1946             | 1.97<br>12/1946    | 2.12<br>12/1946    |
| Nov.   | Amt.<br>Date | 0.42 <sup>E</sup><br>8/1947 | 0.71<br>8/1943              | 0.92<br>8/1943     | 1.28 <sup>E</sup><br>8/1947 | 1.50<br>8/1947     | 1.52<br>8-9/1943   |
| Dec.   | Amt.<br>Date | 0.44<br>30/1942             | 0.62<br>30/1942             | 0.79<br>30/1942    | 1.14<br>30/1942             | 1.59<br>29-30/1942 | 2.31<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.78<br>8/15/47             | 3.24<br>8/15/47             | 3.24<br>8/15/47    | 3.69<br>8/15/47             | 3.79<br>8/15-16/47 | 3.95<br>8/15-16/47 |

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

<sup>a</sup>Also 15/1947.



Station: ITHACA CORNELL UNIVERSITY, NEW YORK

Drainage basin: OSWEGO

County: TOMPKINS

Lat. 42° 27'N Long. 76° 28'W

Elev.(ft.) 950

Period of record: 1900-1950

| Month  |              | Duration (hours) |                 |                    |                    |                    |                    |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.43<br>29/1912  | 0.46<br>29/1912 | 0.49<br>29/1912    | 0.91<br>11/1912    | 1.38<br>11/1922    | 1.45<br>11/1922    |
| Feb.   | Amt.<br>Date | 0.21<br>15/1945  | 0.37<br>15/1945 | 0.41<br>22/1949    | 0.57<br>22/1949    | 0.75<br>7/1942     | 1.16<br>15-16/1909 |
| Mar.   | Amt.<br>Date | 0.75<br>16/1942  | 0.98<br>16/1942 | 1.07<br>16/1942    | 1.11<br>16/1942    | 1.41<br>16-17/1942 | 1.81<br>3/1942     |
| Apr.   | Amt.<br>Date | 0.60<br>23/1921  | 0.70<br>23/1921 | 0.80<br>23/1921    | 1.09<br>4/1923     | 1.47<br>13-14/1909 | 1.61<br>21-22/1927 |
| May    | Amt.<br>Date | 1.19<br>21/1947  | 1.50<br>21/1947 | 1.76<br>21-22/1947 | 1.98<br>21-22/1947 | 2.03<br>21-22/1947 | 2.43<br>6-7/1944   |
| Jun.   | Amt.<br>Date | 1.76<br>15/1906  | 1.88<br>15/1906 | 2.44<br>18/1907    | 2.44<br>18/1907    | 2.44<br>18/1907    | 3.39<br>16-17/1930 |
| Jul.   | Amt.<br>Date | 2.70<br>24/1918  | 2.72<br>24/1918 | 2.96<br>7-8/1935   | 4.26<br>7-8/1935   | 6.64<br>7-8/1935   | 7.90<br>7-8/1935   |
| Aug.   | Amt.<br>Date | 1.97<br>23/1929  | 3.24<br>15/1947 | 3.24<br>15/1947    | 3.69<br>15/1947    | 4.63<br>23-24/1922 | 5.44<br>26-27/1937 |
| Sep.   | Amt.<br>Date | 1.55<br>9/1945   | 1.97<br>9/1945  | 1.99<br>9/1945     | 2.11<br>9/1945     | 2.78<br>29/1924    | 4.14<br>29-30/1924 |
| Oct.   | Amt.<br>Date | 0.87<br>8/1903   | 1.04<br>8/1903  | 1.33<br>12/1946    | 1.85<br>12/1946    | 2.22<br>23-24/1923 | 2.67<br>2-3/1929   |
| Nov.   | Amt.<br>Date | 0.46<br>17/1927  | 0.71<br>8/1943  | 0.92<br>8/1943     | 1.28E<br>8/1947    | 1.53<br>17/1927    | 1.67<br>4/1936     |
| Dec.   | Amt.<br>Date | 0.44<br>30/1942  | 0.62<br>30/1942 | 0.79<br>30/1942    | 1.14<br>30/1942    | 1.59<br>29-30/1942 | 2.31<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.70<br>7/24/18  | 3.24<br>8/15/47 | 3.24<br>8/15/47    | 4.26<br>7/7-8/35   | 6.64<br>7/7-8/35   | 7.90<br>7/7-8/35   |



Station: JAMESTOWN, NEW YORK

Drainage basin: ALLEGHENY

County: CHAUTAUQUA

Lat. 42° 06'N Long. 79° 15'W

Elev.(ft.) 1275

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                   |                    |                         |                    |
|--------|--------------|------------------|-----------------|-------------------|--------------------|-------------------------|--------------------|
|        |              | 1                | 2               | 3                 | 6                  | 12                      | 24                 |
| Jan.   | Amt.<br>Date | 0.24<br>15/1950  | 0.44<br>15/1950 | 0.51<br>15/1950   | 1.00<br>15/1950    | 1.42<br>15/1950         | 1.51<br>15-16/1950 |
| Feb.   | Amt.<br>Date | 0.26<br>4/1947   | 0.37<br>26/1944 | 0.49<br>13/1950   | 0.79<br>13/1950    | 1.18<br>13/1950         | 1.79<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.49<br>19/1948  | 0.60<br>21/1948 | 0.70<br>21/1948   | 0.88<br>21/1948    | 1.55<br>21-22/1948      | 2.19<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.88<br>5/1947   | 1.42<br>5/1947  | 1.64<br>5/1947    | 2.40<br>5/1947     | 2.60<br>5/1947          | 2.98<br>4-5/1947   |
| May    | Amt.<br>Date | 0.55<br>14/1942  | 0.71<br>22/1949 | 0.73<br>22/1949   | 0.87<br>14/1942    | 1.34<br>22/1949         | 1.44<br>22-23/1949 |
| Jun.   | Amt.<br>Date | 1.46<br>2/1943   | 1.56<br>2/1943  | 1.79<br>23/1948   | 1.99<br>10/1940    | 2.05<br>2/1943          | 2.21<br>23-24/1944 |
| Jul.   | Amt.<br>Date | 0.91<br>11/1946  | 1.21<br>18/1942 | 1.63<br>18/1942   | 2.02<br>18/1942    | 2.21<br>18/1942         | 2.41<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 1.59<br>9/1943   | 2.04<br>9/1943  | 2.42<br>9-10/1943 | 2.83<br>9-10/1943  | 2.94<br>31-1/1950       | 3.19<br>31-1/1950  |
| Sep.   | Amt.<br>Date | 1.03<br>8/1940   | 1.23<br>8/1940  | 1.54E<br>1/1950   | 2.60<br>1/1950     | 2.94<br>31-1/1950       | 3.23<br>4-5/1944   |
| Oct.   | Amt.<br>Date | 0.43<br>18/1946  | 0.53<br>18/1946 | 0.66<br>14/1942   | 1.00<br>14-15/1942 | 1.52<br>15-16/1943      | 1.83<br>16-17/1948 |
| Nov.   | Amt.<br>Date | 0.46<br>15/1944  | 0.50<br>20/1950 | 0.70<br>20/1950   | 1.04<br>20/1950    | 1.18<br>25/1950         | 2.20<br>24-25/1950 |
| Dec.   | Amt.<br>Date | 0.22E<br>1/1944  | 0.31<br>11/1944 | 0.43<br>11/1944   | 0.72<br>11-12/1944 | 1.17<br>11-12/1944      | 1.86<br>11-12/1944 |
| Annual | Amt.<br>Date | 1.59<br>8/9/43   | 2.04<br>8/9/43  | 2.42<br>8/9-10/43 | 2.83<br>8/9-10/43  | 2.94<br>8/31-<br>9/1/50 | 3.23<br>9/4-5/44   |

Station: KINGSTON, NEW YORK

Drainage basin: HUDSON

County: ULSTER

Lat. 41° 56'N Long. 74° 00'W

Elev.(ft.) 255

Period of record: 1941-1950

| Month  |              | Duration (hours) |                 |                  |                    |                    |                     |
|--------|--------------|------------------|-----------------|------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2               | 3                | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.25a<br>31/1942 | 0.48<br>31/1942 | 0.60<br>31/1942  | 0.77<br>31/1942    | 1.02<br>5-6/1944   | 1.02<br>5-6/1944    |
| Feb.   | Amt.<br>Date | 0.29<br>22/1945  | 0.48<br>17/1942 | 0.52b<br>17/1942 | 0.80<br>19-20/1946 | 1.10<br>19-20/1946 | 1.15<br>19-20/1946  |
| Mar.   | Amt.<br>Date | 0.49<br>8/1950   | 0.81<br>8/1950  | 0.82<br>8/1950   | 1.03<br>21/1942    | 1.30<br>21-22/1942 | 1.59<br>2-3/1947    |
| Apr.   | Amt.<br>Date | 0.39<br>2/1945   | 0.54<br>25/1945 | 0.74<br>25/1945  | 1.13<br>25/1945    | 1.52<br>25/1945    | 1.66<br>23-24/1944  |
| May    | Amt.<br>Date | 0.74<br>20/1949  | 0.90<br>20/1949 | 1.01<br>25/1947  | 1.46<br>25/1947    | 1.96<br>25/1947    | 2.12<br>3-4/1945    |
| Jun.   | Amt.<br>Date | 1.50<br>27/1946  | 1.99<br>27/1946 | 2.14<br>27/1946  | 2.19<br>27/1946    | 2.19<br>27/1946    | 2.68<br>19-20/1944  |
| Jul.   | Amt.<br>Date | 1.86<br>22/1945  | 2.04<br>22/1945 | 2.13<br>22/1945  | 2.29<br>22/1945    | 2.33<br>22/1945    | 2.62<br>28-29/1945  |
| Aug.   | Amt.<br>Date | 0.90<br>9/1947   | 1.11<br>9/1947  | 1.24<br>13/1949  | 1.50<br>29/1949    | 1.72<br>29/1949    | 1.72<br>29/1949     |
| Sep.   | Amt.<br>Date | 0.91<br>1/1944   | 1.34<br>30/1946 | 1.57<br>30/1946  | 1.83<br>30/1946    | 2.14<br>24/1946    | 2.34<br>26-27/1942  |
| Oct.   | Amt.<br>Date | 0.44<br>26/1943  | 0.78<br>26/1943 | 1.04<br>26/1943  | 1.51<br>26/1943    | 2.52<br>26/1943    | 3.56<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.46<br>8/1943   | 0.75<br>25/1942 | 1.02<br>25/1942  | 1.38<br>8/1943     | 2.37<br>8-9/1943   | 3.03<br>8-9/1943    |
| Dec.   | Amt.<br>Date | 0.61<br>13/1941  | 0.87<br>13/1941 | 1.07<br>13/1941  | 1.54<br>13/1941    | 2.29<br>13-14/1941 | 3.47E<br>29-30/1948 |
| Annual | Amt.<br>Date | 1.86<br>7/22/45  | 2.04<br>7/22/45 | 2.14<br>6/27/46  | 2.29<br>7/22/45    | 2.52<br>10/26/43   | 3.56<br>10/26-27/43 |

<sup>a</sup>Also 20/1947.

<sup>b</sup>Also 14-15/1944.

Station: LAKE PLACID CLUB, NEW YORK

Drainage basin: LAKE CHAMPLAIN

County: ESSEX

Lat. 44° 17' N Long. 73° 59' W

Elev.(ft.) 1864

Period of record: 1941-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.29<br>30/1947  | 0.39<br>30/1947    | 0.55<br>30/1947    | 0.73<br>30/1947    | 0.93<br>30-31/1947 | 1.06<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.17<br>24/1943  | 0.26a<br>24/1943   | 0.34<br>20/1946    | 0.50<br>20/1946    | 0.74<br>20/1946    | 0.93<br>19-20/1946 |
| Mar.   | Amt.<br>Date | 0.29<br>19/1948  | 0.45<br>19/1948    | 0.52<br>8/1950     | 0.80<br>8/1950     | 0.99<br>8-9/1950   | 1.01<br>8-9/1950   |
| Apr.   | Amt.<br>Date | 0.35<br>20/1948  | 0.49<br>20/1948    | 0.64<br>20/1948    | 0.94<br>20/1948    | 1.06<br>15/1942    | 1.58<br>15-16/1942 |
| May    | Amt.<br>Date | 0.57<br>29/1948  | 0.67<br>17/1945    | 0.94<br>17-18/1945 | 1.01<br>17-18/1945 | 1.35<br>17-18/1945 | 1.47<br>17-18/1945 |
| Jun.   | Amt.<br>Date | 1.25<br>29/1947  | 2.20<br>29/1947    | 2.20<br>29/1947    | 2.20<br>29/1947    | 2.42<br>14/1942    | 2.66<br>29-30/1947 |
| Jul.   | Amt.<br>Date | 1.13<br>14/1945  | 1.55<br>14/1945    | 1.68<br>14/1945    | 2.39<br>14/1945    | 2.96<br>14-15/1945 | 3.58<br>14-15/1945 |
| Aug.   | Amt.<br>Date | 0.64<br>29/1950  | 0.92<br>29/1949    | 1.31<br>29/1949    | 1.74<br>29/1949    | 2.24<br>29/1949    | 2.94<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.70<br>18/1945  | 1.05<br>18-19/1945 | 1.35<br>18-19/1945 | 2.18<br>18-19/1945 | 2.56<br>18-19/1945 | 2.62<br>18-19/1945 |
| Oct.   | Amt.<br>Date | 0.73<br>12/1946  | 0.89<br>12/1946    | 1.08<br>12/1946    | 1.22<br>12/1946    | 1.39<br>26-27/1943 | 1.53<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.49<br>6/1948   | 0.88<br>6/1948     | 1.08<br>6/1948     | 1.69<br>25-26/1950 | 2.36<br>25-26/1950 | 2.36<br>25-26/1950 |
| Dec.   | Amt.<br>Date | 0.24<br>31/1948  | 0.45<br>31/1948    | 0.65<br>31/1948    | 1.17<br>31/1948    | 1.63<br>30-31/1948 | 2.45<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.25<br>6/29/47  | 2.20<br>6/29/47    | 2.20<br>6/29/47    | 2.39<br>7/14/45    | 2.96<br>7/14-15/45 | 3.58<br>7/14-15/45 |

<sup>a</sup>Also 20/1946.

Station: LARCHMONT, NEW YORK

Drainage basin: COASTAL

County: WESTCHESTER

Lat. 40° 57'N Long. 73° 46'W

Elev.(ft.) 150

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                  |                  |                              |                              |
|--------|--------------|------------------|-----------------|------------------|------------------|------------------------------|------------------------------|
|        |              | 1                | 2               | 3                | 6                | 12                           | 24                           |
| Jan.   | Amt.<br>Date | 0.36<br>18/1943  | 0.56<br>18/1943 | 0.72<br>21/1949  | 1.09<br>21/1949  | 2.07 <sup>E</sup><br>28/1943 | 2.41<br>28/1943              |
| Feb.   | Amt.<br>Date | 0.60<br>7/1941   | 0.94<br>7/1941  | 1.17<br>7/1941   | 1.71<br>7/1941   | 2.48<br>7/1941               | 2.54<br>7/1941               |
| Mar.   | Amt.<br>Date | 0.71<br>6/1943   | 0.99<br>6/1943  | 1.27<br>6/1943   | 1.65<br>6/1943   | 3.20<br>6-7/1944             | 3.20<br>6-7/1944             |
| Apr.   | Amt.<br>Date | 0.47<br>6/1949   | 0.84<br>6/1949  | 1.08<br>6/1949   | 1.63<br>1/1948   | 1.93<br>5/1947               | 2.04 <sup>a</sup><br>25/1945 |
| May    | Amt.<br>Date | 0.86<br>27/1946  | 1.12<br>27/1946 | 1.36<br>27/1946  | 2.33<br>27/1946  | 3.00<br>27/1946              | 3.71<br>26-27/1946           |
| Jun.   | Amt.<br>Date | 1.76<br>21/1945  | 2.01<br>21/1945 | 2.16<br>21/1945  | 2.37<br>21/1945  | 2.37<br>21/1945              | 2.37<br>21/1945              |
| Jul.   | Amt.<br>Date | 3.28<br>27/1942  | 4.98<br>27/1942 | 5.86<br>27/1942  | 6.20<br>27/1942  | 6.37<br>27/1942              | 6.77<br>27/1942              |
| Aug.   | Amt.<br>Date | 1.90<br>10/1942  | 2.52<br>10/1942 | 2.58<br>9/1942   | 3.24<br>9/1942   | 4.55<br>9/1942               | 4.59<br>9/1942               |
| Sep.   | Amt.<br>Date | 1.35<br>14/1944  | 1.95<br>14/1944 | 2.45<br>14/1944  | 2.90<br>14/1944  | 2.90<br>14/1944              | 3.08<br>13-14/1944           |
| Oct.   | Amt.<br>Date | 0.84<br>8/1948   | 1.30<br>8/1948  | 1.67<br>8/1948   | 1.78<br>8/1948   | 2.49<br>26-27/1943           | 3.01<br>26-27/1943           |
| Nov.   | Amt.<br>Date | 1.64<br>4/1950   | 1.98<br>4/1950  | 2.15<br>4-5/1950 | 2.19<br>4-5/1950 | 2.25<br>4-5/1950             | 3.12<br>4-5/1950             |
| Dec.   | Amt.<br>Date | 0.52<br>13/1941  | 0.95<br>13/1941 | 1.43<br>13/1941  | 2.59<br>13/1941  | 3.27<br>13/1941              | 3.54<br>13-14/1941           |
| Annual | Amt.<br>Date | 3.28<br>7/27/42  | 4.98<br>7/27/42 | 5.86<br>7/27/42  | 6.20<br>7/27/42  | 6.37<br>7/27/42              | 6.77<br>7/27/42              |

<sup>a</sup>Also 5/1947.

Station: MARCELLUS, NEW YORK

Drainage basin: OSWEGO

County: ONONDAGA

Lat. 42° 59'N Long. 76° 23'W

Elev.(ft.) 1030

Period of record: 1940-1950

| Month  |              | Duration (hours) |                              |                 |                    |                    |                     |
|--------|--------------|------------------|------------------------------|-----------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                            | 3               | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.28<br>30/1947  | 0.44<br>30/1947              | 0.62<br>30/1947 | 1.07<br>30/1947    | 1.15<br>30/1947    | 1.20<br>30/1947     |
| Feb.   | Amt.<br>Date | 0.39<br>19/1940  | 0.76<br>19/1940              | 1.10<br>19/1940 | 1.55<br>19/1940    | 2.37<br>19/1940    | 2.57<br>19-20/1940  |
| Mar.   | Amt.<br>Date | 1.20<br>27/1950  | 1.45<br>27/1950              | 1.57<br>27/1950 | 1.68<br>27/1950    | 1.73<br>27/1950    | 1.88<br>21-22/1945  |
| Apr.   | Amt.<br>Date | 0.44<br>20/1948  | 0.61<br>26/1945              | 0.70<br>26/1945 | 0.85<br>5/1941     | 1.27<br>19/1943    | 1.97<br>19/1943     |
| May    | Amt.<br>Date | 0.86<br>21/1947  | 0.95<br>21/1947              | 1.08<br>21/1947 | 1.70<br>21-22/1947 | 1.77<br>21-22/1947 | 1.81<br>21-22/1947  |
| Jun.   | Amt.<br>Date | 1.13<br>25/1949  | 1.20<br>25/1949              | 1.22<br>25/1949 | 1.44<br>8-9/1940   | 2.01<br>24/1950    | 2.27<br>23-24/1950  |
| Jul.   | Amt.<br>Date | 1.95<br>18/1947  | 1.95<br>18/1947              | 1.95<br>18/1947 | 1.95<br>18/1947    | 1.98<br>18-19/1947 | 2.20<br>18-19/1947  |
| Aug.   | Amt.<br>Date | 0.97<br>9/1947   | 1.12<br>9/1947               | 1.15<br>29/1949 | 1.52<br>29/1949    | 1.91<br>28-29/1949 | 2.47<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 1.25<br>9/1941   | 1.95<br>9/1941               | 2.00<br>9/1941  | 2.00<br>9/1941     | 2.00<br>9/1941     | 2.13<br>18/1945     |
| Oct.   | Amt.<br>Date | 0.60<br>1/1945   | 0.84<br>26/1943              | 1.13<br>26/1943 | 1.46<br>26/1943    | 1.73<br>1-2/1945   | 2.57<br>1-2/1945    |
| Nov.   | Amt.<br>Date | 0.42<br>25/1950  | 0.64<br>25/1950              | 0.69<br>25/1950 | 1.14<br>8/1943     | 1.45<br>6/1948     | 1.80<br>28-29/1945  |
| Dec.   | Amt.<br>Date | 0.40<br>30/1942  | 0.72<br>30/1942              | 0.92<br>30/1942 | 1.35<br>30/1942    | 1.95<br>30/1942    | 2.61<br>29-30/1942  |
| Annual | Amt.<br>Date | 1.95<br>7/18/47  | 1.95 <sup>a</sup><br>7/18/47 | 2.00<br>9/9/41  | 2.00<br>9/9/41     | 2.37<br>2/19/40    | 2.61<br>12/29-30/42 |

<sup>a</sup>Also 9/9/1941



Station: MASSENA CAA APT, NEW YORK

Drainage basin: St. LAWRENCE

County: ST. LAWRENCE

Lat. 44° 56'N Long. 74° 50'W

Elev.(ft.) 208

Period of record: 1941-1950 (BREAKS)

| Month  |              | Duration (hours)             |                              |                    |                    |                                 |                                 |
|--------|--------------|------------------------------|------------------------------|--------------------|--------------------|---------------------------------|---------------------------------|
|        |              | 1                            | 2                            | 3                  | 6                  | 12                              | 24                              |
| Jan.   | Amt.<br>Date | 0.17<br>13/1950              | 0.31 <sup>E</sup><br>30/1947 | 0.38<br>13/1950    | 0.60<br>13/1950    | 0.77 <sup>E</sup><br>30/1947    | 1.29 <sup>E</sup><br>30/1947    |
| Feb.   | Amt.<br>Date | 0.19<br>10/1943              | 0.36<br>10/1943              | 0.52<br>10-11/1943 | 0.69<br>10-11/1943 | 0.75<br>10-11/1943              | 0.78<br>10-11/1943              |
| Mar.   | Amt.<br>Date | 0.22<br>8/1950               | 0.40<br>25/1947              | 0.46<br>8/1950     | 0.66<br>8/1950     | 0.94<br>8-9/1946                | 1.31<br>2-3/1947                |
| Apr.   | Amt.<br>Date | 0.19 <sup>a</sup><br>15/1942 | 0.31 <sup>b</sup><br>15/1942 | 0.44<br>15/1949    | 0.61<br>15/1942    | 0.94 <sup>c</sup><br>16/1947    | 1.21<br>6/1949                  |
| May    | Amt.<br>Date | 0.39<br>16/1946              | 0.69<br>16/1946              | 0.89<br>16/1946    | 1.35<br>16/1946    | 1.55<br>16/1946                 | 1.62<br>16-17/1946              |
| Jun.   | Amt.<br>Date | 0.40<br>24/1948              | 0.49<br>24/1948              | 0.60<br>24/1948    | 1.00<br>24/1948    | 1.05 <sup>d</sup><br>2/1947     | 1.31<br>23-24/1948              |
| Jul.   | Amt.<br>Date | 0.91<br>20/1943              | 1.10<br>13/1950              | 1.11<br>13/1950    | 1.46<br>13/1950    | 1.46<br>13/1950                 | 1.60 <sup>E</sup><br>14-15/1945 |
| Aug.   | Amt.<br>Date | 0.39<br>28/1942              | 0.75<br>28/1942              | 0.75<br>28/1942    | 0.98<br>19/1950    | 1.19<br>19/1950                 | 1.45<br>28-29/1950              |
| Sep.   | Amt.<br>Date | 0.85<br>29/1946              | 1.04<br>29/1946              | 1.09<br>29/1946    | 1.34<br>29/1946    | 1.93<br>29-30/1946              | 2.14<br>29-30/1946              |
| Oct.   | Amt.<br>Date | 0.50<br>4/1949               | 0.76<br>27/1943              | 1.01<br>26-27/1943 | 1.45<br>26-27/1943 | 1.60<br>26-27/1943              | 1.66 <sup>E</sup><br>1-2/1946   |
| Nov.   | Amt.<br>Date | 0.26<br>1/1941               | 0.38<br>19/1948              | 0.54<br>19/1948    | 0.89<br>4/1950     | 1.43 <sup>e</sup><br>19-20/1948 | 2.11<br>4-5/1950                |
| Dec.   | Amt.<br>Date | 0.23 <sup>f</sup><br>8/1944  | 0.41<br>28/1946              | 0.51<br>28/1946    | 0.77<br>28/1946    | 1.17<br>27-28/1946              | 1.38<br>27-28/1946              |
| Annual | Amt.<br>Date | 0.91<br>7/20/43              | 1.10<br>7/13/50              | 1.11<br>7/13/50    | 1.46<br>7/13/50    | 1.93<br>9/29-30/46              | 2.14<br>9/29-30/46              |

<sup>a</sup>Also 4/1950.

<sup>b</sup>Also 15/1949.

<sup>c</sup>Also 6/1949.

<sup>d</sup>Also 24/1948.

<sup>e</sup>Also 4/1950.

<sup>f</sup>Also 28/1946



Station: MILLERTON, NEW YORK

Drainage basin: HUDSON

County: DUTCHESS

Lat. 41° 57' N Long. 73° 31' W

Elev.(ft.) 690

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                     |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.22a<br>16/1941 | 0.38<br>31/1942    | 0.49<br>31/1942    | 0.84<br>31/1942    | 1.36<br>5-6/1949   | 2.67<br>31-1/1945   |
| Feb.   | Amt.<br>Date | 0.27<br>7/1941   | 0.50<br>7/1941     | 0.65<br>7/1941     | 1.01<br>7/1941     | 1.42<br>7/1941     | 1.63E<br>7-8/1941   |
| Mar.   | Amt.<br>Date | 0.37<br>8/1950   | 0.52<br>8/1950     | 0.76<br>9/1942     | 0.99<br>9/1942     | 1.28<br>30/1940    | 1.72<br>30-31/1940  |
| Apr.   | Amt.<br>Date | 0.43<br>25/1945  | 0.74<br>25/1945    | 0.87<br>25/1945    | 1.65<br>25/1945    | 2.22<br>25/1945    | 2.30<br>25-26/1945  |
| May    | Amt.<br>Date | 0.62<br>12/1942  | 0.69<br>23/1942    | 0.72<br>23/1942    | 1.00<br>20/1949    | 1.39<br>20/1949    | 1.70<br>19-20/1949  |
| Jun.   | Amt.<br>Date | 1.34<br>20/1944  | 1.91<br>20/1944    | 1.96<br>20/1944    | 2.13<br>20/1944    | 2.34<br>20-21/1944 | 3.27<br>19-20/1944  |
| Jul.   | Amt.<br>Date | 0.90<br>5/1943   | 1.13<br>1/1942     | 1.29<br>1/1942     | 1.56<br>1-2/1942   | 2.64<br>1-2/1942   | 2.81<br>1-2/1942    |
| Aug.   | Amt.<br>Date | 1.03<br>13/1940  | 1.07<br>13/1940    | 1.14<br>31/1940    | 1.23<br>12/1944    | 1.23<br>12/1944    | 1.56<br>31-1/1940   |
| Sep.   | Amt.<br>Date | 0.86<br>16/1942  | 1.21<br>16/1942    | 1.35<br>30/1946    | 2.14<br>30/1946    | 2.51<br>29-30/1946 | 2.78<br>29-30/1946  |
| Oct.   | Amt.<br>Date | 0.59<br>27/1943  | 0.69<br>27/1943    | 0.74<br>27/1943    | 0.96<br>30-31/1947 | 1.54<br>26-27/1943 | 2.17<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.54<br>8/1947   | 0.94<br>8/1947     | 1.33<br>25/1942    | 2.20<br>25/1942    | 2.74<br>25/1950    | 2.74<br>25/1950     |
| Dec.   | Amt.<br>Date | 0.42<br>13/1941  | 0.80<br>13-14/1941 | 1.08<br>13-14/1941 | 1.72<br>13-14/1941 | 2.21<br>31/1948    | 3.97<br>30-31/1948  |
| Annual | Amt.<br>Date | 1.34<br>6/20/44  | 1.91<br>6/20/44    | 1.96<br>6/20/44    | 2.20<br>11/25/42   | 2.74<br>11/25/50   | 3.97<br>12/30-31/48 |

<sup>a</sup>Also 1/1945.

Station: MINEOLA, NEW YORK

Drainage basin: COASTAL

County: NASSAU

Lat. 40° 44' N Long. 73° 38' W

Elev.(ft.) 128

Period of record: 1941-1950

| Month  |              | Duration (hours)             |                 |                  |                    |                    |                    |
|--------|--------------|------------------------------|-----------------|------------------|--------------------|--------------------|--------------------|
|        |              | 1                            | 2               | 3                | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.28 <sup>a</sup><br>31/1942 | 0.54<br>4/1944  | 0.70<br>4/1944   | 1.26<br>4/1944     | 1.89<br>4/1944     | 2.91<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.42<br>4/1947               | 0.54<br>4/1947  | 0.82<br>4/1947   | 1.11<br>4/1947     | 1.43<br>4/1947     | 1.43<br>4/1947     |
| Mar.   | Amt.<br>Date | 0.56<br>16/1943              | 0.98<br>16/1943 | 1.30<br>16/1943  | 1.92<br>13/1944    | 2.32<br>12-13/1944 | 2.37<br>12-13/1944 |
| Apr.   | Amt.<br>Date | 0.50 <sup>b</sup><br>5/1947  | 1.00<br>1/1948  | 1.34<br>1/1948   | 1.84<br>1/1948     | 2.25<br>1/1948     | 2.32<br>2/1947     |
| May    | Amt.<br>Date | 0.91<br>17/1946              | 1.12<br>2/1949  | 1.26<br>2-3/1949 | 1.72<br>2-3/1949   | 2.02<br>2-3/1949   | 2.18<br>2-3/1949   |
| Jun.   | Amt.<br>Date | 1.42<br>7/1942               | 2.32<br>7/1942  | 2.38<br>7/1942   | 2.52<br>7/1942     | 2.53<br>7/1942     | 2.53<br>7/1942     |
| Jul.   | Amt.<br>Date | 1.52<br>27/1944              | 1.77<br>27/1942 | 2.57<br>27/1942  | 3.44<br>27/1942    | 4.09<br>27/1942    | 4.39<br>27/1942    |
| Aug.   | Amt.<br>Date | 1.22<br>5/1946               | 1.32<br>20/1950 | 1.83<br>26/1941  | 2.07<br>20/1950    | 2.42<br>20/1950    | 2.54<br>9/1942     |
| Sep.   | Amt.<br>Date | 1.36<br>14/1944              | 1.88<br>14/1944 | 2.58<br>14/1944  | 4.20<br>14/1944    | 4.45<br>14/1944    | 4.82<br>12-13/1944 |
| Oct.   | Amt.<br>Date | 0.70<br>15/1943              | 1.20<br>8/1948  | 1.50<br>8/1948   | 1.83<br>8/1948     | 2.48<br>15/1943    | 2.48<br>15/1943    |
| Nov.   | Amt.<br>Date | 0.52<br>12/1947              | 1.00<br>12/1947 | 1.34<br>12/1947  | 2.38<br>11-12/1947 | 3.13<br>11-12/1947 | 3.38<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.69<br>13/1941              | 1.35<br>13/1941 | 1.81<br>13/1941  | 2.36<br>13/1941    | 2.79<br>13/1941    | 2.92<br>13-14/1941 |
| Annual | Amt.<br>Date | 1.52<br>7/27/44              | 2.32<br>6/7/42  | 2.58<br>9/14/44  | 4.20<br>9/14/44    | 4.45<br>9/14/44    | 4.82<br>9/12-13/44 |

<sup>a</sup>Also 4/1944.

<sup>b</sup>Also 1/1948.

Station: MITCHELL FIELD, NEW YORK

Drainage basin: COASTAL

County: NASSAU

Lat. 40° 44'N Long. 73° 36'W

Elev.(ft.) 97

Period of record: 1941-1950 (BREAKS)

| Month  |              | Duration (hours) |                  |                  |                    |                    |                     |
|--------|--------------|------------------|------------------|------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                | 3                | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.29a<br>31/1942 | 0.49a<br>31/1942 | 0.64<br>5-6/1949 | 1.12<br>5-6/1944   | 1.65<br>3-4/1944   | 2.78<br>3-4/1944    |
| Feb.   | Amt.<br>Date | 0.45<br>7/1941   | 0.80<br>7/1941   | 1.09<br>7/1941   | 1.52<br>7/1941     | 2.27<br>7/1941     | 2.37<br>7/1941      |
| Mar.   | Amt.<br>Date | 0.53<br>16/1943  | 1.05<br>16/1943  | 1.35<br>16/1943  | 1.98<br>13/1944    | 2.24<br>12-13/1944 | 2.34<br>12-13/1944  |
| Apr.   | Amt.<br>Date | 0.65<br>1/1948   | 1.20<br>1/1948   | 1.25<br>1/1948   | 1.73<br>1/1948     | 1.77<br>25/1945    | 1.89b<br>23-24/1944 |
| May    | Amt.<br>Date | 0.86<br>17/1946  | 0.98<br>2/1949   | 1.35<br>2-3/1949 | 1.78<br>2-3/1949   | 2.23<br>2-3/1949   | 2.32<br>2-3/1949    |
| Jun.   | Amt.<br>Date | 0.75<br>13/1945  | 1.07<br>16/1941  | 1.08<br>16/1941  | 1.53<br>16/1941    | 2.73<br>2/1946     | 3.12<br>1-2/1946    |
| Jul.   | Amt.<br>Date | 1.30<br>16/1947  | 1.71<br>27/1944  | 1.71<br>27/1944  | 2.06<br>2/1946     | 2.06<br>2/1946     | 2.06<br>2/1946      |
| Aug.   | Amt.<br>Date | 1.13<br>26/1941  | 1.70<br>31/1949  | 1.88<br>20/1950  | 2.55<br>20/1950    | 2.95<br>20/1950    | 2.95<br>20/1950     |
| Sep.   | Amt.<br>Date | 1.02<br>14/1945  | 1.80<br>14/1944  | 2.52<br>14/1944  | 3.78<br>14/1944    | 4.00<br>14/1944    | 4.39<br>12-13/1944  |
| Oct.   | Amt.<br>Date | 0.83<br>15/1943  | 1.23<br>15/1943  | 1.39<br>15/1943  | 1.95<br>15/1943    | 2.50<br>15/1943    | 2.65<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.71<br>12/1947  | 1.21<br>12/1947  | 1.60<br>12/1947  | 2.35<br>11-12/1947 | 2.83<br>11-12/1947 | 2.94<br>11-12/1947  |
| Dec.   | Amt.<br>Date | 0.99<br>13/1941  | 1.40<br>13/1941  | 1.68<br>13/1941  | 2.36<br>13/1941    | 2.84<br>13-14/1941 | 2.97<br>13-14/1941  |
| Annual | Amt.<br>Date | 1.30<br>7/16/47  | 1.80<br>9/14/44  | 2.52<br>9/14/44  | 3.78<br>9/14/44    | 4.00<br>9/14/44    | 4.39<br>9/12-13/44  |

<sup>a</sup>Also 6/1949.

<sup>b</sup>Also 2/1947.

Station: MOUNT MORRIS, NEW YORK\*

Drainage basin: ~~GENESSEE~~

County: LIVINGSTON

Lat. 42° 44'N Long. 77° 54'W

Elev.(ft.) 880

Period of record: 1943-1950

| Month  |              | Duration (hours) |                  |                  |                    |                    |                     |
|--------|--------------|------------------|------------------|------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                | 3                | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.15<br>30/1947  | 0.23a<br>30/1947 | 0.30<br>30/1947  | 0.50<br>30/1947    | 0.77<br>30/1947    | 0.78b<br>30/1947    |
| Feb.   | Amt.<br>Date | 0.22<br>26/1944  | 0.33<br>13/1950  | 0.46<br>13/1950  | 0.79<br>13-14/1950 | 1.14<br>13-14/1950 | 1.94<br>13-14/1950  |
| Mar.   | Amt.<br>Date | 0.36<br>16/1948  | 0.39<br>16/1948  | 0.47<br>19/1948  | 0.66E<br>21/1945   | 1.08E<br>21/1945   | 1.66E<br>21-22/1945 |
| Apr.   | Amt.<br>Date | 0.55<br>27/1943  | 0.84<br>27/1943  | 0.99<br>27/1943  | 1.18<br>27/1943    | 1.57<br>27/1943    | 1.87<br>20/1947     |
| May    | Amt.<br>Date | 0.86<br>18/1950  | 1.14<br>18/1950  | 1.22<br>18/1950  | 1.26<br>18/1950    | 1.30<br>25-26/1943 | 1.31<br>25-26/1943  |
| Jun.   | Amt.<br>Date | 2.26<br>27/1946  | 2.87<br>27/1946  | 3.09<br>27/1946  | 3.16<br>27/1946    | 3.16<br>27/1946    | 3.16<br>27/1946     |
| Jul.   | Amt.<br>Date | 0.65<br>14/1945  | 0.90c<br>14/1945 | 1.05<br>25/1949  | 1.34<br>20/1950    | 1.49<br>20/1950    | 2.09<br>14-15/1945  |
| Aug.   | Amt.<br>Date | 1.02<br>17/1946  | 1.23<br>17/1946  | 1.32<br>17/1946  | 1.45<br>17-18/1949 | 1.56<br>28-29/1949 | 1.75<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 0.77<br>13/1944  | 1.32<br>13/1944  | 1.43<br>13/1944  | 1.53<br>18/1945    | 2.15<br>18/1945    | 2.60<br>17-18/1945  |
| Oct.   | Amt.<br>Date | 0.41<br>1/1945   | 0.66<br>1/1945   | 0.70<br>1/1945   | 1.17<br>12/1946    | 1.50<br>12/1946    | 1.70<br>1-2/1945    |
| Nov.   | Amt.<br>Date | 0.38<br>25/1950  | 0.60<br>25/1950  | 0.63E<br>25/1950 | 0.80<br>4/1950     | 1.38<br>3-4/1950   | 2.22<br>3-4/1950    |
| Dec.   | Amt.<br>Date | 0.27<br>2/1950   | 0.42<br>2/1950   | 0.55<br>8/1944   | 0.69<br>8/1944     | 1.01<br>11-12/1944 | 1.15<br>11-12/1944  |
| Annual | Amt.<br>Date | 2.26<br>6/27/46  | 2.87<br>6/27/46  | 3.09<br>6/27/46  | 3.16<br>6/27/46    | 3.16<br>6/27/46    | 3.16<br>6/27/46     |

\*Formerly Sonyea, New York

<sup>a</sup>Also 31/1950.

<sup>b</sup>Also 6-7/1950.

<sup>c</sup>Also 25/1949.

Station: NEVERSINK, NEW YORK\*

Drainage basin: DELAWARE

County: SULLIVAN

Lat. 41° 50' N Long. 74° 39' W

Elev.(ft.) 1300

Period of record: 1941-1950 (BREAKS)

| Month  |              | Duration (hours)             |                              |                    |                                 |                                 |                                 |
|--------|--------------|------------------------------|------------------------------|--------------------|---------------------------------|---------------------------------|---------------------------------|
|        |              | 1                            | 2                            | 3                  | 6                               | 12                              | 24                              |
| Jan.   | Amt.<br>Date | 0.50<br>1/1945               | 0.54<br>1/1945               | 0.58<br>10/1950    | 0.88 <sup>a</sup><br>30-31/1947 | 1.42<br>5/1949                  | 2.07<br>5-6/1949                |
| Feb.   | Amt.<br>Date | 0.40<br>22/1945              | 0.56<br>22/1945              | 0.71<br>22/1945    | 0.88<br>9/1950                  | 1.23<br>9/1950                  | 1.33<br>26-27/1945              |
| Mar.   | Amt.<br>Date | 0.30<br>9/1946               | 0.52<br>3/1942               | 0.69<br>3/1942     | 1.10<br>3/1942                  | 1.38<br>3/1942                  | 1.65<br>3/1942                  |
| Apr.   | Amt.<br>Date | 1.51<br>11/1948              | 1.71<br>11/1948              | 1.73<br>11/1948    | 1.76<br>11/1948                 | 1.76<br>11/1948                 | 1.82<br>11-12/1948              |
| May    | Amt.<br>Date | 0.83<br>20/1942              | 1.16<br>18/1945              | 1.24<br>18/1945    | 1.33<br>18-19/1945              | 1.70<br>20/1949                 | 2.39 <sup>E</sup><br>25-26/1947 |
| Jun.   | Amt.<br>Date | 1.76<br>14/1942              | 1.94<br>14/1942              | 2.04<br>14/1942    | 2.43<br>14/1942                 | 2.44<br>14/1942                 | 2.48<br>13-14/1942              |
| Jul.   | Amt.<br>Date | 0.83<br>13/1948              | 1.42<br>28/1945              | 1.78<br>28/1945    | 2.18<br>28/1945                 | 2.70<br>14-15/1945              | 3.28 <sup>E</sup><br>14-15/1945 |
| Aug.   | Amt.<br>Date | 0.80<br>5/1948               | 1.10<br>5/1948               | 1.40<br>5/1948     | 1.79<br>5/1948                  | 2.05 <sup>E</sup><br>13-14/1943 | 3.08<br>13-14/1943              |
| Sep.   | Amt.<br>Date | 1.43<br>6/1943               | 1.43<br>6/1943               | 1.43<br>6/1943     | 1.44<br>27/1942                 | 2.26<br>27/1942                 | 3.44<br>26-27/1942              |
| Oct.   | Amt.<br>Date | 0.38 <sup>b</sup><br>26/1943 | 0.60 <sup>c</sup><br>28/1947 | 0.78<br>26-27/1943 | 0.96<br>26-27/1943              | 1.58<br>26-27/1943              | 2.18<br>26-27/1943              |
| Nov.   | Amt.<br>Date | 0.36<br>8/1943               | 0.62<br>11-12/1947           | 0.90<br>11-12/1947 | 1.33<br>11-12/1947              | 1.86<br>11-12/1947              | 2.13<br>19-20/1948              |
| Dec.   | Amt.<br>Date | 0.27<br>25/1945              | 0.46<br>25/1945              | 0.64<br>25/1945    | 0.94<br>25/1945                 | 1.32<br>29/1948                 | 2.42<br>29-30/1948              |
| Annual | Amt.<br>Date | 1.76<br>6/14/42              | 1.94<br>6/14/42              | 2.04<br>6/14/42    | 2.43<br>6/14/42                 | 2.70<br>7/14-15/45              | 3.44<br>9/26-27/42              |

\*Formerly Claryville, New York

<sup>a</sup>Also 10/1950.

<sup>b</sup>Also 30/1947.

<sup>c</sup>Also 10/1948.



Station: NEW YORK WB APT LA GUARDIA, NEW YORK

Drainage basin: COASTAL

County: QUEENS

Lat. 40° 46'N Long. 73° 52'W

Elev.(ft.) 19

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                  |                    |                    |                     |
|--------|--------------|------------------|-----------------|------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2               | 3                | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.43<br>31/1942  | 0.60<br>31/1942 | 0.65<br>31/1942  | 0.97<br>16/1941    | 1.48<br>16-17/1941 | 2.12<br>3-4/1944    |
| Feb.   | Amt.<br>Date | 0.59<br>7/1941   | 1.14<br>7/1941  | 1.41<br>7/1941   | 2.16<br>7/1941     | 2.86<br>7/1941     | 2.90<br>7/1941      |
| Mar.   | Amt.<br>Date | 0.62<br>15/1946  | 1.12<br>3/1942  | 1.50<br>3/1942   | 2.11<br>3/1942     | 2.50<br>2-3/1942   | 2.62<br>2-3/1942    |
| Apr.   | Amt.<br>Date | 0.53<br>1/1948   | 0.74<br>1/1948  | 0.99<br>1/1948   | 1.46<br>1/1948     | 1.66<br>5/1947     | 1.78<br>5/1947      |
| May    | Amt.<br>Date | 0.74<br>30/1948  | 1.09<br>30/1948 | 1.31<br>14/1946  | 1.60<br>14-15/1946 | 1.81<br>27/1946    | 1.97<br>30-31/1948  |
| Jun.   | Amt.<br>Date | 1.10<br>24/1948  | 1.36<br>24/1948 | 1.43<br>24/1948  | 1.51<br>24/1948    | 2.54<br>2/1946     | 3.26<br>1-2/1946    |
| Jul.   | Amt.<br>Date | 1.84<br>27/1944  | 2.32<br>27/1944 | 2.32<br>27/1944  | 2.32<br>27/1944    | 2.46<br>10/1950    | 2.83<br>22-23/1946  |
| Aug.   | Amt.<br>Date | 1.99<br>16/1944  | 2.46<br>16/1944 | 2.56<br>3/1946   | 2.80<br>3/1946     | 2.80<br>3/1946     | 2.80<br>3/1946      |
| Sep.   | Amt.<br>Date | 1.44<br>10/1945  | 1.46<br>10/1945 | 1.83<br>14/1945  | 2.33<br>14/1944    | 2.88<br>13/1944    | 3.31<br>12-13/1944  |
| Oct.   | Amt.<br>Date | 0.92<br>29/1947  | 0.98<br>29/1947 | 1.26<br>15/1943  | 1.98<br>15/1943    | 2.49<br>15/1943    | 3.36<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 1.97<br>4/1950   | 2.22<br>4/1950  | 2.35<br>4-5/1950 | 2.39<br>4-5/1950   | 2.40<br>4-5/1950   | 3.21<br>4-5/1950    |
| Dec.   | Amt.<br>Date | 0.50<br>13/1941  | 0.98<br>13/1941 | 1.36<br>13/1941  | 2.50<br>13/1941    | 3.20<br>13/1941    | 3.44<br>13-14/1941  |
| Annual | Amt.<br>Date | 1.99<br>8/16/44  | 2.46<br>8/16/44 | 2.56<br>8/3/46   | 2.80<br>8/3/46     | 3.20<br>12/13/41   | 3.44<br>12/13-14/41 |



Station: NEW YORK WB CITY, NEW YORK\*

Drainage basin: COASTAL

County: NEW YORK

Lat. 40° 42'N Long. 74° 01'W

Elev.(ft.) 10

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                    |                 |                    |                    |                     |
|--------|--------------|------------------|--------------------|-----------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                  | 3               | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.60<br>31/1942  | 0.80<br>31/1942    | 0.86<br>31/1942 | 1.38<br>4/1944     | 2.02<br>3-4/1944   | 3.42<br>3-4/1944    |
| Feb.   | Amt.<br>Date | 0.72<br>7/1941   | 1.19<br>7/1941     | 1.42<br>7/1941  | 2.10<br>7/1941     | 2.70<br>7/1941     | 2.74<br>7/1941      |
| Mar.   | Amt.<br>Date | 0.67<br>6/1943   | 1.07<br>6/1943     | 1.41<br>13/1944 | 2.11<br>12-13/1944 | 2.47<br>12-13/1944 | 2.49<br>12-13/1944  |
| Apr.   | Amt.<br>Date | 0.51<br>1/1948   | 0.84<br>8/1940     | 1.13<br>8/1940  | 1.75<br>8/1940     | 1.86<br>8/1940     | 2.33<br>5-6/1941    |
| May    | Amt.<br>Date | 1.11<br>31/1940  | 1.89<br>31/1940    | 2.35<br>31/1940 | 2.73<br>31/1940    | 3.01<br>30-31/1940 | 3.01<br>30-31/1940  |
| Jun.   | Amt.<br>Date | 2.36<br>7/1942   | 2.61<br>7/1942     | 2.73<br>7/1942  | 2.91<br>7/1942     | 2.97<br>7-8/1942   | 3.53<br>1-2/1946    |
| Jul.   | Amt.<br>Date | 1.37<br>21/1948  | 2.47<br>21/1948    | 2.84<br>21/1948 | 2.88<br>21/1948    | 3.11<br>13-14/1948 | 3.28<br>13-14/1948  |
| Aug.   | Amt.<br>Date | 2.97<br>26/1947  | 3.52<br>26/1947    | 3.65<br>26/1947 | 3.69<br>26/1947    | 3.69<br>26/1947    | 3.69<br>26/1947     |
| Sep.   | Amt.<br>Date | 1.69<br>14/1945  | 1.97<br>14/1945    | 2.54<br>14/1945 | 2.86<br>14/1944    | 3.21<br>13/1944    | 3.47<br>12-13/1944  |
| Oct.   | Amt.<br>Date | 0.92<br>26/1943  | 1.17<br>26-27/1943 | 1.48<br>20/1944 | 2.16<br>20-21/1944 | 3.37<br>26-27/1943 | 4.23<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.68<br>1/1942   | 0.93<br>12/1947    | 1.16<br>12/1947 | 1.48<br>12/1947    | 2.24<br>25/1950    | 2.36<br>20-21/1944  |
| Dec.   | Amt.<br>Date | 0.70<br>13/1941  | 1.15<br>13/1941    | 1.39<br>13/1941 | 2.30<br>13/1941    | 2.95<br>13/1941    | 3.23<br>13-14/1941  |
| Annual | Amt.<br>Date | 2.97<br>8/26/47  | 3.52<br>8/26/47    | 3.65<br>8/26/47 | 3.69<br>8/26/47    | 3.69<br>8/26/47    | 4.23<br>10/26-27/43 |

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

January 24-hour and December 2-, and 24-hour amounts are true maxima.

Station: NEW YORK WB CITY, NEW YORK

Drainage basin: COASTAL

County: NEW YORK

Lat. 40° 42'N Long. 74° 01'W

Elev.(ft.) 10

Period of record: 1889-1950

| Month  |              | Duration (hours) |                 |                 |                 |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|-----------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6               | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.70<br>1/1923   | 0.94<br>1/1923  | 1.13<br>1/1923  | 1.38<br>4/1944  | 2.02<br>3-4/1944   | 3.42<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.72<br>7/1941   | 1.19<br>7/1941  | 1.42<br>7/1941  | 2.10<br>7/1941  | 2.70<br>7/1941     | 2.88<br>1-2/1915   |
| Mar.   | Amt.<br>Date | 1.20<br>23/1929  | 1.32<br>23/1929 | 1.52<br>28/1932 | 2.18<br>1/1914  | 2.71<br>1/1914     | 2.99<br>1-2/1914   |
| Apr.   | Amt.<br>Date | 0.74<br>21/1927  | 0.92<br>21/1927 | 1.20<br>14/1893 | 1.75<br>8/1940  | 2.34<br>9-10/1906  | 2.79<br>14-15/1909 |
| May    | Amt.<br>Date | 1.11<br>31/1940  | 1.89<br>13/1940 | 2.35<br>31/1940 | 2.73<br>31/1940 | 3.76<br>7/1908     | 4.18<br>7-9/1908   |
| Jun.   | Amt.<br>Date | 2.36<br>7/1942   | 3.50<br>14/1917 | 3.66<br>14/1917 | 3.86<br>14/1917 | 3.86<br>14/1917    | 3.88<br>14-15/1917 |
| Jul.   | Amt.<br>Date | 2.28<br>10/1905  | 2.50<br>16/1927 | 2.84<br>21/1948 | 2.93<br>16/1927 | 3.11<br>13-14/1948 | 3.40<br>19-20/1919 |
| Aug.   | Amt.<br>Date | 2.97<br>26/1947  | 3.52<br>26/1947 | 3.65<br>26/1947 | 3.69<br>26/1947 | 4.45<br>12-13/1926 | 5.05<br>16-17/1909 |
| Sep.   | Amt.<br>Date | 2.00<br>4/1913   | 2.82<br>4/1913  | 3.22<br>17/1890 | 3.77<br>17/1890 | 4.25<br>18/1894    | 5.12<br>16-17/1890 |
| Oct.   | Amt.<br>Date | 2.26<br>1/1913   | 3.34<br>1/1913  | 3.80<br>1/1913  | 4.44<br>1/1913  | 6.30<br>8-9/1903   | 9.55<br>8-9/1903   |
| Nov.   | Amt.<br>Date | 0.68<br>1/1942   | 0.93<br>12/1947 | 1.16<br>12/1947 | 2.12<br>8/1898  | 2.62<br>3/1910     | 3.64<br>15-16/1892 |
| Dec.   | Amt.<br>Date | 0.96<br>8/1917   | 1.15a<br>8/1917 | 1.39<br>13/1941 | 2.30<br>13/1941 | 2.95<br>13/1941    | 3.23<br>13-14/1941 |
| Annual | Amt.<br>Date | 2.97<br>8/26/47  | 3.52<br>8/26/47 | 3.80<br>10/1/13 | 4.44<br>10/1/13 | 6.30<br>10/8-9/03  | 9.55<br>10/8-9/03  |

<sup>a</sup>Also 13/1941

January 24-hr, June 24-hr, August 24-hr, December 1-, 2-, and 24-hr amounts are true maxima.

Station: NEW YORK CENTRAL PARK, NEW YORK

Drainage basin: COASTAL

County: NEW YORK

Lat. 40° 47'N Long. 73° 58'W

Elev.(ft.) 138

Period of record: 1940-1950

| Month  |              | Duration (hours) |                              |                    |                    |                    |                    |
|--------|--------------|------------------|------------------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                            | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.64<br>31/1942  | 0.90<br>31/1942              | 1.00<br>31/1942    | 1.44<br>14/1940    | 2.11<br>14-15/1940 | 2.20<br>14-15/1940 |
| Feb.   | Amt.<br>Date | 0.63<br>7/1941   | 1.18<br>7/1941               | 1.45<br>7/1941     | 2.22<br>7/1941     | 2.92<br>7/1941     | 2.96<br>7/1941     |
| Mar.   | Amt.<br>Date | 0.64<br>6/1943   | 1.01<br>6/1943               | 1.24<br>6/1943     | 1.70<br>13/1944    | 2.03<br>12-13/1944 | 2.04<br>12-13/1944 |
| Apr.   | Amt.<br>Date | 0.55<br>24/1944  | 0.80<br>8/1940               | 1.16<br>8/1940     | 1.79<br>8/1940     | 1.88<br>8/1940     | 1.95<br>5/1947     |
| May    | Amt.<br>Date | 0.86<br>31/1940  | 1.67<br>31/1940              | 2.19<br>31/1940    | 2.86<br>31/1940    | 3.13<br>31/1940    | 3.13<br>31/1940    |
| Jun.   | Amt.<br>Date | 0.70<br>4/1950   | 1.15<br>24/1948              | 1.24<br>24/1948    | 1.28<br>24/1948    | 2.00<br>2/1946     | 2.48<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.10<br>27/1949  | 1.23 <sup>a</sup><br>11/1940 | 1.43<br>11/1940    | 1.92<br>11/1940    | 1.95<br>11-12/1940 | 2.83<br>22-23/1946 |
| Aug.   | Amt.<br>Date | 1.25<br>3/1946   | 2.11<br>26/1941              | 2.71<br>3/1946     | 2.71<br>3/1946     | 4.05<br>9/1942     | 4.09<br>9/1942     |
| Sep.   | Amt.<br>Date | 1.97<br>14/1945  | 2.14<br>14/1945              | 2.74<br>14/1945    | 3.62<br>14/1944    | 3.80<br>14/1944    | 4.03<br>13-14/1944 |
| Oct.   | Amt.<br>Date | 1.05<br>26/1943  | 1.29<br>26/1943              | 1.37<br>26-27/1943 | 1.71<br>26/1943    | 2.94<br>26-27/1943 | 3.48<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.79<br>12/1947  | 1.13<br>12/1947              | 1.43<br>12/1947    | 1.75<br>11-12/1947 | 2.34<br>11-12/1947 | 2.39<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.68<br>13/1941  | 1.04<br>13/1941              | 1.37<br>13/1941    | 2.18<br>13/1941    | 2.79<br>13/1941    | 3.03<br>13-14/1941 |
| Annual | Amt.<br>Date | 1.97<br>9/14/45  | 2.14<br>9/14/45              | 2.74<br>9/14/45    | 3.62<br>9/14/44    | 4.05<br>8/9/42     | 4.09<br>8/9/42     |

<sup>a</sup>Also 23/1946.

Station: NEW YORK, NEW YORK UNIVERSITY, NEW YORK

Drainage basin: COASTAL

County: BRONX

Lat. 40° 51'N Long. 73° 55'W

Elev.(ft.) 180

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                              |                 |                    |                    |
|--------|--------------|------------------|-----------------|------------------------------|-----------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                            | 6               | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.34<br>18/1943  | 0.58<br>28/1943 | 0.81<br>28/1943              | 1.39<br>28/1943 | 2.16<br>28/1943    | 2.79<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.56<br>7/1941   | 0.87<br>7/1941  | 1.13<br>7/1941               | 1.83<br>7/1941  | 2.63<br>7/1941     | 2.72<br>7/1941     |
| Mar.   | Amt.<br>Date | 0.86<br>6/1943   | 1.33<br>6/1943  | 1.77<br>6/1943               | 2.18<br>6/1943  | 2.54<br>6/1943     | 2.56<br>6/1943     |
| Apr.   | Amt.<br>Date | 0.53<br>8/1940   | 0.86<br>8/1940  | 1.18<br>8/1940               | 1.81<br>8/1940  | 2.03<br>8-9/1940   | 2.30<br>23-24/1944 |
| May    | Amt.<br>Date | 0.85<br>31/1940  | 1.21<br>31/1940 | 1.58<br>31/1940              | 3.05<br>31/1940 | 3.46<br>31/1940    | 3.46<br>31/1940    |
| Jun.   | Amt.<br>Date | 1.29<br>21/1945  | 2.15<br>21/1945 | 2.25<br>21/1945              | 2.54<br>21/1945 | 2.55<br>21/1945    | 2.63<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.98<br>27/1942  | 2.60<br>27/1942 | 3.75<br>27/1942              | 4.12<br>27/1942 | 4.33<br>27/1942    | 4.97<br>27/1942    |
| Aug.   | Amt.<br>Date | 1.25<br>9/1942   | 2.19<br>9/1942  | 2.44<br>9/1942               | 3.18<br>9/1942  | 4.14<br>9/1942     | 4.16<br>9/1942     |
| Sep.   | Amt.<br>Date | 1.87<br>14/1944  | 2.92<br>14/1944 | 3.75<br>14/1944              | 4.75<br>14/1944 | 4.95<br>14-15/1944 | 5.74<br>13-14/1944 |
| Oct.   | Amt.<br>Date | 0.59<br>12/1950  | 1.04<br>15/1943 | 1.43<br>15/1943              | 2.11<br>15/1943 | 3.36<br>15/1943    | 3.65<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.68<br>4/1950   | 0.88<br>1/1942  | 1.07<br>1/1942               | 1.71<br>8/1947  | 2.00<br>28-29/1945 | 2.63<br>20-21/1944 |
| Dec.   | Amt.<br>Date | 0.67<br>13/1941  | 1.17<br>13/1941 | 1.52<br>13/1941              | 2.80<br>13/1941 | 3.94<br>13-14/1941 | 4.09<br>13-14/1941 |
| Annual | Amt.<br>Date | 1.98<br>7/27/42  | 2.92<br>9/14/44 | 3.75 <sup>a</sup><br>7/27/42 | 4.75<br>9/14/44 | 4.95<br>9/14-15/44 | 5.74<br>9/13-14/44 |

<sup>a</sup>Also 9/14/44.

Station: NEW YORK AVE V BROOKLYN, NEW YORK

Drainage basin: COASTAL

County: KINGS

Lat. 40° 35'N Long. 73° 58'W

Elev.(ft.) 20

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.38<br>31/1942  | 0.50<br>31/1942 | 0.63<br>16/1941 | 1.02<br>16/1941    | 1.44<br>3-4/1944   | 2.69<br>3-4/1944   |
| Feb.   | Amt.<br>Date | 0.55<br>7/1941   | 0.84<br>7/1941  | 1.08<br>7/1941  | 1.68<br>7/1941     | 2.25<br>7/1941     | 2.27<br>7/1941     |
| Mar.   | Amt.<br>Date | 0.52<br>26/1946  | 0.92<br>13/1944 | 1.23<br>13/1944 | 1.85<br>13/1944    | 2.12<br>12-13/1944 | 2.15<br>12-13/1944 |
| Apr.   | Amt.<br>Date | 0.63<br>1/1948   | 1.10<br>1/1948  | 1.25<br>1/1948  | 1.47<br>1/1948     | 1.68<br>1/1948     | 1.70<br>1/1948     |
| May    | Amt.<br>Date | 0.77<br>17/1946  | 0.95<br>17/1946 | 1.05<br>14/1946 | 1.38<br>14/1946    | 1.60<br>31/1940    | 1.93<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 0.99<br>10/1944  | 1.59<br>24/1948 | 1.74<br>24/1948 | 1.83<br>2/1946     | 3.11<br>2/1946     | 3.49<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.49<br>1/1942   | 2.36<br>1/1942  | 2.42<br>1/1942  | 2.43<br>1/1942     | 2.43a<br>1/1942    | 3.94<br>1-2/1942   |
| Aug.   | Amt.<br>Date | 1.14<br>13/1949  | 1.94<br>13/1949 | 1.95<br>13/1949 | 1.95<br>13/1949    | 2.20<br>9/1942     | 2.76<br>19-20/1950 |
| Sep.   | Amt.<br>Date | 1.18<br>14/1944  | 1.84<br>14/1944 | 2.59<br>14/1944 | 3.52<br>14/1944    | 3.62<br>14/1944    | 3.63<br>14/1944    |
| Oct.   | Amt.<br>Date | 0.57<br>15/1943  | 0.87<br>20/1944 | 1.17<br>20/1944 | 1.73<br>20-21/1944 | 3.02<br>26-27/1943 | 3.90<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 1.01<br>4/1950   | 1.34<br>4/1950  | 1.53<br>4/1950  | 1.63<br>4-5/1950   | 1.76<br>25/1950    | 2.09<br>4-5/1950   |
| Dec.   | Amt.<br>Date | 0.82<br>13/1941  | 1.14<br>13/1941 | 1.49<br>13/1941 | 2.50<br>13/1941    | 3.02<br>13-14/1941 | 3.21<br>13-14/1941 |
| Annual | Amt.<br>Date | 1.49<br>7/1/42   | 2.36<br>7/1/42  | 2.59<br>9/14/44 | 3.52<br>9/14/44    | 3.62<br>9/14/44    | 3.94<br>7/1-2/42   |

<sup>a</sup>Also 13-14/1948.



Station: NEW YORK WESTERLEIGH STAT. IS., NEW YORK

Drainage basin: COASTAL

County: RICHMOND

Lat. 40° 36'N Long. 74° 10'W

Elev.(ft.) 80

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                 |                 |                    |                     |
|--------|--------------|------------------|-----------------|-----------------|-----------------|--------------------|---------------------|
|        |              | 1                | 2               | 3               | 6               | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.37<br>21/1949  | 0.64<br>21/1949 | 0.78<br>21/1949 | 1.26<br>21/1949 | 1.81<br>21-22/1949 | 2.88<br>3-4/1944    |
| Feb.   | Amt.<br>Date | 0.55<br>7/1941   | 0.91<br>7/1941  | 1.26<br>7/1941  | 1.78<br>7/1941  | 2.33<br>7/1941     | 2.37<br>7/1941      |
| Mar.   | Amt.<br>Date | 0.69<br>6/1943   | 1.10<br>6/1943  | 1.42a<br>6/1943 | 2.28<br>13/1944 | 2.61<br>12-13/1944 | 2.67<br>12-13/1944  |
| Apr.   | Amt.<br>Date | 0.42<br>6/1949   | 0.78<br>1/1948  | 0.96<br>1/1948  | 1.46<br>1/1948  | 1.77<br>5/1941     | 2.36<br>5-6/1941    |
| May    | Amt.<br>Date | 1.12<br>31/1940  | 2.05<br>31/1940 | 2.26<br>31/1940 | 2.64<br>31/1940 | 2.89<br>31/1940    | 2.89<br>31/1940     |
| Jun.   | Amt.<br>Date | 0.98<br>24/1948  | 1.66<br>24/1948 | 1.82<br>24/1948 | 1.85<br>24/1948 | 2.86<br>2/1946     | 3.53<br>1-2/1946    |
| Jul.   | Amt.<br>Date | 2.54<br>27/1942  | 3.40<br>27/1942 | 4.08<br>27/1942 | 4.81<br>27/1942 | 4.92<br>27/1942    | 4.94<br>27/1942     |
| Aug.   | Amt.<br>Date | 1.86<br>20/1950  | 1.88<br>20/1950 | 1.98<br>20/1950 | 2.58<br>20/1950 | 3.39<br>9/1942     | 3.91<br>19-20/1950  |
| Sep.   | Amt.<br>Date | 1.19<br>14/1944  | 2.21<br>14/1944 | 3.12<br>14/1944 | 3.95<br>14/1944 | 4.01<br>14/1944    | 4.17<br>13-14/1944  |
| Oct.   | Amt.<br>Date | 1.44<br>26/1943  | 2.04<br>26/1943 | 2.40<br>26/1943 | 3.08<br>26/1943 | 4.52<br>26-27/1943 | 5.26<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.72<br>12/1947  | 1.12<br>25/1950 | 1.42<br>8/1947  | 2.22<br>8/1947  | 2.82<br>25/1950    | 2.88<br>25/1950     |
| Dec.   | Amt.<br>Date | 0.55<br>13/1941  | 0.95<br>13/1941 | 1.27<br>13/1941 | 2.03<br>13/1941 | 2.67<br>13/1941    | 2.98<br>13-14/1941  |
| Annual | Amt.<br>Date | 2.54<br>7/27/42  | 3.40<br>7/27/42 | 4.08<br>7/27/42 | 4.81<br>7/27/42 | 4.92<br>7/27/42    | 5.26<br>10/26-27/43 |

<sup>a</sup>Also 13/1944.



Station: OAKLAND VALLEY, NEW YORK

Drainage basin: DELAWARE

County: ORANGE

Lat. 41° 30'N Long. 74° 39'W

Elev.(ft.) 660

Period of record: 1940-1950

| Month  |              | Duration (hours)             |                                 |                    |                    |                    |                    |
|--------|--------------|------------------------------|---------------------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                            | 2                               | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.36<br>20/1947              | 0.54<br>1/1945                  | 0.71<br>14/1940    | 1.22<br>14/1940    | 1.91<br>14-15/1940 | 1.92<br>14-15/1940 |
| Feb.   | Amt.<br>Date | 0.22<br>7/1941               | 0.41<br>7/1941                  | 0.59<br>7/1941     | 1.08<br>7/1941     | 1.57<br>7/1941     | 1.62<br>7-8/1941   |
| Mar.   | Amt.<br>Date | 0.42<br>8/1950               | 0.63 <sup>a</sup><br>14-15/1940 | 0.86<br>14-15/1940 | 1.53<br>14-15/1940 | 2.02<br>14-15/1940 | 2.03<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.32 <sup>b</sup><br>24/1944 | 0.52<br>5/1947                  | 0.72<br>5/1947     | 1.32<br>5/1947     | 1.89<br>5/1947     | 2.21<br>4-5/1947   |
| May    | Amt.<br>Date | 0.84<br>24/1950              | 0.98<br>24/1950                 | 1.15<br>25/1947    | 1.59<br>25/1947    | 1.88<br>25/1947    | 2.15<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.31<br>17/1941              | 1.35<br>17/1941                 | 1.38<br>17/1941    | 1.38<br>17/1941    | 1.45<br>15-16/1945 | 1.81<br>17-18/1941 |
| Jul.   | Amt.<br>Date | 1.47<br>29/1942              | 1.74<br>16/1947                 | 2.01<br>16/1947    | 2.24<br>16/1947    | 2.39<br>16/1947    | 2.50<br>16-17/1947 |
| Aug.   | Amt.<br>Date | 0.96<br>11/1948              | 1.15<br>20/1948                 | 1.33<br>5/1948     | 1.70<br>5/1948     | 2.02<br>24/1945    | 2.82<br>31-1/1940  |
| Sep.   | Amt.<br>Date | 0.92<br>24/1946              | 1.42<br>24/1946                 | 1.52<br>24/1946    | 1.66<br>24/1946    | 1.90<br>31-1/1940  | 3.02<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.61<br>16/1943              | 0.73<br>16/1943                 | 0.97<br>26/1943    | 1.16<br>26/1943    | 1.78<br>26-27/1943 | 2.61<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.80<br>8/1947               | 1.10<br>8/1947                  | 1.43<br>8/1947     | 2.12<br>8/1947     | 2.71<br>25/1950    | 3.25<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.39<br>4/1950               | 0.65<br>25/1945                 | 0.83<br>4/1950     | 1.40<br>4/1950     | 1.77<br>4/1950     | 2.73<br>30/1948    |
| Annual | Amt.<br>Date | 1.47<br>7/29/42              | 1.74<br>7/16/47                 | 2.01<br>7/16/47    | 2.24<br>7/16/47    | 2.71<br>11/25/50   | 3.25<br>11/25/50   |

<sup>a</sup>Also 21/1948.

<sup>b</sup>Also 22/1949.

Station: OLD FORGE, NEW YORK

Drainage basin: BLACK

County: HERKIMER

Lat. 43° 43' N Long. 74° 58' W

Elev.(ft.) 1730

Period of record: 1947-1950

| Month  |              | Duration (hours)             |                             |                             |                             |                    |                    |
|--------|--------------|------------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------|--------------------|
|        |              | 1                            | 2                           | 3                           | 6                           | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.33 <sup>E</sup><br>2/1948  | 0.63 <sup>E</sup><br>2/1948 | 0.77 <sup>E</sup><br>2/1948 | 1.06 <sup>E</sup><br>2/1948 | 1.70<br>2/1948     | 1.83<br>2/1948     |
| Feb.   | Amt.<br>Date | 0.18 <sup>a</sup><br>14/1948 | 0.35<br>14/1948             | 0.42<br>14/1948             | 0.66<br>13-14/1948          | 0.94<br>25/1949    | 1.18<br>25-26/1949 |
| Mar.   | Amt.<br>Date | 0.42<br>8/1950               | 0.59<br>8/1950              | 0.70<br>8/1950              | 0.91<br>8/1950              | 1.14<br>8-9/1950   | 1.26<br>8-9/1950   |
| Apr.   | Amt.<br>Date | 0.27<br>20/1948              | 0.44<br>20/1948             | 0.60<br>19-20/1950          | 0.86<br>19-20/1950          | 1.02<br>19-20/1950 | 1.17<br>6-7/1949   |
| May    | Amt.<br>Date | 0.36<br>17/1948              | 0.36<br>17/1948             | 0.37<br>12/1948             | 0.54<br>11-12/1948          | 0.61<br>11-12/1948 | 0.84<br>31-1/1948  |
| Jun.   | Amt.<br>Date | 0.89<br>9/1948               | 0.96<br>9/1948              | 0.99<br>9/1948              | 1.04<br>9/1948              | 1.05<br>9/1948     | 1.07<br>9-10/1948  |
| Jul.   | Amt.<br>Date | 0.72<br>6/1948               | 0.85<br>6/1948              | 1.25<br>6/1948              | 1.50<br>6/1948              | 1.69<br>6/1948     | 2.31<br>5-6/1948   |
| Aug.   | Amt.<br>Date | 0.80<br>13/1948              | 0.95<br>13/1948             | 1.11<br>22/1948             | 1.52<br>29/1949             | 2.19<br>29/1949    | 3.01<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.95<br>4/1948               | 1.01<br>4/1948              | 1.02<br>4/1948              | 1.11<br>14/1949             | 1.44<br>13-14/1949 | 1.50<br>13-14/1949 |
| Oct.   | Amt.<br>Date | 0.22<br>29/1947              | 0.42<br>29/1947             | 0.51<br>8/1948              | 0.68<br>8/1948              | 1.00<br>8/1948     | 1.10<br>12-13/1950 |
| Nov.   | Amt.<br>Date | 0.45<br>6/1948               | 0.74<br>6/1948              | 1.07<br>6/1948              | 1.89<br>6/1948              | 2.20<br>6-7/1948   | 2.33<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.21<br>6/1948               | 0.33<br>20-21/1949          | 0.44<br>20-21/1949          | 0.78<br>20-21/1949          | 1.12<br>31/1948    | 1.77<br>29-30/1948 |
| Annual | Amt.<br>Date | 0.95<br>9/4/48               | 1.01<br>9/4/48              | 1.25<br>7/6/48              | 1.89<br>11/6/48             | 2.20<br>11/6-7/48  | 3.01<br>8/28-29/49 |

<sup>a</sup>Also 23/1950.

Station: OSWEGO WB CITY, NEW YORK\*

Drainage basin: LAKE ONTARIO

County: OSWEGO

Lat. 43° 27'N Long. 76° 31'W

Elev.(ft.) 292

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                  |                  |                   |                    |                    |
|--------|--------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                | 6                 | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.15<br>30/1945  | 0.30<br>30/1945  | 0.40a<br>30/1945 | 0.68<br>30/1947   | 0.88<br>30/1947    | 0.94<br>1/1940     |
| Feb.   | Amt.<br>Date | 0.16b<br>10/1943 | 0.29b<br>10/1943 | 0.39<br>7/1942   | 0.75<br>7/1942    | 1.14<br>7/1942     | 1.50E<br>7-8/1942  |
| Mar.   | Amt.<br>Date | 0.26c<br>21/1948 | 0.50<br>21/1948  | 0.52<br>21/1948  | 0.64<br>23/1950   | 1.00E<br>3/1942    | 1.23<br>3/1942     |
| Apr.   | Amt.<br>Date | 0.45<br>9/1944   | 0.50<br>6/1942   | 0.61<br>6/1942   | 0.90<br>9-10/1944 | 1.34<br>9-10/1944  | 1.49<br>9-10/1944  |
| May    | Amt.<br>Date | 0.86<br>21/1947  | 0.96<br>21/1947  | 0.99<br>21/1947  | 1.14<br>26/1943   | 1.36<br>25-26/1943 | 1.77<br>25-26/1943 |
| Jun.   | Amt.<br>Date | 1.09<br>24/1950  | 1.12<br>24/1950  | 1.12<br>24/1950  | 1.18<br>24/1950   | 1.52<br>23-24/1950 | 1.87<br>18-19/1940 |
| Jul.   | Amt.<br>Date | 1.28<br>5/1945   | 1.65<br>5/1945   | 2.62<br>5/1945   | 2.67<br>5/1945    | 2.68<br>5-6/1945   | 2.68<br>5-6/1945   |
| Aug.   | Amt.<br>Date | 1.19<br>25/1941  | 1.57<br>25/1941  | 1.66<br>25/1941  | 1.76<br>25/1941   | 1.76<br>25/1941    | 1.76<br>25/1941    |
| Sep.   | Amt.<br>Date | 0.96<br>2/1947   | 1.05<br>2/1947   | 1.25<br>29/1946  | 1.42<br>18/1945   | 1.97<br>18/1945    | 2.20<br>18/1945    |
| Oct.   | Amt.<br>Date | 0.69<br>8/1950   | 0.90<br>8/1950   | 1.04<br>8/1950   | 1.72<br>8-9/1950  | 2.46<br>8-9/1950   | 2.49<br>8-9/1950   |
| Nov.   | Amt.<br>Date | 0.34<br>8/1943   | 0.51<br>8/1943   | 0.67<br>8/1943   | 1.12<br>8/1943    | 1.37<br>8/1947     | 2.18<br>3-4/1950   |
| Dec.   | Amt.<br>Date | 0.23d<br>27/1942 | 0.41<br>24/1941  | 0.56<br>24/1941  | 0.91<br>24/1941   | 1.48<br>30/1942    | 2.01<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.28<br>7/5/45   | 1.65<br>7/5/45   | 2.62<br>7/5/45   | 2.67<br>7/5/45    | 2.68<br>7/5-6/45   | 2.68<br>7/5-6/45   |

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

<sup>a</sup>Also 30/1947. <sup>b</sup>Also 22/1944. <sup>c</sup>Also 22/1948. <sup>d</sup>Also 30/1942.

Station: OSWEGO WB CITY, NEW YORK

Drainage basin: LAKE ONTARIO

County: OSWEGO

Lat. 43° 27'N Long. 76° 31'W

Elev.(ft.) 292

Period of record: 1907-1950

| Month  |              | Duration (hours)             |                              |                              |                                 |                             |                    |
|--------|--------------|------------------------------|------------------------------|------------------------------|---------------------------------|-----------------------------|--------------------|
|        |              | 1                            | 2                            | 3                            | 6                               | 12                          | 24                 |
| Jan.   | Amt.<br>Date | 0.30<br>3/1913               | 0.58<br>3/1913               | 0.66<br>3/1913               | 1.16<br>3/1913                  | 1.36<br>3/1913              | 1.45<br>3-4/1913   |
| Feb.   | Amt.<br>Date | 0.30 <sup>a</sup><br>21/1937 | 0.60<br>13/1938              | 0.82 <sup>E</sup><br>22/1937 | 1.27 <sup>E</sup><br>21-22/1937 | 1.68<br>21-22/1937          | 1.68<br>21-22/1937 |
| Mar.   | Amt.<br>Date | 0.31<br>23/1938              | 0.50<br>21/1948              | 0.52<br>21/1948              | 0.64<br>23/1950                 | 1.00 <sup>E</sup><br>3/1942 | 1.35<br>7-8/1930   |
| Apr.   | Amt.<br>Date | 0.45<br>9/1944               | 0.55<br>6/1929               | 0.69<br>6/1929               | 0.90<br>9-10/1944               | 1.34<br>9-10/1944           | 1.90<br>6-7/1924   |
| May    | Amt.<br>Date | 1.15<br>20/1931              | 1.15<br>20/1931              | 1.36<br>20/1931              | 1.77<br>20-21/1931              | 1.92<br>20-21/1931          | 2.36<br>28-29/1912 |
| Jun.   | Amt.<br>Date | 1.59<br>11/1911              | 1.95<br>8/1919               | 1.98<br>8/1919               | 2.38<br>8/1919                  | 2.39<br>8-9/1919            | 2.39<br>8-9/1919   |
| Jul.   | Amt.<br>Date | 1.34<br>3/1915               | 1.65<br>5/1945               | 2.62<br>5/1945               | 2.67<br>5/1945                  | 2.88<br>16-17/1911          | 3.71<br>16-17/1911 |
| Aug.   | Amt.<br>Date | 1.19<br>25/1941              | 1.57<br>25/1941              | 1.66<br>25/1941              | 1.76<br>25/1941                 | 2.70<br>6-7/1926            | 2.90<br>6-7/1926   |
| Sep.   | Amt.<br>Date | 1.63<br>13/1925              | 1.65<br>13/1925              | 1.65<br>13/1925              | 1.97<br>5-6/1911                | 2.17<br>5-6/1911            | 2.41<br>13-14/1925 |
| Oct.   | Amt.<br>Date | 0.83<br>5/1915               | 1.17<br>3/1927               | 1.53<br>3/1927               | 1.82<br>3/1927                  | 2.46<br>8-9/1950            | 2.70<br>5-6/1932   |
| Nov.   | Amt.<br>Date | 0.34<br>8/1943               | 0.51<br>8/1943               | 0.67<br>8/1943               | 1.12<br>8/1943                  | 1.37<br>8/1947              | 2.18<br>3-4/1950   |
| Dec.   | Amt.<br>Date | 0.26<br>1/1934               | 0.41 <sup>b</sup><br>24/1941 | 0.56<br>24/1941              | 0.93<br>1/1934                  | 1.48<br>30/1942             | 2.01<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.63<br>9/13/25              | 1.95<br>6/8/19               | 2.62<br>7/5/45               | 2.67<br>7/5/45                  | 2.88<br>7/16-17/11          | 3.71<br>7/16-17/11 |

<sup>a</sup>Also 13/1938. <sup>b</sup>Also 3/1939.  
February 24-hr, May 1-, 2-, and 24-hr, June 2-hr, and October 1-hr amounts are true maxima.

Station: OTEGO, NEW YORK

Drainage basin: SUSQUEHANNA

County: OTSEGO

Lat. 42° 28'N Long. 75° 12'W

Elev.(ft.) 1510

Period of record: 1940-FEBRUARY 1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                     |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.23<br>19/1943  | 0.39<br>19/1943    | 0.49<br>19/1943    | 0.64E<br>16/1945   | 0.73E<br>16/1945   | 1.04<br>6-7/1950    |
| Feb.   | Amt.<br>Date | 0.30<br>22/1945  | 0.44<br>22/1945    | 0.54<br>22/1945    | 0.79<br>22/1945    | 1.02<br>7/1941     | 1.16E<br>26-27/1946 |
| Mar.   | Amt.<br>Date | 0.67<br>17/1942  | 0.93<br>16-17/1942 | 1.10<br>16-17/1942 | 1.17<br>16-17/1942 | 1.48<br>16-17/1942 | 1.70<br>30/1940     |
| Apr.   | Amt.<br>Date | 0.24a<br>5/1947  | 0.43<br>26/1949    | 0.52<br>5/1947     | 0.69<br>4-5/1945   | 0.90<br>26-27/1945 | 1.19<br>5-6/1941    |
| May    | Amt.<br>Date | 0.60<br>29/1947  | 0.91<br>29/1947    | 1.05<br>29/1947    | 1.41<br>22/1942    | 1.76<br>20-21/1946 | 2.16<br>20-21/1946  |
| Jun.   | Amt.<br>Date | 1.58<br>28/1946  | 2.14<br>28/1946    | 2.24<br>28/1946    | 2.25<br>28/1946    | 2.28<br>28/1946    | 2.28<br>28/1946     |
| Jul.   | Amt.<br>Date | 0.80<br>1/1942   | 1.08<br>8/1946     | 1.33<br>30/1949    | 1.74<br>8/1946     | 2.09<br>30-31/1949 | 2.16<br>30-31/1949  |
| Aug.   | Amt.<br>Date | 0.86<br>13/1943  | 1.42<br>13/1943    | 1.50<br>4-5/1946   | 1.91<br>4-5/1946   | 2.18<br>28-29/1949 | 2.47<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 1.70<br>1/1945   | 2.48<br>1/1945     | 3.25<br>1-2/1945   | 4.40<br>1-2/1945   | 4.46<br>1-2/1945   | 4.51<br>1-2/1945    |
| Oct.   | Amt.<br>Date | 0.54<br>14/1944  | 0.66<br>14/1944    | 0.80<br>7/1940     | 1.30<br>7/1940     | 1.72<br>26-27/1943 | 1.98<br>1-2/1945    |
| Nov.   | Amt.<br>Date | 0.43<br>6/1948   | 0.71<br>6/1948     | 0.89<br>6/1948     | 1.33<br>6-7/1948   | 1.44<br>6-7/1948   | 1.47<br>6-7/1948    |
| Dec.   | Amt.<br>Date | 0.27<br>29/1940  | 0.39<br>29/1940    | 0.59<br>30/1942    | 0.89<br>30/1942    | 1.39<br>30/1942    | 2.37<br>29-30/1942  |
| Annual | Amt.<br>Date | 1.70<br>9/1/45   | 2.48<br>9/1/45     | 3.25<br>9/1-2/45   | 4.40<br>9/1-2/45   | 4.46<br>9/1-2/45   | 4.51<br>9/1-2/45    |

<sup>a</sup>Also 26/1949.



Station: PISECO, NEW YORK

Drainage basin: HUDSON

County: HAMILTON

Lat. 43° 27'N Long. 74° 31'W

Elev.(ft.) 1700

Period of record: 1948-1950

| Month  |              | Duration (hours) |                 |                    |                    |                    |                     |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.21<br>24/1950  | 0.40<br>24/1950 | 0.54<br>24/1950    | 0.94<br>24/1950    | 1.27<br>24/1950    | 1.46<br>24-25/1950  |
| Feb.   | Amt.<br>Date | 0.13<br>9/1950   | 0.23<br>9/1950  | 0.28<br>9/1950     | 0.52<br>9/1950     | 0.86<br>9/1950     | 1.38E<br>14-15/1950 |
| Mar.   | Amt.<br>Date | 0.46<br>8/1950   | 0.58<br>8/1950  | 0.67<br>8/1950     | 0.87<br>27/1950    | 0.95<br>8-9/1950   | 1.04<br>8-9/1950    |
| Apr.   | Amt.<br>Date | 0.13<br>3/1950   | 0.23<br>3/1950  | 0.30<br>3/1950     | 0.44<br>3/1950     | 0.60<br>3/1950     | 0.60<br>3/1950      |
| May    | Amt.<br>Date | 0.22<br>1/1950   | 0.33<br>1/1950  | 0.38<br>1/1950     | 0.53<br>1/1950     | 0.62<br>1/1950     | 0.64<br>1/1950      |
| Jun.   | Amt.<br>Date | 0.44<br>24/1950  | 0.79<br>24/1950 | 0.79<br>24/1950    | 0.81<br>24/1950    | 1.06<br>10/1950    | 1.07<br>10/1950     |
| Jul.   | Amt.<br>Date | 0.50<br>11/1950  | 0.66<br>11/1950 | 0.73<br>11/1950    | 1.22<br>11/1950    | 1.37<br>11/1950    | 1.58<br>11-12/1950  |
| Aug.   | Amt.<br>Date | 0.52<br>29/1949  | 0.99<br>29/1949 | 1.35<br>29/1949    | 2.08<br>29/1949    | 3.14<br>29/1949    | 3.27<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 0.30a<br>5/1949  | 0.50<br>11/1950 | 0.65<br>13-14/1949 | 1.11<br>13-14/1949 | 1.38<br>13-14/1949 | 1.55<br>13-14/1949  |
| Oct.   | Amt.<br>Date | 0.30<br>8/1948   | 0.57<br>8/1948  | 0.73<br>8/1948     | 1.01<br>8/1948     | 1.47<br>8/1948     | 1.62<br>8/1948      |
| Nov.   | Amt.<br>Date | 0.42<br>20/1950  | 0.79<br>20/1950 | 1.10<br>20/1950    | 1.67<br>20/1950    | 2.13<br>20/1950    | 2.20<br>20/1950     |
| Dec.   | Amt.<br>Date | 0.51<br>29/1948  | 0.88<br>29/1948 | 1.18<br>29/1948    | 1.92<br>29/1948    | 3.21<br>29/1948    | 4.12<br>29-30/1948  |
| Annual | Amt.<br>Date | 0.52<br>8/29/49  | 0.99<br>8/29/49 | 1.35<br>8/29/49    | 2.08<br>8/29/49    | 3.21<br>12/29/48   | 4.12<br>12/29-30/48 |

<sup>a</sup>Also 11/1950.



Station: PLYMOUTH, NEW YORK

Drainage basin: SUSQUEHANNA

County: CHENANGO

Lat. 42° 37'N Long. 75° 36'W

Elev.(ft.) 1250

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                    |                    |                    |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.17<br>2/1942   | 0.28<br>2/1942     | 0.33<br>1/1945     | 0.55<br>1/1945     | 0.85<br>31-1/1945  | 1.17<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.18<br>13/1948  | 0.28<br>13/1948    | 0.39<br>22/1945    | 0.69E<br>13/1948   | 1.09E<br>13/1948   | 1.44<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.39<br>8/1950   | 0.51<br>8/1950     | 0.62<br>16-17/1942 | 1.21<br>16-17/1942 | 1.63<br>16-17/1942 | 1.75<br>16-17/1942 |
| Apr.   | Amt.<br>Date | 0.63<br>26/1945  | 0.88<br>26/1945    | 1.01<br>26/1945    | 1.29<br>19-20/1950 | 1.49<br>19-20/1950 | 1.75<br>20-21/1940 |
| May    | Amt.<br>Date | 0.65<br>25/1947  | 0.89<br>25/1947    | 1.07<br>21-22/1947 | 1.25<br>10/1945    | 1.45E<br>10/1945   | 2.68<br>10-11/1945 |
| Jun.   | Amt.<br>Date | 0.91<br>1/1943   | 0.98<br>14-15/1941 | 1.14<br>3/1950     | 1.31<br>3-4/1950   | 2.60<br>25/1949    | 2.60<br>25/1949    |
| Jul.   | Amt.<br>Date | 1.19<br>13/1950  | 1.63<br>13/1950    | 1.64<br>13/1950    | 1.69<br>13/1950    | 1.77<br>20/1950    | 1.84<br>19-20/1945 |
| Aug.   | Amt.<br>Date | 0.82<br>16/1943  | 1.21<br>29/1949    | 1.71<br>29/1949    | 2.30<br>29/1949    | 3.88<br>28-29/1949 | 4.38<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 1.59<br>1/1945   | 1.79<br>1/1945     | 1.88<br>18/1945    | 2.37<br>27/1942    | 3.12<br>27/1942    | 3.96<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.70<br>10/1950  | 0.86<br>10/1950    | 1.13E<br>5/1942    | 1.65<br>5/1942     | 2.08<br>26/1943    | 2.10<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.64<br>20/1948  | 0.69<br>20/1948    | 0.92<br>8/1943     | 1.12a<br>8-9/1943  | 1.42<br>6-7/1948   | 1.58<br>8-9/1943   |
| Dec.   | Amt.<br>Date | 0.38<br>24/1941  | 0.52<br>30/1942    | 0.77<br>30/1942    | 1.06<br>30/1942    | 1.78<br>30/1942    | 2.43<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.59<br>9/1/45   | 1.79<br>9/1/45     | 1.88<br>9/18/45    | 2.37<br>9/27/42    | 3.88<br>8/28-29/49 | 4.38<br>8/28-29/49 |

\*Formerly East Pharsalia, New York and formerly Beaver Meadows, New York

<sup>a</sup>Also 6/1948.

Station: Poughkeepsie CAA Apt., New York\*

Drainage basin: HUDSON

County: DUTCHESS

Lat. 41° 38' N Long. 73° 53' W

Elev.(ft.) 154

Period of record: 1941-1950

| Month  |              | Duration (hours)             |                    |                             |                             |                    |                               |
|--------|--------------|------------------------------|--------------------|-----------------------------|-----------------------------|--------------------|-------------------------------|
|        |              | 1                            | 2                  | 3                           | 6                           | 12                 | 24                            |
| Jan.   | Amt.<br>Date | 0.25<br>19/1942              | 0.37<br>19/1942    | 0.46 <sup>E</sup><br>6/1944 | 0.84 <sup>E</sup><br>6/1944 | 1.20<br>5-6/1949   | 1.73<br>31-1/1949             |
| Feb.   | Amt.<br>Date | 0.32<br>7/1941               | 0.62<br>7/1941     | 0.86<br>7/1941              | 1.39<br>7/1941              | 1.85<br>7/1941     | 1.89<br>7/1941                |
| Mar.   | Amt.<br>Date | 0.31<br>6/1943               | 0.46<br>3/1942     | 0.60<br>3/1942              | 0.85<br>21-22/1942          | 1.09<br>21-22/1942 | 1.35 <sup>E</sup><br>2-3/1947 |
| Apr.   | Amt.<br>Date | 0.49<br>14/1949              | 0.60<br>13-14/1949 | 0.82<br>25/1945             | 1.40<br>25/1945             | 1.79<br>25/1945    | 1.93<br>24-25/1945            |
| May    | Amt.<br>Date | 0.85<br>18/1943              | 0.98<br>24/1950    | 1.15<br>18/1943             | 1.28<br>4/1947              | 1.30<br>18-19/1943 | 1.63<br>17-18/1943            |
| Jun.   | Amt.<br>Date | 0.81<br>7/1948               | 1.00<br>7/1948     | 1.16<br>14/1941             | 1.28<br>14/1941             | 1.35<br>15-16/1945 | 1.57<br>7-8/1948              |
| Jul.   | Amt.<br>Date | 1.74<br>10/1943              | 1.97<br>19/1945    | 2.23<br>19/1945             | 3.55<br>19/1945             | 3.60<br>19/1945    | 4.57<br>18-19/1945            |
| Aug.   | Amt.<br>Date | 1.10<br>13/1949              | 1.93<br>13/1949    | 1.94<br>13/1949             | 1.94<br>13/1949             | 2.16<br>24/1945    | 2.50<br>24-25/1945            |
| Sep.   | Amt.<br>Date | 0.75<br>24/1946              | 0.97<br>24/1946    | 1.37<br>24/1946             | 1.63<br>24/1946             | 1.67<br>24/1946    | 1.72<br>26-27/1942            |
| Oct.   | Amt.<br>Date | 0.42 <sup>a</sup><br>26/1943 | 0.73<br>26/1943    | 0.96<br>30/1947             | 1.41<br>30-31/1947          | 2.32<br>26-27/1943 | 3.29<br>26-27/1943            |
| Nov.   | Amt.<br>Date | 0.56 <sup>b</sup><br>8/1943  | 0.90<br>25/1942    | 1.22<br>25/1942             | 1.80<br>25/1942             | 2.09<br>25/1950    | 2.38<br>24-25/1942            |
| Dec.   | Amt.<br>Date | 0.42<br>14/1941              | 0.68<br>13-14/1941 | 0.81<br>13-14/1941          | 1.48<br>13-14/1941          | 1.79<br>13-14/1941 | 2.92<br>30-31/1948            |
| Annual | Amt.<br>Date | 1.74<br>7/10/43              | 1.97<br>7/19/45    | 2.23<br>7/19/45             | 3.55<br>7/19/45             | 3.60<br>7/19/45    | 4.57<br>7/18-19/45            |

\*Formerly New Hackensack, New York

<sup>a</sup>Also 28/1947.

<sup>b</sup>Also 13/1949.

Station: PRATTSVILLE, NEW YORK

Drainage basin: MOHAWK

County: GREENE

Lat. 42° 19'N Long. 74° 26'W

Elev.(ft.) 1165

Period of record: 1941-1950

| Month  |              | Duration (hours)             |                 |                              |                  |                    |                    |
|--------|--------------|------------------------------|-----------------|------------------------------|------------------|--------------------|--------------------|
|        |              | 1                            | 2               | 3                            | 6                | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.18 <sup>a</sup><br>31/1942 | 0.34<br>6/1949  | 0.44 <sup>b</sup><br>31/1942 | 0.70<br>6/1944   | 0.92<br>5-6/1944   | 1.28<br>6-7/1950   |
| Feb.   | Amt.<br>Date | 0.25<br>22/1945              | 0.35<br>22/1945 | 0.44<br>22/1945              | 0.62<br>9/1950   | 0.77<br>22/1945    | 1.31<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.29 <sup>c</sup><br>21/1948 | 0.47<br>3/1942  | 0.64<br>3/1942               | 1.05<br>3/1942   | 1.34<br>3/1942     | 1.60<br>3/1942     |
| Apr.   | Amt.<br>Date | 0.46<br>25/1945              | 0.66<br>25/1945 | 0.88<br>25/1945              | 1.34<br>25/1945  | 1.45<br>25/1945    | 1.45<br>25/1945    |
| May    | Amt.<br>Date | 0.50<br>29/1947              | 0.78<br>29/1947 | 0.90<br>11/1943              | 1.00<br>11/1943  | 1.43<br>5-6/1947   | 1.61<br>27-28/1946 |
| Jun.   | Amt.<br>Date | 1.50<br>28/1946              | 1.86<br>28/1946 | 1.95<br>28/1946              | 1.96<br>28/1946  | 1.96<br>28/1946    | 2.71<br>28-29/1946 |
| Jul.   | Amt.<br>Date | 0.74<br>18/1947              | 0.98<br>18/1947 | 0.99<br>18/1947              | 1.00<br>18/1947  | 1.74<br>14-15/1945 | 1.85<br>14-15/1945 |
| Aug.   | Amt.<br>Date | 0.93<br>29/1949              | 1.30<br>8/1947  | 1.31<br>8/1947               | 1.79<br>29/1949  | 2.24<br>28-29/1949 | 2.65<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.84<br>25/1945              | 1.17<br>18/1945 | 1.26<br>18/1945              | 1.62<br>18/1945  | 1.96<br>27/1942    | 2.74<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.52<br>30/1947              | 0.72<br>26/1943 | 0.85<br>26/1943              | 1.34<br>26/1943  | 2.20<br>26-27/1943 | 2.71<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.55<br>26/1946              | 0.97<br>25/1950 | 1.40<br>25/1950              | 2.40<br>25/1950  | 3.33<br>25/1950    | 3.66<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.36<br>4/1950               | 0.65<br>4/1950  | 0.91<br>4/1950               | 1.55<br>4/1950   | 1.87<br>4/1950     | 2.41<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.50<br>6/28/46              | 1.86<br>6/28/46 | 1.95<br>6/28/46              | 2.40<br>11/25/50 | 3.33<br>11/25/50   | 3.66<br>11/25/50   |

<sup>a</sup>Also 1/1945 and 6/1949.

<sup>b</sup>Also 6/1949.

<sup>c</sup>Also 8/1950.

Station: RICHFORD, NEW YORK

Drainage basin: SUSQUEHANNA

County: TIOGA

Lat. 42° 21'N Long. 76° 11'W

Elev.(ft.) 1220

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                 |                 |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|-----------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6               | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.19<br>30/1947  | 0.25<br>30/1947 | 0.42<br>30/1947 | 0.54<br>30/1947 | 0.84<br>31-1/1945  | 0.99<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.31<br>15/1945  | 0.58<br>15/1945 | 0.59<br>15/1945 | 0.59<br>15/1945 | 0.63<br>13/1948    | 0.80<br>26-27/1946 |
| Mar.   | Amt.<br>Date | 0.32<br>23/1950  | 0.50<br>25/1947 | 0.56<br>25/1947 | 0.79<br>14/1940 | 1.35<br>14-15/1940 | 1.62<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.44<br>24/1948  | 0.58<br>24/1948 | 0.65<br>26/1945 | 0.96<br>5/1947  | 1.25<br>5/1947     | 1.52<br>4-5/1947   |
| May    | Amt.<br>Date | 0.80<br>22/1942  | 1.20<br>25/1947 | 1.39<br>25/1947 | 1.54<br>25/1947 | 1.78<br>25/1947    | 2.28<br>27/1946    |
| Jun.   | Amt.<br>Date | 1.05<br>24/1950  | 1.83<br>24/1950 | 2.00<br>24/1950 | 2.18<br>24/1950 | 2.23<br>23-24/1950 | 2.25<br>23-24/1950 |
| Jul.   | Amt.<br>Date | 1.12<br>29/1940  | 1.32<br>22/1943 | 1.49<br>7/1947  | 1.87<br>7/1947  | 2.00<br>7/1947     | 2.53<br>7-8/1947   |
| Aug.   | Amt.<br>Date | 1.18<br>14/1944  | 1.20<br>14/1944 | 1.38<br>14/1944 | 1.43<br>29/1949 | 1.95<br>28-29/1949 | 2.26<br>18-19/1950 |
| Sep.   | Amt.<br>Date | 0.76<br>11/1945  | 1.00<br>9/1945  | 1.45<br>9/1945  | 1.67<br>24/1946 | 1.96<br>18/1945    | 2.41<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.65<br>16/1943  | 1.00<br>16/1943 | 1.40<br>16/1943 | 2.01<br>16/1943 | .202<br>16/1943    | 2.40<br>15-16/1943 |
| Nov.   | Amt.<br>Date | 0.50<br>25/1950  | 0.87<br>25/1950 | 1.05<br>25/1950 | 1.34<br>6/1948  | 1.64<br>8/1947     | 1.64<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.50<br>24/1941  | 0.79<br>24/1941 | 0.86<br>24/1941 | 1.01<br>24/1941 | 1.47<br>30/1942    | 2.52<br>30/1942    |
| Annual | Amt.<br>Date | 1.18<br>8/14/44  | 1.83<br>6/24/50 | 2.00<br>6/24/50 | 2.18<br>6/24/50 | 2.23<br>6/23-24/50 | 2.53<br>7/7-8/47   |

Station: RIVERHEAD, NEW YORK

Drainage basin: COASTAL

County: SUFFOLK

Lat. 40° 58'N Long. 72° 43'W

Elev.(ft.) 100

Period of record: 1945-1950

| Month  |              | Duration (hours) |                  |                  |                     |                    |                    |
|--------|--------------|------------------|------------------|------------------|---------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                | 6                   | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.28a<br>20/1947 | 0.46E<br>24/1946 | 0.64E<br>24/1946 | 1.07E<br>24/1946    | 1.53E<br>13/1948   | 1.97<br>12-13/1948 |
| Feb.   | Amt.<br>Date | 0.28<br>22/1949  | 0.48<br>22/1949  | 0.62<br>22/1949  | 0.86<br>22-23/1949  | 1.02<br>22-23/1949 | 1.51<br>15-16/1950 |
| Mar.   | Amt.<br>Date | 0.39<br>26/1946  | 0.71<br>26/1946  | 0.89<br>26/1946  | 1.20<br>26/1946     | 1.34<br>26/1946    | 1.34<br>26/1946    |
| Apr.   | Amt.<br>Date | 0.38<br>6/1949   | 0.60<br>5/1947   | 0.80<br>5/1947   | 1.22<br>1/1948      | 1.38<br>1/1948     | 1.63<br>2-3/1947   |
| May    | Amt.<br>Date | 1.20<br>24/1950  | 1.55<br>24/1950  | 1.75<br>24/1950  | 1.98<br>24/1950     | 1.98<br>24/1950    | 1.98<br>24/1950    |
| Jun.   | Amt.<br>Date | 0.40<br>20/1945  | 0.66<br>19/1948  | 0.83<br>24/1947  | 1.11<br>24-25/1947  | 2.00<br>2/1946     | 2.65<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 0.78<br>16/1950  | 0.90<br>16/1950  | 1.02<br>2/1946   | 1.40<br>16/1950     | 1.47<br>16/1950    | 1.47<br>16/1950    |
| Aug.   | Amt.<br>Date | 3.02<br>7/1946   | 4.18<br>7/1946   | 4.72<br>7/1946   | 5.63<br>7/1946      | 6.90<br>7/1946     | 6.90<br>7/1946     |
| Sep.   | Amt.<br>Date | 0.39<br>24/1946  | 0.54<br>24/1946  | 0.63<br>24/1946  | 0.73<br>24/1946     | 0.77<br>24/1946    | 0.80<br>29-30/1946 |
| Oct.   | Amt.<br>Date | 0.81<br>11/1948  | 1.07<br>29/1947  | 1.29<br>29/1947  | 1.62<br>29/1947     | 2.42<br>29/1947    | 2.43<br>29-30/1947 |
| Nov.   | Amt.<br>Date | 0.66<br>26/1950  | 1.11<br>10/1948  | 1.31<br>24/1947  | 1.89<br>12/1947     | 3.13<br>11-12/1947 | 3.40<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.41E<br>26/1947 | 0.46<br>4/1950   | 0.61<br>25/1945  | 1.01b<br>25-26/1945 | 1.39<br>20-21/1946 | 2.04<br>20-21/1946 |
| Annual | Amt.<br>Date | 3.02<br>8/7/46   | 4.18<br>8/7/46   | 4.72<br>8/7/46   | 5.63<br>8/7/46      | 6.90<br>8/7/46     | 6.90<br>8/7/46     |

<sup>a</sup>Also 26/1947.

<sup>b</sup>Also 20-21/1946.



Station: ROCHESTER WB APT, NEW YORK\*

Drainage basin: GENESEE

County: MONROE

Lat. 43° 07'N Long. 77° 40'W

Elev.(ft.) 543

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                    |                  |                  |                    |                     |
|--------|--------------|------------------|--------------------|------------------|------------------|--------------------|---------------------|
|        |              | 1                | 2                  | 3                | 6                | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.19<br>1/1948   | 0.37<br>1-2/1948   | 0.49<br>1-2/1948 | 0.63<br>20/1947  | 0.82<br>1-2/1948   | 1.04<br>3-4/1943    |
| Feb.   | Amt.<br>Date | 0.34<br>7/1942   | 0.51<br>7/1942     | 0.63<br>7/1942   | 1.05<br>7/1942   | 1.72<br>6-7/1942   | 2.43<br>13-14/1950  |
| Mar.   | Amt.<br>Date | 0.24<br>27/1950  | 0.42<br>30/1943    | 0.51<br>3/1942   | 1.01<br>3/1942   | 1.83<br>3/1942     | 2.21<br>3/1942      |
| Apr.   | Amt.<br>Date | 0.30<br>12/1944  | 0.50a<br>5/1947    | 0.64<br>16/1947  | 0.92<br>16/1947  | 1.37<br>19/1943    | 1.99<br>19-20/1943  |
| May    | Amt.<br>Date | 0.60<br>30/1942  | 0.83<br>30-31/1942 | 0.96<br>25/1943  | 1.29<br>25/1943  | 1.65<br>25/1943    | 1.74<br>25/1943     |
| Jun.   | Amt.<br>Date | 2.55<br>23/1950  | 2.56<br>23/1950    | 2.56<br>23/1950  | 2.56<br>23/1950  | 2.61<br>23-24/1950 | 2.86<br>23-24/1950  |
| Jul.   | Amt.<br>Date | 1.52<br>16/1947  | 1.83<br>16/1947    | 1.83<br>16/1947  | 2.17<br>16/1947  | 2.19<br>16/1947    | 2.94<br>16-17/1947  |
| Aug.   | Amt.<br>Date | 0.95<br>17/1944  | 1.25<br>17/1944    | 1.31<br>17/1944  | 1.40<br>17/1946  | 1.70<br>17/1946    | 1.71<br>16-17/1946  |
| Sep.   | Amt.<br>Date | 0.80<br>4/1941   | 0.80<br>4/1941     | 0.84<br>4/1941   | 1.51<br>18/1945  | 2.17<br>18/1945    | 2.43<br>17-18/1945  |
| Oct.   | Amt.<br>Date | 0.45<br>26/1943  | 0.76<br>1/1945     | 0.81<br>26/1943  | 1.07b<br>26/1943 | 1.55<br>8-9/1950   | 2.52<br>1-2/1945    |
| Nov.   | Amt.<br>Date | 0.34<br>19/1948  | 0.54<br>8/1947     | 0.64<br>8/1947   | 0.95<br>29/1945  | 1.73<br>28-29/1945 | 3.13<br>28-29/1945  |
| Dec.   | Amt.<br>Date | 0.39<br>6/1945   | 0.58<br>6/1945     | 0.71<br>8/1944   | 1.00<br>8/1944   | 1.37<br>11-12/1944 | 1.59<br>11-12/1944  |
| Annual | Amt.<br>Date | 2.55<br>6/23/50  | 2.56<br>6/23/50    | 2.56<br>6/23/50  | 2.56<br>6/23/50  | 2.61<br>6/23-24/50 | 3.13<br>11/28-29/45 |

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

<sup>a</sup>Also 20/1948.

<sup>b</sup>Also 1/1945.

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



Station: ROCHESTER WB APT, NEW YORK

Drainage basin: GENESSEE

County: MONROE

Lat. 43° 07' N Long. 77° 40' W

Elev.(ft.) 543

Period of record: 1893-1950

| Month  |              | Duration (hours) |                   |                   |                   |                    |                          |
|--------|--------------|------------------|-------------------|-------------------|-------------------|--------------------|--------------------------|
|        |              | 1                | 2                 | 3                 | 6                 | 12                 | 24                       |
| Jan.   | Amt.<br>Date | 0.27<br>18/1929  | 0.48<br>20/1900   | 0.60<br>22/1904   | 0.89<br>20/1900   | 1.11<br>20/1900    | 1.80<br>3-4/1913         |
| Feb.   | Amt.<br>Date | 0.34<br>7/1942   | 0.51<br>7/1942    | 0.63<br>7/1942    | 1.05<br>7/1942    | 1.72<br>6-7/1942   | 2.98E<br>28-1/1900       |
| Mar.   | Amt.<br>Date | 0.38<br>27/1908  | 0.59<br>12/1923   | 0.68<br>7-8/1933  | 1.01<br>3/1942    | 1.83<br>3/1942     | 2.98E<br>28-1/1900       |
| Apr.   | Amt.<br>Date | 0.66<br>4/1929   | 0.81<br>4/1929    | 0.94<br>4/1929    | 0.99<br>4/1929    | 1.37<br>19/1943    | 1.99<br>19-20/1943       |
| May    | Amt.<br>Date | 0.81<br>19/1928  | 1.03<br>16/1916   | 1.22<br>16/1916   | 1.78<br>16/1916   | 2.13<br>16/1916    | 2.95<br>16/1916          |
| Jun.   | Amt.<br>Date | 2.55<br>23/1950  | 2.56<br>23/1950   | 2.56<br>23/1950   | 2.59<br>11/1922   | 2.69<br>11/1922    | 2.86<br>23-24/1950       |
| Jul.   | Amt.<br>Date | 2.54<br>11/1897  | 2.88<br>11/1897   | 3.06<br>11/1897   | 3.37<br>11/1897   | 3.47<br>11-12/1897 | 3.57<br>11-12/1897       |
| Aug.   | Amt.<br>Date | 1.90<br>27/1911  | 2.30<br>27/1911   | 2.30<br>27/1911   | 2.91<br>11/1937   | 3.65<br>28/1893    | 4.19<br>28-29/1893       |
| Sep.   | Amt.<br>Date | 1.11<br>5/1911   | 1.59<br>1/1910    | 1.77<br>31-1/1910 | 1.99<br>31-1/1910 | 2.44<br>31-1/1910  | 2.47<br>12-13/1925       |
| Oct.   | Amt.<br>Date | 0.85<br>11/1909  | 1.04<br>11/1909   | 1.14<br>11/1909   | 1.21<br>11/1909   | 2.02<br>2-3/1929   | 2.91<br>2-3/1929         |
| Nov.   | Amt.<br>Date | 0.40<br>27/1927  | 0.54<br>8/1947    | 0.64<br>8/1947    | 0.98<br>19/1928   | 1.73<br>28-29/1945 | 3.13<br>28-29/1945       |
| Dec.   | Amt.<br>Date | 0.39<br>6/1945   | 0.58<br>6/1945    | 0.71<br>8/1944    | 1.00<br>8/1944    | 1.59<br>14/1901    | 2.20<br>14-15/1901       |
| Annual | Amt.<br>Date | 2.55<br>6/23/50  | 2.88<br>7/11/1897 | 3.06<br>7/11/1897 | 3.37<br>7/11/1897 | 3.65<br>8/28/1893  | 4.19<br>8/28-<br>29/1893 |

February, March 24-hr, April 1-, 2-, and 24-hr, May 2-, and 24-hr, July 1-, 2-, and 24-hr, August 1-, 2-, and 24-hr, September 1-, 2-, and 24-hr, October 1-, and 2-hr, November 1-, and 24-hr, and December 1-, 2-, and 24-hr, amounts are true maxima.

Station: SALAMANCA, NEW YORK

Drainage basin: ALLEGHENY

County: CATTARAUGUS

Lat. 42° 11'N Long. 78° 43'W

Elev.(ft.) 1750

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                    |                    |                    |                    |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.29<br>15/1950  | 0.38<br>15/1950 | 0.58<br>15/1950    | 0.84<br>15/1950    | 1.15<br>15/1950    | 1.26<br>15-16/1950 |
| Feb.   | Amt.<br>Date | 0.27<br>22/1944  | 0.47<br>26/1944 | 0.51<br>26/1944    | 0.71<br>13/1950    | 1.16<br>13/1950    | 1.79<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.53<br>19/1948  | 0.58<br>16/1942 | 0.92<br>19/1948    | 1.16<br>21/1948    | 1.75<br>21/1948    | 2.21<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.48<br>18/1941  | 0.60<br>18/1941 | 0.70<br>3/1940     | 1.20<br>3/1940     | 1.50<br>4-5/1947   | 1.82<br>4-5/1947   |
| May    | Amt.<br>Date | 1.09<br>18/1943  | 1.26<br>18/1943 | 1.30<br>19/1949    | 1.60<br>19/1949    | 1.85<br>19/1949    | 2.40<br>19-20/1949 |
| Jun.   | Amt.<br>Date | 1.85<br>10/1945  | 2.42<br>10/1945 | 2.46<br>10/1945    | 2.95<br>10-11/1940 | 2.95<br>10-11/1940 | 4.01<br>10-11/1940 |
| Jul.   | Amt.<br>Date | 0.94<br>17/1942  | 1.25<br>18/1942 | 1.81<br>17-18/1942 | 2.62<br>17-18/1942 | 3.81<br>17-18/1942 | 3.89<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 1.21<br>5/1944   | 1.46<br>10/1943 | 1.98<br>14-15/1945 | 2.02<br>14-15/1945 | 2.02<br>14-15/1945 | 2.02<br>14-15/1945 |
| Sep.   | Amt.<br>Date | 0.88a<br>15/1940 | 1.01<br>5/1941  | 1.17<br>4/1944     | 1.42<br>4/1944     | 1.94<br>4/1944     | 2.30<br>4/1944     |
| Oct.   | Amt.<br>Date | 0.38<br>7/1949   | 0.49<br>15/1943 | 0.63<br>14/1941    | 0.94<br>12/1946    | 1.40<br>12/1946    | 1.64<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.42<br>25/1950  | 0.58<br>25/1950 | 0.72<br>25/1950    | 1.22<br>25/1950    | 1.58<br>25/1950    | 2.34<br>24-25/1950 |
| Dec.   | Amt.<br>Date | 0.22<br>29/1940  | 0.33<br>10/1946 | 0.45<br>12/1940    | 0.69<br>11/1944    | 1.02<br>11-12/1944 | 1.29<br>11-12/1944 |
| Annual | Amt.<br>Date | 1.85<br>6/10/45  | 2.42<br>6/10/45 | 2.46<br>6/10/45    | 2.95<br>6/10-11/40 | 3.81<br>7/17-18/42 | 4.01<br>6/10-11/40 |

<sup>a</sup>Also 5/1941.

Station: SCARSDALE, NEW YORK

Drainage basin: COASTAL

County: WESTCHESTER

Lat. 40° 59'N Long. 73° 48'W

Elev.(ft.) 199

Period of record: 1944-1950

| Month  |              | Duration (hours) |                 |                              |                                 |                                 |                    |
|--------|--------------|------------------|-----------------|------------------------------|---------------------------------|---------------------------------|--------------------|
|        |              | 1                | 2               | 3                            | 6                               | 12                              | 24                 |
| Jan.   | Amt.<br>Date | 0.22<br>21/1949  | 0.42<br>21/1949 | 0.60<br>21/1949              | 0.97<br>21-22/1949              | 1.44<br>21-22/1949              | 1.78<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.50<br>13/1950  | 1.00<br>13/1950 | 1.50<br>13/1950              | 2.60<br>13/1950                 | 4.20<br>13/1950                 | 5.74<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.41<br>21/1948  | 0.80<br>13/1950 | 0.90<br>13/1950              | 1.00<br>13-14/1950              | 1.09<br>13-14/1950              | 1.58<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.81<br>1/1948   | 1.18<br>1/1948  | 1.43<br>1/1948               | 2.09<br>1/1948                  | 2.12<br>1/1948                  | 2.12<br>1/1948     |
| May    | Amt.<br>Date | 0.66<br>14/1947  | 0.98<br>17/1946 | 1.00 <sup>a</sup><br>17/1946 | 1.45 <sup>E</sup><br>26-27/1946 | 2.90 <sup>E</sup><br>26-27/1946 | 5.80<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.17<br>21/1945  | 1.32<br>21/1945 | 1.43<br>21/1945              | 1.57<br>21/1945                 | 1.57<br>21/1945                 | 2.40<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.03<br>5/1945   | 1.15<br>23/1946 | 1.45<br>23/1946              | 1.61<br>23/1946                 | 2.24<br>23/1946                 | 2.96<br>22-23/1946 |
| Aug.   | Amt.<br>Date | 1.37<br>9/1947   | 1.72<br>29/1946 | 1.82<br>29/1946              | 2.00<br>6/1945                  | 2.89<br>6/1945                  | 2.89<br>6/1945     |
| Sep.   | Amt.<br>Date | 1.40<br>14/1944  | 2.58<br>14/1944 | 3.65<br>14/1944              | 4.88<br>14/1944                 | 4.89<br>14/1944                 | 5.02<br>13-14/1944 |
| Oct.   | Amt.<br>Date | 0.72<br>19/1947  | 1.14<br>8/1948  | 1.48<br>8/1948               | 1.63<br>8/1948                  | 1.69<br>8/1948                  | 1.73<br>8/1948     |
| Nov.   | Amt.<br>Date | 0.60<br>8/1947   | 0.98<br>12/1947 | 1.26<br>12/1947              | 1.73<br>8/1947                  | 2.38<br>11-12/1947              | 2.51<br>11-12/1947 |
| Dec.   | Amt.<br>Date | 0.90<br>16/1950  | 1.50<br>16/1950 | 1.70<br>16/1950              | 2.04<br>16/1950                 | 2.72<br>26/1947                 | 2.92<br>26/1947    |
| Annual | Amt.<br>Date | 1.40<br>9/14/44  | 2.58<br>9/14/44 | 3.65<br>9/14/44              | 4.88<br>9/14/44                 | 4.89<br>9/14/44                 | 5.80<br>5/26-27/46 |

<sup>a</sup>Also 14/1947

**Station: SCHENECTADY CITY, NEW YORK**

**Drainage basin: HUDSON**

**County: SCHENECTADY**

**Lat. 42° 50'N Long. 73° 55'W**

**Elev.(ft.) 217**

**Period of record: 1943-1950**

| Month  |              | Duration (hours) |                  |                  |                              |                    |                    |
|--------|--------------|------------------|------------------|------------------|------------------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                | 6                            | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.20<br>7/1945   | 0.32<br>10/1950  | 0.47<br>10/1950  | 0.86<br>10/1950              | 1.12<br>16/1945    | 2.14<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.17<br>13/1948  | 0.34<br>13/1948  | 0.50<br>13/1948  | 0.98<br>13/1948              | 1.37<br>13-14/1948 | 1.42<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.55<br>8/1950   | 1.00<br>8/1950   | 1.15<br>8/1950   | 1.22<br>8/1950               | 1.33<br>8/1950     | 1.35<br>8-9/1950   |
| Apr.   | Amt.<br>Date | 0.47<br>25/1945  | 0.77<br>25/1945  | 0.93<br>25/1945  | 1.69<br>25/1945              | 1.97<br>25/1945    | 1.97<br>25/1945    |
| May    | Amt.<br>Date | 0.77<br>24/1949  | 0.97<br>24/1949  | 0.97<br>24/1949  | 1.12<br>24/1949              | 1.25<br>10/1945    | 1.28<br>5-6/1947   |
| Jun.   | Amt.<br>Date | 1.39<br>28/1946  | 1.40<br>28/1946  | 1.40<br>28/1946  | 1.40<br>28/1946              | 1.40<br>28/1946    | 1.52<br>19-20/1944 |
| Jul.   | Amt.<br>Date | 1.51<br>29/1944  | 1.98<br>13/1948  | 1.99<br>13/1948  | 2.23<br>13/1948              | 2.23<br>13/1948    | 2.68<br>12-13/1948 |
| Aug.   | Amt.<br>Date | 1.05<br>12/1949  | 1.88<br>12/1949  | 1.88<br>12/1949  | 1.88 <sup>b</sup><br>12/1949 | 2.36<br>28-29/1949 | 3.70<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.69<br>14/1944  | 1.00<br>14/1944  | 1.12<br>2/1945   | 1.83<br>1-2/1945             | 1.84<br>1-2/1945   | 2.43<br>31-1/1950  |
| Oct.   | Amt.<br>Date | 0.46<br>12/1946  | 0.71<br>2/1945   | 0.77<br>27/1943  | 1.10<br>26-27/1943           | 2.11<br>26-27/1943 | 2.74<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.40<br>8/1947   | 0.61<br>6-7/1948 | 0.86<br>6-7/1948 | 1.36<br>6-7/1948             | 1.56<br>6-7/1948   | 1.60<br>8-9/1943   |
| Dec.   | Amt.<br>Date | 0.26<br>4/1950   | 0.42<br>31/1948  | 0.59<br>31/1948  | 1.10<br>31/1948              | 2.07<br>31/1948    | 3.39<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.51<br>7/29/44  | 1.98<br>7/13/48  | 1.99<br>7/13/48  | 2.23<br>7/13/48              | 2.36<br>8/28-29/49 | 3.70<br>8/28-29/49 |

<sup>a</sup>Also 7/1929.

<sup>b</sup>Also 29/1949.

**Station: SCHUYLERVILLE, NEW YORK**

**Drainage basin: HUDSON**

**County: SARATOGA**

**Lat. 43° 06'N Long. 73° 35'W**

**Elev.(ft.) 115**

**Period of record: 1941-1950**

| Month  |              | Duration (hours)            |                              |                    |                                |                                |                     |
|--------|--------------|-----------------------------|------------------------------|--------------------|--------------------------------|--------------------------------|---------------------|
|        |              | 1                           | 2                            | 3                  | 6                              | 12                             | 24                  |
| Jan.   | Amt.<br>Date | 0.19 <sup>E</sup><br>6/1944 | 0.35<br>19/1943              | 0.45<br>19/1943    | 0.72 <sup>E</sup><br>31-1/1949 | 1.43 <sup>E</sup><br>31-1/1949 | 2.85<br>31-1/1949   |
| Feb.   | Amt.<br>Date | 0.32<br>22/1945             | 0.43<br>22/1945              | 0.54<br>22/1945    | 0.84<br>13-14/1948             | 1.34<br>21-22/1945             | 1.58<br>21-22/1945  |
| Mar.   | Amt.<br>Date | 0.40<br>27/1948             | 0.66<br>27/1950              | 0.83<br>27/1950    | 0.99<br>21-22/1942             | 1.41<br>21-22/1942             | 1.56<br>21-22/1942  |
| Apr.   | Amt.<br>Date | 0.52<br>12/1947             | 0.75<br>12/1947              | 0.91<br>25/1945    | 1.41<br>25/1945                | 1.90<br>25/1945                | 2.02<br>24-25/1945  |
| May    | Amt.<br>Date | 0.96<br>22/1944             | 1.10<br>22/1944              | 1.22<br>22/1944    | 1.41<br>22/1944                | 1.46<br>22/1944                | 1.71<br>5-6/1947    |
| Jun.   | Amt.<br>Date | 1.33<br>25/1949             | 1.40<br>25/1949              | 1.46<br>25/1949    | 1.49<br>25/1949                | 1.50<br>25/1949                | 1.67<br>23-24/1944  |
| Jul.   | Amt.<br>Date | 0.97<br>11/1944             | 0.99<br>11/1944              | 1.11<br>11/1944    | 1.29<br>11/1944                | 1.32<br>11-12/1944             | 1.71<br>14-15/1945  |
| Aug.   | Amt.<br>Date | 1.30<br>4/1949              | 1.40<br>4/1949               | 1.41<br>4/1949     | 1.41<br>4/1949                 | 1.55<br>31-1/1950              | 2.62<br>31-1/1950   |
| Sep.   | Amt.<br>Date | 1.06<br>9/1948              | 1.17<br>9/1948               | 1.27<br>18-19/1945 | 1.90<br>1-2/1945               | 2.51<br>1-2/1945               | 2.62<br>31-1/1950   |
| Oct.   | Amt.<br>Date | 0.36<br>14/1944             | 0.49<br>26/1942              | 0.70<br>26/1942    | 1.24<br>26/1942                | 1.78<br>26/1942                | 2.05<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.43<br>6/1948              | 0.85<br>6/1948               | 1.05<br>6-7/1948   | 1.75<br>6-7/1948               | 1.93<br>6-7/1948               | 2.46<br>8-9/1943    |
| Dec.   | Amt.<br>Date | 0.31<br>31/1948             | 0.61<br>31/1948              | 0.81<br>31/1948    | 1.45<br>30-31/1948             | 2.50<br>30-31/1948             | 4.05<br>30-31/1948  |
| Annual | Amt.<br>Date | 1.33<br>6/25/49             | 1.40 <sup>a</sup><br>6/25/49 | 1.46<br>6/25/49    | 1.90<br>9/1-2/45               | 2.51<br>9/1-2/45               | 4.05<br>12/30-31/48 |

<sup>a</sup>Also 8/4/1949

Station: SMITHVILLE FLATS, NEW YORK

Drainage basin: SUSQUEHANNA

County: CHENANGO

Lat. 42° 24'N Long. 75° 48'W

Elev.(ft.) 1040

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                    |                    |                     |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|---------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.20<br>2/1947   | 0.30<br>2/1947     | 0.40<br>2/1947     | 0.51<br>2/1947     | 0.81<br>31-1/1945   | 1.25<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.30<br>23/1944  | 0.42<br>15/1945    | 0.45<br>15/1945    | 0.60<br>22/1945    | 0.72<br>22/1945     | 1.30<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.50<br>16/1942  | 0.80<br>16-17/1942 | 1.05<br>16-17/1942 | 1.10<br>16-17/1942 | 1.43<br>16-17/1942  | 1.70<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.45<br>26/1945  | 0.60a<br>26/1945   | 0.95<br>26/1945    | 1.26<br>19-20/1950 | 1.40a<br>26-27/1945 | 1.50<br>19-20/1950 |
| May    | Amt.<br>Date | 0.75<br>29/1947  | 1.18<br>29/1947    | 1.33<br>29/1947    | 1.38<br>29/1947    | 2.07<br>17-18/1945  | 2.19E<br>7-8/1944  |
| Jun.   | Amt.<br>Date | 1.12<br>1/1943   | 1.16<br>1/1943     | 1.20<br>1/1943     | 1.26<br>28/1943    | 1.66<br>1/1943      | 1.72<br>1/1943     |
| Jul.   | Amt.<br>Date | 1.02<br>7/1941   | 1.02<br>7/1941     | 1.04<br>3/1940     | 1.25<br>10-11/1942 | 1.37b<br>10-11/1942 | 1.45<br>20-21/1946 |
| Aug.   | Amt.<br>Date | 1.01<br>9/1947   | 1.10c<br>9/1947    | 1.50<br>29/1949    | 2.02<br>29/1949    | 2.57<br>28-29/1949  | 2.75<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.81<br>27/1942  | 1.51<br>27/1942    | 1.95<br>27/1942    | 2.52<br>27/1942    | 3.29<br>27/1942     | 3.72<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.58<br>12/1946  | 0.88<br>12/1946    | 1.05<br>12/1946    | 1.40<br>26/1943    | 2.00<br>26/1943     | 2.10<br>26/1943    |
| Nov.   | Amt.<br>Date | 0.58a<br>6/1948  | 1.01<br>25/1950    | 1.07<br>25/1950    | 1.52<br>6/1948     | 1.86<br>6-7/1948    | 1.86<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.40<br>2/1942   | 0.61<br>30/1942    | 0.84<br>30/1942    | 1.20<br>30/1942    | 2.01<br>30/1942     | 2.92<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.12<br>6/1/43   | 1.51<br>9/27/42    | 1.95<br>9/27/42    | 2.52<br>9/27/42    | 3.29<br>9/27/42     | 3.72<br>9/26-27/42 |

<sup>a</sup>Also 19-20/1950.

<sup>b</sup>Also 1-2/1946.

<sup>c</sup>Also 29/1949.

<sup>d</sup>Also 25/1950.



Station: SOUTH NEW BERLIN, NEW YORK

Drainage basin: SUSQUEHANNA

County: CHENANGO

Lat. 42° 32'N Long. 75° 26'W

Elev.(ft.) 1410

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                    |                  |                     |                    |
|--------|--------------|------------------|--------------------|--------------------|------------------|---------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.18<br>16/1945  | 0.30<br>16/1945    | 0.46<br>16/1945    | 0.72<br>16/1945  | 1.02<br>16/1945     | 1.35<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.30<br>22/1945  | 0.42<br>22/1945    | 0.50<br>22/1945    | 0.73<br>27/1946  | 1.05<br>7/1941      | 1.13<br>26-27/1946 |
| Mar.   | Amt.<br>Date | 0.58<br>17/1942  | 0.84<br>16-17/1942 | 0.96<br>16-17/1942 | 1.22<br>14/1940  | 1.71<br>14-15/1940  | 2.07<br>30/1940    |
| Apr.   | Amt.<br>Date | 0.48<br>21/1940  | 0.70<br>21/1940    | 0.81<br>21/1940    | 1.03<br>21/1940  | 1.27<br>26-27/1945  | 1.36<br>20-21/1940 |
| May    | Amt.<br>Date | 0.80<br>29/1947  | 1.00<br>29/1947    | 1.15<br>29/1947    | 1.22<br>22/1942  | 1.91E<br>22-23/1942 | 2.15<br>22-23/1942 |
| Jun.   | Amt.<br>Date | 1.00<br>15/1945  | 1.57<br>2-3/1947   | 1.73<br>2-3/1947   | 1.92<br>2-3/1947 | 2.30<br>2-3/1947    | 2.31<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.04<br>7/1941   | 1.28<br>1/1946     | 1.42<br>1/1946     | 1.51<br>7/1947   | 2.00<br>21-22/1947  | 2.45<br>7-8/1947   |
| Aug.   | Amt.<br>Date | 0.46<br>28/1943  | 0.62<br>28/1943    | 0.79<br>4-5/1946   | 1.12<br>5/1948   | 1.59<br>5-6/1948    | 2.78<br>31/1940    |
| Sep.   | Amt.<br>Date | 0.74<br>28/1942  | 0.80<br>28/1942    | 0.97<br>24-25/1940 | 1.60<br>29/1946  | 1.92<br>29-30/1946  | 2.67E<br>31-1/1940 |
| Oct.   | Amt.<br>Date | 0.74<br>16/1943  | 0.95<br>16/1943    | 0.98<br>16/1943    | 1.16<br>7/1940   | 1.23<br>7-8/1940    | 1.44<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.44<br>6/1948   | 0.60<br>6/1948     | 0.76<br>6/1948     | 1.18<br>6/1948   | 1.23<br>6-7/1948    | 1.24<br>6-7/1948   |
| Dec.   | Amt.<br>Date | 0.22a<br>2/1942  | 0.36<br>2/1942     | 0.54<br>2/1942     | 0.81<br>2/1942   | 1.20E<br>30/1942    | 2.40<br>30/1942    |
| Annual | Amt.<br>Date | 1.04<br>7/7/41   | 1.57<br>6/2-3/47   | 1.73<br>6/2-3/47   | 1.92<br>6/2-3/47 | 2.30<br>6/2-3/47    | 2.78<br>8/31/40    |

<sup>a</sup>Also 4/1950.

Station: SPARKILL, NEW YORK

Drainage basin: HUDSON

County: ROCKLAND

Lat. 41° 02'N Long. 73° 56'W

Elev.(ft.) 59

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                    |                     |                     |                    |
|--------|--------------|------------------|-----------------|--------------------|---------------------|---------------------|--------------------|
|        |              | 1                | 2               | 3                  | 6                   | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.35<br>31/1942  | 0.61<br>18/1943 | 0.69<br>31/1942    | 1.00E<br>16-17/1941 | 1.44E<br>16-17/1941 | 2.15<br>14-15/1940 |
| Feb.   | Amt.<br>Date | 0.38<br>7/1941   | 0.64<br>7/1941  | 0.89<br>7/1941     | 1.59<br>7/1941      | 2.29<br>7/1941      | 2.37<br>7/1941     |
| Mar.   | Amt.<br>Date | 0.68<br>27/1948  | 1.11<br>27/1948 | 1.23<br>27/1948    | 1.45<br>3/1942      | 1.89<br>21-22/1942  | 2.04<br>21-22/1942 |
| Apr.   | Amt.<br>Date | 0.76<br>8/1940   | 1.38<br>8/1940  | 1.68<br>8/1940     | 2.16<br>8/1940      | 2.41<br>8/1940      | 2.50<br>8-9/1940   |
| May    | Amt.<br>Date | 0.92<br>27/1944  | 1.04<br>23/1941 | 1.05<br>23/1941    | 1.83<br>31/1940     | 2.52<br>27/1946     | 2.78<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 0.91<br>29/1941  | 0.92<br>29/1941 | 0.93<br>7/1942     | 1.26<br>8/1947      | 1.95<br>2/1946      | 2.49<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 2.30<br>20/1943  | 2.69<br>20/1943 | 2.96<br>20/1943    | 2.99<br>20-21/1943  | 3.02<br>20-21/1943  | 3.45<br>22-23/1946 |
| Aug.   | Amt.<br>Date | 1.47<br>16/1942  | 2.32<br>16/1942 | 2.42<br>16/1942    | 2.91<br>13/1946     | 3.70a<br>9/1942     | 3.84<br>13-14/1946 |
| Sep.   | Amt.<br>Date | 1.14<br>14/1944  | 2.09<br>14/1944 | 2.81<br>14/1944    | 3.75<br>14/1944     | 3.81<br>14/1944     | 3.92<br>14-15/1944 |
| Oct.   | Amt.<br>Date | 0.46<br>26/1943  | 0.70<br>26/1943 | 0.97<br>26-27/1943 | 1.37<br>15/1943     | 2.35<br>15/1943     | 3.05<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.84<br>4/1950   | 1.62<br>8/1947  | 1.91<br>8/1947     | 2.62<br>8/1947      | 2.99<br>8/1947      | 2.99<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.47<br>13/1941  | 0.85<br>13/1941 | 1.08<br>13/1941    | 2.04<br>13/1941     | 2.73<br>13/1941     | 2.95<br>13-14/1941 |
| Annual | Amt.<br>Date | 2.30<br>7/20/43  | 2.69<br>7/20/43 | 2.96<br>7/20/43    | 3.75<br>9/14/44     | 3.81<br>9/14/44     | 3.92<br>9/14-15/44 |

<sup>a</sup>Also 13/1946

Station: SPRING VALLEY, NEW YORK

Drainage basin: HUDSON

County: ROCKLAND

Lat. 41° 07' N Long. 74° 03' W

Elev.(ft.) 454

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.63<br>14/1940  | 1.23<br>14/1940 | 1.74<br>14/1940 | 2.55<br>14/1940    | 3.25<br>14-15/1940 | 3.29<br>14-15/1940 |
| Feb.   | Amt.<br>Date | 0.35<br>7/1941   | 0.67<br>7/1941  | 0.96<br>7/1941  | 1.55<br>7/1941     | 2.21<br>7/1941     | 2.26<br>7/1941     |
| Mar.   | Amt.<br>Date | 0.64<br>6/1943   | 0.98<br>6/1943  | 1.19<br>6/1943  | 1.53<br>14-15/1940 | 2.33<br>14-15/1940 | 2.38<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.66<br>24/1944  | 1.15<br>8/1940  | 1.57<br>8/1940  | 2.20<br>8/1940     | 2.57<br>8/1940     | 2.66<br>8/1940     |
| May    | Amt.<br>Date | 0.67<br>31/1940  | 1.21<br>31/1940 | 1.59<br>31/1940 | 2.58<br>31/1940    | 3.01<br>31/1940    | 3.11<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.41<br>21/1945  | 1.65<br>21/1945 | 1.69<br>21/1945 | 1.70<br>21/1945    | 1.72<br>2/1946     | 2.19<br>19-20/1944 |
| Jul.   | Amt.<br>Date | 1.42<br>13/1948  | 2.01<br>23/1945 | 2.77<br>23/1945 | 3.71<br>22-23/1945 | 4.24<br>22-23/1945 | 4.76<br>22-23/1946 |
| Aug.   | Amt.<br>Date | 1.36<br>9/1947   | 1.56<br>16/1942 | 1.75<br>16/1942 | 3.34<br>16/1942    | 3.45<br>16/1942    | 3.54<br>16-17/1942 |
| Sep.   | Amt.<br>Date | 1.18<br>10/1945  | 1.52<br>10/1945 | 1.77<br>10/1945 | 2.23<br>24/1946    | 2.42<br>24/1946    | 2.51<br>14/1944    |
| Oct.   | Amt.<br>Date | 0.54<br>27/1941  | 1.01<br>26/1943 | 1.14<br>26/1943 | 1.90<br>26/1943    | 3.22<br>26-27/1943 | 4.21<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 1.00<br>8/1947   | 1.75<br>8/1947  | 2.07<br>8/1947  | 2.86<br>8/1947     | 3.21<br>8/1947     | 3.21<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.49<br>25/1945  | 0.90<br>25/1945 | 1.14<br>25/1945 | 1.67<br>25/1945    | 2.20<br>13/1941    | 3.01<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.42<br>7/13/48  | 2.01<br>7/23/45 | 2.77<br>7/23/45 | 3.71<br>7/22-23/45 | 4.24<br>7/22-23/45 | 4.76<br>7/22-23/46 |

Station: STILLWATER RESERVOIR, NEW YORK

Drainage basin: BLACK

County: HERKIMER

Lat. 43° 53'N Long. 75° 02'W

Elev.(ft.) 1670

Period of record: 1940-1950

| Month  |              | Duration (hours)             |                              |                              |                              |                               |                    |
|--------|--------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------------|
|        |              | 1                            | 2                            | 3                            | 6                            | 12                            | 24                 |
| Jan.   | Amt.<br>Date | 0.25<br>30/1947              | 0.38<br>30/1947              | 0.52<br>30/1947              | 0.92<br>30/1947              | 1.47<br>30-31/1947            | 1.71<br>30-31/1947 |
| Feb.   | Amt.<br>Date | 0.27<br>14/1944              | 0.46<br>14-15/1944           | 0.63<br>14-15/1944           | 0.86<br>14-15/1944           | 1.20<br>14-15/1944            | 1.40<br>14-15/1944 |
| Mar.   | Amt.<br>Date | 0.31<br>31/1945              | 0.45<br>6/1945               | 0.57<br>8-9/1946             | 0.85<br>8-9/1946             | 1.20 <sup>a</sup><br>8-9/1946 | 1.78<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.37<br>28/1945              | 0.61<br>20/1948              | 0.68<br>20/1948              | 0.85<br>19-20/1950           | 1.20<br>9-10/1944             | 1.54<br>6-7/1949   |
| May    | Amt.<br>Date | 0.55<br>16/1942              | 0.72 <sup>b</sup><br>22/1945 | 0.82<br>21/1947              | 1.33<br>21-22/1947           | 1.57<br>21-22/1947            | 1.66<br>21-22/1947 |
| Jun.   | Amt.<br>Date | 0.81<br>14/1943              | 0.81<br>14/1943              | 0.81<br>14/1943              | 1.41 <sup>E</sup><br>29/1949 | 1.65<br>29/1949               | 1.71<br>2/1947     |
| Jul.   | Amt.<br>Date | 1.15<br>7/1947               | 1.63<br>7/1947               | 1.91<br>7/1947               | 2.18<br>7/1947               | 2.96<br>28/1941               | 3.67<br>27-28/1941 |
| Aug.   | Amt.<br>Date | 1.03<br>16/1941              | 1.56<br>31/1941              | 1.97<br>31/1941              | 2.23<br>31/1941              | 2.52<br>31/1941               | 2.54<br>31/1941    |
| Sep.   | Amt.<br>Date | 0.86<br>21/1944              | 1.10<br>27/1942              | 1.30<br>27/1942              | 1.74<br>27/1942              | 2.59<br>26-27/1942            | 3.03<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.48<br>7/1940               | 0.64<br>27/1943              | 0.93<br>27/1943              | 1.42<br>26-27/1943           | 2.01<br>1-2/1945              | 3.29<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.41<br>12/1940              | 0.57<br>20/1948              | 0.66<br>4/1950               | 1.11<br>4/1950               | 1.54<br>4/1950                | 2.51<br>3-4/1950   |
| Dec.   | Amt.<br>Date | 0.41 <sup>E</sup><br>30/1942 | 0.57 <sup>E</sup><br>30/1942 | 0.70 <sup>E</sup><br>30/1942 | 1.09 <sup>E</sup><br>30/1942 | 1.70 <sup>E</sup><br>30/1942  | 2.45<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.15<br>7/7/47               | 1.63<br>7/7/47               | 1.97<br>8/31/41              | 2.23<br>8/31/41              | 2.96<br>7/28/41               | 3.67<br>7/27-28/41 |

<sup>a</sup>Also 2-3/1947.

<sup>b</sup>Also 21/1947.

Station: SYRACUSE WB APT, NEW YORK

Drainage basin: OSWEGO

County: ONONDAGA

Lat. 43° 07'N Long. 76° 07'W

Elev.(ft.) 419

Period of record: 1902-1950

| Month  |              | Duration (hours) |                 |                   |                     |                     |                    |
|--------|--------------|------------------|-----------------|-------------------|---------------------|---------------------|--------------------|
|        |              | 1                | 2               | 3                 | 6                   | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.21<br>30/1947  | 0.36<br>30/1947 | 0.51<br>30/1947   | 0.92E<br>29-30/1925 | 1.84E<br>29-30/1925 | 3.67<br>29-30/1925 |
| Feb.   | Amt.<br>Date | 0.18<br>13/1948  | 0.26<br>7/1941  | 0.38<br>7/1941    | 0.70<br>7/1941      | 1.18E<br>19-20/1940 | 2.35<br>19-20/1940 |
| Mar.   | Amt.<br>Date | 0.71<br>27/1950  | 0.93<br>27/1950 | 1.18<br>27/1950   | 1.29<br>27/1950     | 1.33<br>26-27/1950  | 1.97<br>24-25/1913 |
| Apr.   | Amt.<br>Date | 0.64<br>20/1948  | 1.09E<br>6/1929 | 1.64E<br>5-6/1929 | 2.46E<br>5-6/1929   | 2.91<br>5-6/1929    | 2.91<br>5-6/1929   |
| May    | Amt.<br>Date | 1.61<br>29/1938  | 1.96<br>29/1938 | 2.00<br>29/1938   | 2.01<br>29/1938     | 2.01<br>29/1938     | 2.24<br>3-4/1922   |
| Jun.   | Amt.<br>Date | 2.65<br>11/1922  | 4.04<br>17/1922 | 4.57<br>17/1922   | 4.62<br>17/1922     | 4.79<br>11/1922     | 4.79<br>11/1922    |
| Jul.   | Amt.<br>Date | 1.49<br>22/1925  | 2.48<br>2/1915  | 2.60<br>2/1915    | 3.16<br>22/1928     | 3.21<br>22/1928     | 3.22<br>22-23/1928 |
| Aug.   | Amt.<br>Date | 2.49<br>13/1943  | 3.17<br>13/1943 | 3.17<br>13/1943   | 3.17<br>13/1943     | 3.26<br>13/1943     | 3.26<br>13/1943    |
| Sep.   | Amt.<br>Date | 1.04<br>6/1910   | 1.50<br>10/1950 | 1.85<br>9/1929    | 2.40<br>9/1929      | 2.42<br>9/1929      | 2.83<br>29-30/1924 |
| Oct.   | Amt.<br>Date | 0.82<br>8/1903   | 1.12<br>8/1903  | 1.31<br>8/1903    | 1.64<br>24/1923     | 2.44<br>23/1937     | 2.92<br>5-6/1932   |
| Nov.   | Amt.<br>Date | 0.49<br>6/1948   | 0.72<br>6/1948  | 0.79<br>6/1948    | 1.31<br>6/1948      | 1.57<br>6/1948      | 2.07<br>30/1944    |
| Dec.   | Amt.<br>Date | 0.47<br>30/1942  | 0.74<br>30/1942 | 0.91<br>30/1942   | 1.27<br>30/1942     | 1.87<br>29-30/1942  | 2.44<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.65<br>6/11/22  | 4.04<br>6/17/22 | 4.57<br>6/17/22   | 4.62<br>6/17/22     | 4.79<br>6/11/22     | 4.79<br>6/11/22    |

All 1-, 2-, and 24-hr amounts are true maxima except January through March 1-, and 2-hr and September 2-hr.



Station: SYRACUSE WB APT, NEW YORK\*

Drainage basin: OSWEGO

County: ONONDAGA

Lat. 43° 07'N Long. 76° 07'W

Elev.(ft.) 419

Period of record: 1940-1950 ONLY

| Month  |              | Duration (hours) |                  |                  |                    |                     |                    |
|--------|--------------|------------------|------------------|------------------|--------------------|---------------------|--------------------|
|        |              | 1                | 2                | 3                | 6                  | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.21<br>3-/1947  | 0.36<br>30/1947  | 0.51<br>30/1947  | 0.91<br>30/1947    | 0.97<br>30/1947     | 1.29<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.18<br>13/1948  | 0.26<br>7/1941   | 0.38<br>7/1941   | 0.70<br>7/1941     | 1.18E<br>19-20/1940 | 2.35<br>19-20/1940 |
| Mar.   | Amt.<br>Date | 0.71<br>27/1950  | 0.93<br>27/1950  | 1.18<br>27/1950  | 1.29<br>27/1950    | 1.33<br>26-27/1950  | 1.82<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.64<br>20/1948  | 0.69<br>20/1948  | 0.74<br>20/1948  | 0.75<br>20/1948    | 0.95<br>19/1943     | 1.43<br>19-20/1943 |
| May    | Amt.<br>Date | 0.70<br>28/1941  | 0.81<br>28/1941  | 0.88a<br>26/1940 | 1.28<br>21-22/1947 | 1.40<br>21-22/1947  | 1.55<br>28-29/1941 |
| Jun.   | Amt.<br>Date | 1.08<br>16/1944  | 1.08<br>16/1944  | 1.13<br>2/1943   | 1.20<br>2/1943     | 1.65<br>2-3/1947    | 1.79<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.40<br>7/1941   | 1.42<br>7/1941   | 1.43<br>7/1941   | 1.43<br>7/1941     | 1.43<br>7/1941      | 1.43<br>7/1941     |
| Aug.   | Amt.<br>Date | 2.49<br>13/1943  | 3.17<br>13/1943  | 3.17<br>13/1943  | 3.17<br>13/1943    | 3.26<br>13/1943     | 3.26<br>13/1943    |
| Sep.   | Amt.<br>Date | 0.90<br>10/1950  | 1.50<br>10/1950  | 1.68<br>10/1950  | 2.08<br>10/1950    | 2.20<br>10/1950     | 2.31<br>18-19/1945 |
| Oct.   | Amt.<br>Date | 0.68<br>10/1950  | 0.81b<br>26/1943 | 1.03<br>26/1943  | 1.56<br>12/1946    | 1.69<br>12/1946     | 2.50<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.49<br>6/1948   | 0.72<br>6/1948   | 0.79<br>6/1948   | 1.31<br>6/1948     | 1.57<br>6/1948      | 2.07<br>30/1944    |
| Dec.   | Amt.<br>Date | 0.47<br>30/1942  | 0.74<br>30/1942  | 0.91<br>30/1942  | 1.27<br>30/1942    | 1.87<br>29-30/1942  | 2.44<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.49<br>8/13/43  | 3.17<br>8/13/43  | 3.17<br>8/13/43  | 3.17<br>8/13/43    | 3.26<br>8/13/43     | 3.26<br>8/13/43    |

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

aAlso 28/1941. bAlso 10/1950.

February 24-hr, Apr. 1-, and 2-hr, August 1-, 2-, and 24-hr, November 1-, 2-, and 24-hr, and December 1-, 2-, and 24-hr amounts are true maxima.



Station: **THEURSTON, NEW YORK**

Drainage basin: **SUSQUEHANNA**

County: **STURDEN**

Lat. 42° 12'N Long. 77° 20'W

Elev.(ft.) 1620

Period of record: 1940-1950 (BREAKS)

| Month  |              | Duration (hours) |                             |                              |                             |                             |                               |
|--------|--------------|------------------|-----------------------------|------------------------------|-----------------------------|-----------------------------|-------------------------------|
|        |              | 1                | 2                           | 3                            | 6                           | 12                          | 24                            |
| Jan.   | Amt.<br>Date | 0.22<br>30/1947  | 0.34<br>30/1947             | 0.44 <sup>a</sup><br>14/1940 | 0.75<br>14/1940             | 0.90<br>14/1940             | 0.94<br>14-15/1940            |
| Feb.   | Amt.<br>Date | 0.64<br>13/1945  | 0.72<br>13/1945             | 0.82<br>13/1945              | 0.92<br>13/1945             | 1.19<br>13-14/1940          | 1.31<br>13-14/1940            |
| Mar.   | Amt.<br>Date | 0.26<br>19/1948  | 0.43 <sup>E</sup><br>2/1947 | 0.49 <sup>E</sup><br>2/1947  | 0.74 <sup>E</sup><br>2/1947 | 0.92 <sup>E</sup><br>2/1947 | 1.27 <sup>E</sup><br>2-3/1947 |
| Apr.   | Amt.<br>Date | 0.52<br>27/1943  | 0.64<br>27/1943             | 0.68<br>27/1943              | 1.06<br>5/1947              | 1.39<br>5/1947              | 1.60<br>4-5/1947              |
| May    | Amt.<br>Date | 0.70<br>6/1944   | 0.82<br>21/1947             | 1.05<br>27/1946              | 1.60<br>27/1946             | 2.56<br>27/1946             | 4.14<br>27-28/1946            |
| Jun.   | Amt.<br>Date | 0.83<br>11/1940  | 1.00<br>23/1940             | 1.40<br>23/1940              | 1.95<br>23-24/1940          | 2.06<br>23-24/1940          | 2.60<br>2-3/1947              |
| Jul.   | Amt.<br>Date | 1.56<br>23/1940  | 2.10<br>23/1940             | 2.41<br>23/1940              | 2.41<br>23/1940             | 2.44<br>23/1940             | 2.44<br>23/1940               |
| Aug.   | Amt.<br>Date | 0.63<br>1/1941   | 0.82<br>28/1940             | 1.19<br>28/1940              | 2.06<br>28/1940             | 2.18<br>28/1940             | 2.63<br>27-28/1940            |
| Sep.   | Amt.<br>Date | 0.42<br>1/1950   | 0.69<br>1/1950              | 0.89<br>1/1950               | 1.41<br>1/1950              | 2.13<br>1/1950              | 2.21<br>31-1/1950             |
| Oct.   | Amt.<br>Date | 0.38<br>17/1948  | 0.61<br>15/1943             | 0.81<br>15/1943              | 1.03<br>8/1950              | 1.64<br>8/1950              | 2.02<br>8/1950                |
| Nov.   | Amt.<br>Date | 0.47<br>8/1943   | 0.69<br>8/1943              | 0.88<br>8/1943               | 1.06<br>8/1943              | 1.24<br>8/1943              | 1.56<br>4-5/1950              |
| Dec.   | Amt.<br>Date | 0.36<br>24/1941  | 0.53<br>24/1941             | 0.67<br>24/1941              | 1.07<br>24/1941             | 1.16<br>24/1941             | 1.32<br>23-24/1941            |
| Annual | Amt.<br>Date | 1.56<br>7/23/40  | 2.10<br>7/23/40             | 2.41<br>7/23/40              | 2.41<br>7/23/40             | 2.56<br>5/27/46             | 4.14<br>5/27-28/46            |

<sup>a</sup>Also 30/1947.

Station: TICONDEROGA, NEW YORK

Drainage basin: LAKE CHAMPLAIN

County: ESSEX

Lat. 43° 53'N Long. 73° 24'W

Elev.(ft.) 206

Period of record: 1940-1948

| Month  |              | Duration (hours) |                  |                    |                    |                    |                    |
|--------|--------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.28<br>2/1942   | 0.46<br>2/1942   | 0.66<br>2/1942     | 0.98<br>2/1948     | 1.45<br>2/1948     | 1.61<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.25<br>7/1941   | 0.44<br>7/1941   | 0.58a<br>7-8/1941  | 0.82a<br>7-8/1941  | 1.05<br>7-8/1941   | 1.25<br>7-8/1941   |
| Mar.   | Amt.<br>Date | 0.30<br>3/1947   | 0.49<br>3/1947   | 0.61<br>3/1947     | 0.79<br>3/1947     | 1.05<br>21-22/1942 | 1.12<br>21-22/1942 |
| Apr.   | Amt.<br>Date | 0.29<br>4/1945   | 0.46<br>4-5/1945 | 0.58<br>4-5/1945   | 0.97<br>25/1945    | 1.26<br>9-10/1944  | 1.27<br>9-10/1944  |
| May    | Amt.<br>Date | 1.07<br>29/1947  | 1.23<br>29/1947  | 1.27<br>29/1947    | 1.27<br>29/1947    | 1.27<br>29/1947    | 1.56<br>17-18/1945 |
| Jun.   | Amt.<br>Date | 0.76<br>26/1943  | 1.20<br>26/1943  | 1.20<br>26/1943    | 1.69<br>3/1947     | 2.41<br>2-3/1947   | 2.76<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 0.95<br>22/1940  | 1.27<br>12/1944  | 1.35<br>29/1940    | 1.81<br>29/1940    | 2.96<br>29-30/1940 | 3.29<br>29-30/1940 |
| Aug.   | Amt.<br>Date | 0.68<br>31/1947  | 1.11<br>12/1948  | 1.36<br>12/1948    | 2.20<br>12/1948    | 2.27<br>12/1948    | 2.28<br>12-13/1948 |
| Sep.   | Amt.<br>Date | 0.98<br>27/1942  | 1.38<br>27/1942  | 1.83<br>18-19/1945 | 2.96<br>18-19/1945 | 3.04<br>18-19/1945 | 3.20<br>27/1942    |
| Oct.   | Amt.<br>Date | 0.34<br>30/1947  | 0.54b<br>27/1943 | 0.77<br>27/1943    | 1.06<br>27/1943    | 1.50<br>26-27/1943 | 2.05<br>30-1/1946  |
| Nov.   | Amt.<br>Date | 0.31<br>9/1943   | 0.40<br>9/1943   | 0.55<br>8/1947     | 1.00<br>8/1947     | 1.57<br>8-9/1943   | 2.16<br>8-9/1943   |
| Dec.   | Amt.<br>Date | 0.35<br>29/1940  | 0.52<br>29/1940  | 0.55<br>29/1940    | 0.86<br>13/1941    | 1.24<br>13-14/1941 | 1.84<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.07<br>5/29/47  | 1.38<br>9/27/42  | 1.83<br>9/18-19/45 | 2.96<br>9/18-19/45 | 3.04<br>9/18-19/45 | 3.29<br>7/29-30/40 |

<sup>a</sup>Also 20/1946.

<sup>b</sup>Also 30/1947.

Station: TILLY FOSTER, NEW YORK

Drainage basin: HUDSON

County: PUTNAM

Lat. 41° 24'N Long. 73° 39'W

Elev.(ft.) 400

Period of record: NOVEMBER 1948-1950

| Month  |              | Duration (hours) |                 |                    |                    |                    |                     |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|---------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                  |
| Jan.   | Amt.<br>Date | 0.26<br>6/1949   | 0.35<br>21/1949 | 0.50<br>21-22/1949 | 0.77<br>21-22/1949 | 1.24<br>5-6/1949   | 1.81<br>5-6/1949    |
| Feb.   | Amt.<br>Date | 0.17<br>28/1949  | 0.30<br>28/1949 | 0.40<br>28/1949    | 0.60<br>28/1949    | 0.81<br>28/1949    | 1.15<br>28-1/1949   |
| Mar.   | Amt.<br>Date | 0.29<br>8/1950   | 0.36<br>23/1949 | 0.54<br>23/1949    | 0.85<br>23/1949    | 0.89<br>23/1949    | 1.15<br>28-1/1949   |
| Apr.   | Amt.<br>Date | 0.50<br>6/1949   | 0.56<br>6/1949  | 0.62<br>6/1949     | 0.78<br>6/1949     | 0.86<br>5-6/1949   | 0.91<br>5-6/1949    |
| May    | Amt.<br>Date | 1.02<br>2/1949   | 1.62<br>2/1949  | 1.78<br>2-3/1949   | 2.00<br>2-3/1949   | 2.19<br>2-3/1949   | 2.23<br>2-3/1949    |
| Jun.   | Amt.<br>Date | 0.67<br>25/1949  | 0.69<br>25/1949 | 0.72<br>25/1949    | 0.73<br>25/1949    | 0.99<br>14/1950    | 1.14<br>14-15/1950  |
| Jul.   | Amt.<br>Date | 0.63<br>27/1949  | 0.65<br>27/1949 | 0.88<br>10/1950    | 1.09<br>10/1950    | 1.20<br>10/1950    | 1.26<br>10-11/1950  |
| Aug.   | Amt.<br>Date | 1.98<br>20/1950  | 2.64<br>20/1950 | 2.71<br>20/1950    | 2.76<br>20/1950    | 3.02<br>20/1950    | 4.88<br>19-20/1950  |
| Sep.   | Amt.<br>Date | 0.15<br>29/1949  | 0.26<br>29/1949 | 0.32<br>29/1949    | 0.51<br>29/1949    | 0.65<br>29/1949    | 0.65<br>29/1949     |
| Oct.   | Amt.<br>Date | 0.22<br>26/1949  | 0.41<br>26/1949 | 0.50<br>26/1949    | 0.74<br>26/1949    | 0.88<br>25-26/1949 | 0.88<br>25-26/1949  |
| Nov.   | Amt.<br>Date | 0.65<br>25/1950  | 1.17<br>25/1950 | 1.28<br>25/1950    | 1.44<br>25/1950    | 1.88<br>25/1950    | 1.96<br>25/1950     |
| Dec.   | Amt.<br>Date | 0.41<br>4/1950   | 0.52<br>4/1950  | 0.62<br>4/1950     | 0.81<br>4/1950     | 1.35<br>4/1950     | 1.57E<br>29-30/1948 |
| Annual | Amt.<br>Date | 1.98<br>8/20/50  | 2.64<br>8/20/50 | 2.71<br>8/20/50    | 2.76<br>8/20/50    | 3.02<br>8/20/50    | 4.88<br>8/19-20/50  |

Station: TRIBES HILL, NEW YORK\*

Drainage basin: MOHAWK

County: MONTGOMERY

Lat. 42° 57' N Long. 74° 17' W

Elev.(ft.) 300

Period of record: 1941-1950

| Month  |              | Duration (hours) |                 |                    |                    |                    |                         |
|--------|--------------|------------------|-----------------|--------------------|--------------------|--------------------|-------------------------|
|        |              | 1                | 2               | 3                  | 6                  | 12                 | 24                      |
| Jan.   | Amt.<br>Date | 0.23E<br>6/1944  | 0.34E<br>6/1944 | 0.46<br>16/1945    | 0.82<br>16/1945    | 1.12<br>16/1945    | 1.12<br>16/1945         |
| Feb.   | Amt.<br>Date | 0.27<br>15/1950  | 0.43<br>28/1948 | 0.65<br>15/1950    | 0.94<br>15/1950    | 1.24<br>15/1950    | 1.67<br>14-15/1950      |
| Mar.   | Amt.<br>Date | 0.25<br>27/1950  | 0.39<br>17/1944 | 0.54<br>16-17/1942 | 0.74<br>16-17/1942 | 1.32<br>16-17/1942 | 1.32<br>16-17/1942      |
| Apr.   | Amt.<br>Date | 0.40<br>25/1945  | 0.64<br>25/1945 | 1.03<br>25/1945    | 1.64<br>25/1945    | 1.78<br>25/1945    | 1.80<br>25-26/1945      |
| May    | Amt.<br>Date | 0.42a<br>21/1946 | 0.64<br>21/1946 | 0.78<br>23/1942    | 0.82<br>22-23/1942 | 1.15<br>10/1950    | 1.50<br>27-28/1946      |
| Jun.   | Amt.<br>Date | 1.30<br>19/1944  | 1.54<br>19/1944 | 1.55<br>19/1944    | 1.64<br>19/1944    | 1.64<br>19/1944    | 2.06<br>19/1944         |
| Jul.   | Amt.<br>Date | 0.82<br>1/1942   | 0.93<br>11/1943 | 0.97<br>11/1942    | 1.43<br>5/1950     | 1.65<br>5-6/1950   | 1.65<br>5-6/1950        |
| Aug.   | Amt.<br>Date | 0.67<br>31/1950  | 1.00<br>31/1950 | 1.18<br>31/1950    | 1.88<br>31/1950    | 2.65<br>28-29/1949 | 3.52<br>31-1/1950       |
| Sep.   | Amt.<br>Date | 0.92<br>18/1945  | 1.36<br>18/1945 | 1.69<br>18/1945    | 2.30<br>18/1945    | 2.52<br>18-19/1945 | 3.52<br>31-1/1950       |
| Oct.   | Amt.<br>Date | 0.62<br>16/1943  | 0.75<br>16/1943 | 0.80<br>16/1943    | 1.18<br>26-27/1943 | 2.03<br>26-27/1943 | 2.49<br>1-2/1945        |
| Nov.   | Amt.<br>Date | 0.46<br>6/1948   | 0.78<br>8/1947  | 1.06<br>8/1947     | 1.30<br>8/1947     | 1.41<br>6-7/1948   | 1.62<br>8-9/1943        |
| Dec.   | Amt.<br>Date | 0.26<br>28/1946  | 0.47<br>28/1946 | 0.62<br>28/1946    | 0.94<br>27-28/1946 | 1.32<br>29-30/1942 | 2.43<br>29-30/1942      |
| Annual | Amt.<br>Date | 1.30<br>6/19/44  | 1.54<br>6/19/44 | 1.69<br>9/18/45    | 2.30<br>9/18/45    | 2.65<br>8/28-29/49 | 3.52<br>8/31-<br>9/1/50 |

\*Formerly Fort Hunter, New York.

<sup>a</sup>Also 10/1950.

Station: TRUXTON 4N, NEW YORK\*

Drainage basin: SUSQUEHANNA

County: CORTLAND

Lat. 42° 46'N Long. 76° 02'W

Elev.(ft.) 1400

Period of record: 1940-1949

| Month  |              | Duration (hours) |                    |                    |                    |                     |                    |
|--------|--------------|------------------|--------------------|--------------------|--------------------|---------------------|--------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                  | 24                 |
| Jan.   | Amt.<br>Date | 0.20<br>1/1945   | 0.35<br>1/1945     | 0.53<br>1/1945     | 0.88<br>1/1945     | 1.09<br>31-1/1945   | 1.54<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.26<br>22/1945  | 0.43<br>22/1945    | 0.54<br>22/1945    | 0.74<br>22/1945    | 0.86a<br>21-22/1945 | 0.97<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.33<br>21/1948  | 0.48<br>16/1943    | 0.63<br>16/1943    | 0.82<br>16/1943    | 1.29<br>14-15/1940  | 1.78<br>14-15/1940 |
| Apr.   | Amt.<br>Date | 0.35<br>27/1943  | 0.47b<br>10/1944   | 0.59<br>10/1944    | 1.07<br>19/1943    | 1.40<br>19/1943     | 2.05<br>18-19/1943 |
| May    | Amt.<br>Date | 0.72<br>21/1947  | 0.79<br>21-22/1947 | 0.89<br>21-22/1947 | 1.21<br>21-22/1947 | 1.37<br>13/1948     | 2.03<br>7-8/1944   |
| Jun.   | Amt.<br>Date | 1.46<br>29/1946  | 1.80<br>24/1940    | 1.82<br>24/1940    | 1.88<br>24/1940    | 2.00<br>24/1940     | 2.93<br>24/1940    |
| Jul.   | Amt.<br>Date | 0.96<br>30/1941  | 1.76<br>30/1941    | 2.23<br>30/1941    | 2.91<br>30/1941    | 3.45<br>30/1941     | 3.52<br>30/1941    |
| Aug.   | Amt.<br>Date | 1.25<br>16/1943  | 1.98<br>16/1943    | 2.42<br>16/1943    | 3.19<br>13/1942    | 3.22<br>13-14/1942  | 3.22<br>13-14/1942 |
| Sep.   | Amt.<br>Date | 1.17<br>10/1946  | 1.65<br>10/1946    | 1.75<br>10/1946    | 1.94<br>10/1946    | 2.38<br>9-10/1946   | 2.84<br>9-10/1946  |
| Oct.   | Amt.<br>Date | 0.77<br>16/1943  | 1.09<br>16/1943    | 1.43<br>16/1943    | 2.19<br>16/1943    | 2.20<br>16/1943     | 2.31<br>15-16/1943 |
| Nov.   | Amt.<br>Date | 0.62<br>20/1948  | 0.83<br>20/1948    | 1.01<br>20/1948    | 1.46<br>6/1948     | 1.59<br>6/1948      | 1.99<br>19-20/1948 |
| Dec.   | Amt.<br>Date | 0.36<br>24/1941  | 0.59<br>24/1941    | 0.71<br>30/1942    | 1.18<br>30/1942    | 1.78<br>30/1942     | 2.38<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.46<br>6/29/46  | 1.98<br>8/16/43    | 2.42<br>8/16/43    | 3.19<br>8/13/42    | 3.45<br>7/30/41     | 3.52<br>7/30/41    |

\*Formerly Truxton No. 1.

aAlso 13-14/1948.

bAlso 20/1948.



Station: TRUXTON 5N, NEW YORK\*

Drainage basin: SUSQUEHANNA

County: CORTLAND

Lat. 42° 47'N Long. 76° 02'W

Elev.(ft.) 1750

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                 |                    |                    |                    |
|--------|--------------|------------------|--------------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.13<br>7/1943   | 0.22<br>21/1946    | 0.32<br>21/1946 | 0.45<br>21/1946    | 0.65<br>26/1949    | 0.74<br>24-25/1948 |
| Feb.   | Amt.<br>Date | 0.26<br>13/1948  | 0.30<br>14/1950    | 0.42<br>14/1950 | 0.65<br>14/1950    | 0.90<br>14/1950    | 1.45<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.30<br>21/1945  | 0.47<br>16-17/1942 | 0.64<br>16/1943 | 0.82<br>16-17/1942 | 1.23<br>21/1945    | 1.44<br>21-22/1945 |
| Apr.   | Amt.<br>Date | 0.40<br>20/1948  | 0.54<br>20/1948    | 0.60a<br>5/1941 | 0.99<br>5/1941     | 1.49<br>5/1941     | 2.05<br>5-6/1941   |
| May    | Amt.<br>Date | 0.96<br>22/1945  | 1.00<br>22/1945    | 1.00<br>22/1945 | 1.04<br>7/1944     | 1.25<br>7/1944     | 2.02<br>7-8/1944   |
| Jun.   | Amt.<br>Date | 1.75<br>25/1949  | 1.97<br>25/1949    | 2.45<br>25/1949 | 2.53<br>25/1949    | 2.80<br>25/1949    | 2.87<br>25-26/1949 |
| Jul.   | Amt.<br>Date | 0.80<br>18/1947  | 1.13<br>30/1941    | 1.31<br>30/1941 | 1.64<br>30/1941    | 2.00<br>30/1941    | 2.21<br>30/1941    |
| Aug.   | Amt.<br>Date | 1.32<br>16/1943  | 2.06<br>16/1943    | 2.36<br>16/1943 | 2.73<br>16/1943    | 2.89<br>16-17/1943 | 3.26<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.87<br>10/1946  | 1.13<br>10/1946    | 1.22<br>18/1949 | 1.76<br>18/1949    | 1.76<br>18/1949    | 2.24<br>18/1949    |
| Oct.   | Amt.<br>Date | 0.39<br>5/1941   | 0.63<br>26/1943    | 0.82<br>26/1943 | 1.22<br>26/1943    | 1.82<br>26/1943    | 2.05<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.35<br>20/1950  | 0.55b<br>20/1950   | 0.73<br>20/1950 | 1.08<br>20/1950    | 1.20<br>20/1950    | 1.77<br>29-30/1944 |
| Dec.   | Amt.<br>Date | 0.31<br>24/1941  | 0.55<br>28/1940    | 0.71<br>30/1942 | 1.18<br>30/1942    | 1.82<br>30/1942    | 2.50<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.75<br>6/25/49  | 2.06<br>8/16/43    | 2.45<br>6/25/49 | 2.73<br>8/16/43    | 2.89<br>8/16-17/43 | 3.26<br>8/28-29/49 |

\*Formerly Truxton No. 2.

<sup>a</sup>Also 20/1948.

<sup>b</sup>Also 26/1950.



Station: UPTON, NEW YORK

Drainage basin: COASTAL

County: SUFFOLK

Lat. 40° 52'N Long. 72° 53'W

Elev.(ft.) 75

Period of record: 1948-1950

| Month  |              | Duration (hours) |                  |                  |                    |                    |                    |
|--------|--------------|------------------|------------------|------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.28<br>6/1949   | 0.54<br>6/1949   | 0.70<br>6/1949   | 1.02<br>6/1949     | 1.40<br>5-6/1949   | 1.91<br>5-6/1949   |
| Feb.   | Amt.<br>Date | 0.30<br>22/1949  | 0.59<br>22/1949  | 0.84<br>22/1949  | 1.21<br>22/1949    | 1.36<br>22-23/1949 | 1.66<br>14-15/1950 |
| Mar.   | Amt.<br>Date | 0.41<br>23/1949  | 0.57<br>23/1949  | 0.67<br>23/1949  | 0.87<br>23/1949    | 1.05<br>21/1950    | 1.08<br>21/1950    |
| Apr.   | Amt.<br>Date | 0.32<br>6/1949   | 0.56<br>28/1950  | 0.76<br>6/1949   | 1.32<br>6/1949     | 1.40<br>5-6/1949   | 1.40<br>5-6/1949   |
| May    | Amt.<br>Date | 0.55<br>24/1950  | 1.05<br>24/1950  | 1.50<br>24/1950  | 2.30<br>24/1950    | 2.30<br>24/1950    | 2.30<br>24/1950    |
| Jun.   | Amt.<br>Date | 0.25a<br>11/1950 | 0.32<br>4/1950   | 0.37<br>4/1950   | 0.50<br>4/1950     | 0.63<br>4/1950     | 0.69<br>1/1950     |
| Jul.   | Amt.<br>Date | 0.58<br>20/1950  | 0.70<br>20/1950  | 0.80<br>20/1950  | 0.98<br>16/1950    | 1.19<br>16/1950    | 1.44<br>16-17/1950 |
| Aug.   | Amt.<br>Date | 1.55<br>31/1949  | 1.68<br>20/1950  | 1.75<br>20/1950  | 2.55<br>31/1949    | 2.76<br>31-1/1949  | 2.76<br>31-1/1949  |
| Sep.   | Amt.<br>Date | 0.65<br>14/1949  | 0.65<br>14/1949  | 0.89<br>14/1949  | 1.14<br>31-1/1949  | 2.76<br>31-1/1949  | 2.76<br>31-1/1949  |
| Oct.   | Amt.<br>Date | 0.67<br>11/1948  | 1.20<br>11/1948  | 1.46<br>11/1948  | 1.52<br>11/1948    | 1.52<br>11/1948    | 1.71<br>24-25/1948 |
| Nov.   | Amt.<br>Date | 1.30<br>25/1950  | 1.78<br>25/1950  | 2.58<br>25/1950  | 3.40<br>25/1950    | 3.92<br>25/1950    | 3.93<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.55<br>30/1948  | 0.83<br>30/1948  | 1.24<br>30/1948  | 1.74<br>30-31/1948 | 2.34<br>30-31/1948 | 3.37<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.55<br>8/31/49  | 1.78<br>11/25/50 | 2.58<br>11/25/50 | 3.40<br>11/25/50   | 3.92<br>11/25/50   | 3.93<br>11/25/50   |

<sup>a</sup>Also 24/1950

Station: **UTICA CAA APT, NEW YORK**

Drainage basin: **MOHAWK**

County: **ONEIDA**

Lat. **43° 09'N** Long. **75° 23'W**

Elev.(ft.) **736**

Period of record: **1940-1950**

| Month  |              | Duration (hours) |                 |                  |                    |                     |                     |
|--------|--------------|------------------|-----------------|------------------|--------------------|---------------------|---------------------|
|        |              | 1                | 2               | 3                | 6                  | 12                  | 24                  |
| Jan.   | Amt.<br>Date | 0.25<br>10/1950  | 0.47<br>10/1950 | 0.60<br>10/1950  | 0.76<br>10/1950    | 1.00<br>10/1950     | 1.23<br>31-1/1945   |
| Feb.   | Amt.<br>Date | 0.34<br>13/1948  | 0.52<br>13/1948 | 0.77<br>13/1948  | 1.10<br>13-14/1948 | 1.44E<br>21-22/1945 | 1.47<br>21-22/1945  |
| Mar.   | Amt.<br>Date | 0.41<br>27/1948  | 0.51<br>8/1950  | 0.62a<br>17/1942 | 0.87<br>16-17/1942 | 1.20<br>16-17/1942  | 1.22<br>16-17/1942  |
| Apr.   | Amt.<br>Date | 0.50<br>20/1948  | 0.92<br>26/1945 | 1.00<br>26/1945  | 1.25<br>26/1945    | 1.32<br>26-27/1945  | 1.57<br>26-27/1945  |
| May    | Amt.<br>Date | 0.65<br>21/1947  | 1.13<br>21/1947 | 1.46<br>21/1947  | 2.06<br>21-22/1947 | 2.15<br>21-22/1947  | 2.15<br>21-22/1947  |
| Jun.   | Amt.<br>Date | 1.27<br>25/1949  | 1.53<br>25/1949 | 1.78<br>25/1949  | 1.96<br>2/1947     | 3.02<br>2-3/1947    | 3.50<br>2-3/1947    |
| Jul.   | Amt.<br>Date | 1.67<br>6/1948   | 1.87<br>6/1948  | 2.02<br>6/1948   | 2.10<br>6/1948     | 2.69<br>6/1948      | 3.00<br>5-6/1948    |
| Aug.   | Amt.<br>Date | 1.10<br>17/1944  | 1.44<br>3/1950  | 1.44<br>3/1950   | 1.59<br>3/1950     | 1.59<br>3/1950      | 3.04<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 0.88<br>9/1945   | 1.21<br>25/1945 | 1.44<br>25/1945  | 1.62<br>25/1945    | 2.02<br>27/1942     | 2.35<br>26-27/1942  |
| Oct.   | Amt.<br>Date | 0.48<br>12/1946  | 0.66<br>12/1946 | 0.85<br>12/1946  | 1.29<br>26-27/1943 | 1.91<br>1-2/1945    | 3.41<br>1-2/1945    |
| Nov.   | Amt.<br>Date | 0.51<br>6/1948   | 0.96<br>6/1948  | 1.41<br>6/1948   | 1.99<br>6/1948     | 2.27<br>6-7/1948    | 2.32<br>6-7/1948    |
| Dec.   | Amt.<br>Date | 0.36<br>28/1940  | 0.60<br>30/1942 | 0.75b<br>28/1940 | 1.09<br>30/1942    | 1.52E<br>30/1942    | 2.56E<br>29-30/1942 |
| Annual | Amt.<br>Date | 1.67<br>7/6/48   | 1.87<br>7/6/48  | 2.02<br>7/6/48   | 2.10<br>7/6/48     | 3.20<br>6/2-3/47    | 3.50<br>6/2-3/47    |

<sup>a</sup>Also 8/1950.

<sup>b</sup>Also 30/1942.

Station: VICTOR, NEW YORK

Drainage basin: OSWEGO

County: ONTARIO

Lat. 42° 59' N Long. 77° 24' W

Elev.(ft.) 640

Period of record: 1942-1949 (BREAKS)

| Month  |              | Duration (hours) |                  |                  |                 |                    |                    |
|--------|--------------|------------------|------------------|------------------|-----------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                | 6               | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.19<br>1/1948   | 0.27<br>1-2/1948 | 0.31<br>1-2/1948 | 0.42<br>2/1948  | 0.76<br>1-2/1948   | 0.81<br>1-2/1948   |
| Feb.   | Amt.<br>Date | 0.30<br>28/1946  | 0.32<br>28/1946  | 0.32a<br>28/1946 | 0.48<br>28/1948 | 0.67<br>28/1948    | 0.80<br>28/1948    |
| Mar.   | Amt.<br>Date | 0.20<br>21/1948  | 0.30<br>30/1943  | 0.32<br>30/1943  | 0.57<br>30/1943 | 0.69<br>30/1943    | 0.69<br>30/1943    |
| Apr.   | Amt.<br>Date | 0.32<br>6/1948   | 0.51<br>6/1948   | 0.60<br>6/1948   | 0.86<br>6/1948  | 1.08<br>5-6/1948   | 1.11<br>5-6/1948   |
| May    | Amt.<br>Date | 0.33<br>25/1943  | 0.64<br>25/1943  | 0.79<br>25/1943  | 1.03<br>25/1943 | 1.70<br>25-26/1943 | 1.84<br>25-26/1943 |
| Jun.   | Amt.<br>Date | 0.92<br>29/1949  | 1.22<br>29/1949  | 1.42<br>29/1949  | 1.50<br>29/1949 | 1.50<br>29/1949    | 1.50<br>29/1949    |
| Jul.   | Amt.<br>Date | 1.02<br>23/1945  | 1.04<br>23/1945  | 1.05<br>23/1945  | 1.06<br>14/1945 | 1.15<br>31-1/1946  | 1.60<br>14-15/1945 |
| Aug.   | Amt.<br>Date | 0.66<br>17/1946  | 1.25<br>17/1946  | 1.28<br>17/1946  | 1.42<br>17/1946 | 1.85<br>28-29/1949 | 2.03<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.94<br>20/1948  | 1.04<br>20/1948  | 1.09<br>20/1948  | 1.40<br>25/1945 | 2.22<br>18/1945    | 2.62<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.42<br>1/1945   | 0.67<br>26/1943  | 0.75<br>26/1943  | 0.93<br>1/1945  | 1.20<br>1-2/1945   | 2.35<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.32<br>8/1943   | 0.40b<br>8/1943  | 0.48<br>8/1943   | 0.63<br>8/1943  | 0.90<br>20-21/1942 | 1.26<br>20-21/1942 |
| Dec.   | Amt.<br>Date | 0.28<br>8/1944   | 0.46<br>8/1944   | 0.67<br>8/1944   | 1.19<br>8/1944  | 1.51<br>8/1944     | 1.75<br>8/1944     |
| Annual | Amt.<br>Date | 1.02<br>7/23/45  | 1.25<br>8/17/46  | 1.42<br>6/29/49  | 1.50<br>6/29/49 | 2.22<br>9/18/45    | 2.62<br>9/17-18/45 |

<sup>a</sup>Also 28/1948.

<sup>b</sup>Also 10/1943.

Station: WALES, NEW YORK

Drainage basin: LAKE ERIE

County: ERIE

Lat. 42° 45'N Long. 78° 31'W

Elev.(ft.) 1020

Period of record: 1940-1950 (BREAKS)

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.30<br>4/1943   | 0.40<br>4/1943  | 0.41<br>4/1943  | 0.68<br>30/1947    | 0.73<br>30/1947    | 0.80<br>30-31/1947 |
| Feb.   | Amt.<br>Date | 0.25<br>26/1944  | 0.38<br>26/1944 | 0.42<br>26/1944 | 0.55<br>14/1950    | 1.00<br>7/1942     | 1.46<br>6-7/1942   |
| Mar.   | Amt.<br>Date | 0.77<br>16/1942  | 0.92<br>16/1942 | 1.07<br>16/1942 | 1.32<br>16-17/1942 | 1.53<br>16-17/1942 | 1.58<br>16-17/1942 |
| Apr.   | Amt.<br>Date | 0.46<br>15/1949  | 0.62<br>27/1943 | 0.90<br>26/1945 | 1.11<br>26/1945    | 1.38<br>12/1944    | 1.51<br>11-12/1944 |
| May    | Amt.<br>Date | 0.48<br>22/1944  | 0.56<br>22/1949 | 0.62<br>22/1944 | 0.74<br>22/1944    | 1.44<br>22/1944    | 1.45<br>22/1944    |
| Jun.   | Amt.<br>Date | 1.03<br>10/1940  | 1.50<br>10/1940 | 1.60<br>10/1940 | 1.98<br>10/1940    | 2.05<br>10/1940    | 2.33<br>23-24/1944 |
| Jul.   | Amt.<br>Date | 0.86<br>7/1941   | 1.36<br>17/1942 | 1.39<br>17/1942 | 1.85<br>17-18/1942 | 2.03<br>17-18/1942 | 2.13<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 0.65<br>31/1941  | 0.74<br>28/1949 | 0.81<br>16/1943 | 1.07<br>16/1943    | 1.32<br>28-29/1949 | 1.44<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 1.96<br>19/1948  | 2.46<br>19/1948 | 2.65<br>19/1948 | 2.90<br>19/1948    | 2.90<br>19/1948    | 2.90<br>19/1948    |
| Oct.   | Amt.<br>Date | 0.49<br>2/1945   | 0.57<br>15/1943 | 0.77<br>15/1943 | 1.03<br>12/1946    | 1.68<br>1-2/1945   | 2.69<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.42<br>10/1942  | 0.52<br>10/1942 | 0.64<br>10/1942 | 0.99<br>10/1942    | 1.21<br>30-1/1940  | 1.63<br>3-4/1950   |
| Dec.   | Amt.<br>Date | 0.53<br>1/1950   | 0.63<br>1/1950  | 0.68<br>1/1950  | 0.94<br>27-28/1942 | 1.41<br>27-28/1942 | 1.74<br>27-28/1942 |
| Annual | Amt.<br>Date | 1.96<br>9/19/48  | 2.46<br>9/19/48 | 2.65<br>9/19/48 | 2.90<br>9/19/48    | 2.90<br>9/19/48    | 2.90<br>9/19/48    |

Station: WANAKENA RANGER SCHOOL, NEW YORK

Drainage basin: ST LAWRENCE

County: ST LAWRENCE

Lat. 44° 09'N Long. 74° 54'W

Elev.(ft.) 1510

Period of record: 1941-1950

| Month  |              | Duration (hours) |                    |                    |                     |                     |                     |
|--------|--------------|------------------|--------------------|--------------------|---------------------|---------------------|---------------------|
|        |              | 1                | 2                  | 3                  | 6                   | 12                  | 24                  |
| Jan.   | Amt.<br>Date | 0.29<br>30/1947  | 0.40<br>30/1947    | 0.58<br>30/1947    | 1.05<br>30/1947     | 1.64<br>30-31/1947  | 1.84<br>30-31/1947  |
| Feb.   | Amt.<br>Date | 0.28<br>14/1944  | 0.48<br>14-15/1944 | 0.59<br>14-15/1944 | 0.76E<br>14-15/1944 | 1.04E<br>14-15/1944 | 1.24E<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.28<br>8/1950   | 0.48<br>19/1948    | 0.58a<br>19/1948   | 0.72<br>8/1950      | 1.08E<br>2-3/1947   | 1.49<br>9-10/1946   |
| Apr.   | Amt.<br>Date | 0.25<br>6/1949   | 0.40<br>20/1948    | 0.47<br>27/1947    | 0.77<br>27/1947     | 0.98<br>26-27/1947  | 1.20<br>6-7/1949    |
| May    | Amt.<br>Date | 0.84<br>21/1947  | 1.04<br>21/1947    | 1.17<br>21/1947    | 1.57<br>21-22/1947  | 1.78<br>21-22/1947  | 1.80<br>21-22/1947  |
| Jun.   | Amt.<br>Date | 1.23<br>29/1949  | 1.85<br>29/1949    | 1.87<br>29/1949    | 1.87<br>29/1949     | 1.87<br>29/1949     | 2.31<br>2-3/1947    |
| Jul.   | Amt.<br>Date | 0.75<br>14/1947  | 1.23<br>14/1947    | 1.23<br>14/1947    | 1.70<br>14/1945     | 1.83<br>14-15/1945  | 2.46<br>14-15/1945  |
| Aug.   | Amt.<br>Date | 0.62<br>29/1950  | 0.74<br>29/1950    | 0.81<br>24/1946    | 0.96<br>29/1949     | 1.43<br>29/1949     | 1.88<br>28-29/1949  |
| Sep.   | Amt.<br>Date | 1.20<br>2/1943   | 1.55<br>1-2/1943   | 1.86<br>1-2/1943   | 2.08<br>1-2/1943    | 2.10<br>1-2/1943    | 2.62<br>1-2/1943    |
| Oct.   | Amt.<br>Date | 0.45<br>16/1943  | 0.53<br>12/1946    | 0.79<br>4-5/1949   | 1.34<br>12/1946     | 1.53<br>26-27/1943  | 2.06b<br>1-2/1945   |
| Nov.   | Amt.<br>Date | 0.41<br>6/1948   | 0.79<br>6/1948     | 1.10<br>6/1948     | 1.54<br>6/1948      | 2.00<br>8/1947      | 2.05<br>8-9/1947    |
| Dec.   | Amt.<br>Date | 0.31<br>30/1942  | 0.53<br>2/1942     | 0.70<br>2/1942     | 1.00<br>30/1942     | 1.54<br>30/1942     | 2.35<br>30-31/1942  |
| Annual | Amt.<br>Date | 1.23<br>6/29/49  | 1.85<br>6/29/49    | 1.87<br>6/29/49    | 2.08<br>9/1-2/43    | 2.10<br>9/1-2/43    | 2.62<br>9/1-2/43    |

<sup>a</sup>Also 8/1950.

<sup>b</sup>Also 12/1946.



Station: WATERTOWN, NEW YORK

Drainage basin: BLACK

County: JEFFERSON

Lat. 43° 58'N Long. 75° 52'W

Elev.(ft.) 497

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                              |                                 |                    |                    |
|--------|--------------|------------------|--------------------|------------------------------|---------------------------------|--------------------|--------------------|
|        |              | 1                | 2                  | 3                            | 6                               | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.27<br>30/1947  | 0.37<br>30/1947    | 0.44<br>2/1948               | 0.72<br>30/1947                 | 0.93<br>30/1947    | 1.26<br>30-31/1947 |
| Feb.   | Amt.<br>Date | 0.20<br>14/1948  | 0.32<br>14/1948    | 0.50<br>14/1948              | 0.70<br>13-14/1948              | 1.02<br>13-14/1948 | 1.16<br>13-14/1948 |
| Mar.   | Amt.<br>Date | 0.41<br>19/1948  | 0.76<br>19/1948    | 0.84<br>19/1948              | 0.89<br>19/1948                 | 1.03<br>19/1948    | 1.14<br>22-23/1950 |
| Apr.   | Amt.<br>Date | 0.40<br>26/1945  | 0.70<br>26/1945    | 0.82<br>26/1945              | 0.85<br>26/1945                 | 1.19<br>6/1949     | 1.59<br>6/1949     |
| May    | Amt.<br>Date | 0.92<br>21/1947  | 1.26<br>21/1947    | 1.52<br>21/1947              | 1.73<br>21/1947                 | 1.91<br>21-22/1947 | 2.08<br>21-22/1947 |
| Jun.   | Amt.<br>Date | 0.90<br>29/1949  | 1.50<br>29/1949    | 1.57<br>29/1949              | 1.60<br>29/1949                 | 1.69<br>23-24/1944 | 1.80<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.17<br>19/1946  | 1.36<br>19/1946    | 1.41<br>19/1946              | 1.62<br>1/1946                  | 1.63<br>1/1946     | 1.95<br>14-15/1945 |
| Aug.   | Amt.<br>Date | 2.10<br>18/1949  | 4.00<br>18/1949    | 4.74<br>18/1949              | 5.79<br>18/1949                 | 6.32<br>18/1949    | 6.39<br>17-18/1949 |
| Sep.   | Amt.<br>Date | 0.68<br>5/1941   | 1.02<br>18/1945    | 1.18<br>18/1945              | 1.67<br>18/1945                 | 2.67<br>18/1945    | 3.06<br>18-19/1945 |
| Oct.   | Amt.<br>Date | 0.58<br>27/1943  | 0.82<br>26-27/1943 | 1.21<br>26-27/1943           | 1.59<br>26-27/1943              | 1.77<br>26-27/1943 | 1.98<br>12-13/1946 |
| Nov.   | Amt.<br>Date | 0.39<br>6/1948   | 0.58<br>6/1948     | 0.79 <sup>a</sup><br>24/1945 | 1.51 <sup>a</sup><br>24-25/1945 | 2.17<br>4/1950     | 3.10<br>3-4/1950   |
| Dec.   | Amt.<br>Date | 0.30<br>26/1949  | 0.51<br>26/1949    | 0.65 <sup>a</sup><br>30/1942 | 0.99<br>30/1942                 | 1.47<br>30/1942    | 1.96<br>29-30/1942 |
| Annual | Amt.<br>Date | 2.10<br>8/18/49  | 4.00<br>8/18/49    | 4.74<br>8/18/49              | 5.79<br>8/18/49                 | 6.32<br>8/18/49    | 6.39<br>8/17-18/49 |

<sup>a</sup>Also 26/1949.



Station: WEST ALMOND, NEW YORK

Drainage basin: LAKE ONTARIO

County: ALLEGANY

Lat. 42° 18' N Long. 77° 53' W

Elev.(ft.) 1960

Period of record: 1940-JANUARY 1950

| Month  |              | Duration (hours)            |                    |                    |                    |                               |                    |
|--------|--------------|-----------------------------|--------------------|--------------------|--------------------|-------------------------------|--------------------|
|        |              | 1                           | 2                  | 3                  | 6                  | 12                            | 24                 |
| Jan.   | Amt.<br>Date | 0.21<br>15/1950             | 0.28<br>15/1950    | 0.37<br>5-6/1950   | 0.67<br>30/1947    | 1.15 <sup>E</sup><br>1-2/1940 | 2.30<br>1-2/1940   |
| Feb.   | Amt.<br>Date | 0.38<br>22/1944             | 0.46<br>22/1944    | 0.54<br>22/1944    | 0.72<br>22-23/1944 | 0.77<br>22-23/1944            | 0.88<br>6-7/1942   |
| Mar.   | Amt.<br>Date | 0.63<br>16/1942             | 0.74<br>16/1942    | 0.80<br>16/1942    | 0.88<br>21/1948    | 1.58<br>21/1948               | 1.93<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.42 <sup>a</sup><br>4/1945 | 0.60<br>26/1945    | 0.66<br>5/1947     | 1.07<br>5/1947     | 1.35<br>5/1947                | 1.67<br>13-14/1948 |
| May    | Amt.<br>Date | 0.64<br>29/1947             | 0.84<br>29/1947    | 1.10<br>25/1943    | 1.72<br>27/1946    | 2.44<br>27/1946               | 3.35<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.10<br>27/1946             | 1.21<br>27/1946    | 1.23<br>27/1946    | 1.24<br>27/1946    | 1.57<br>2-3/1947              | 1.91<br>26-27/1946 |
| Jul.   | Amt.<br>Date | 2.08<br>18/1942             | 3.20<br>18/1942    | 3.23<br>18/1942    | 3.39<br>18/1942    | 4.13<br>17-18/1942            | 4.15<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 0.56<br>18/1948             | 0.82<br>14-15/1945 | 1.14<br>14-15/1945 | 1.38<br>13/1940    | 1.93<br>28-29/1949            | 2.65<br>5-6/1948   |
| Sep.   | Amt.<br>Date | 0.55<br>4/1944              | 0.76<br>23/1940    | 0.96<br>23/1940    | 1.26<br>23-24/1940 | 1.83<br>18/1945               | 2.31<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.32<br>12/1946             | 0.53<br>12/1946    | 0.64<br>12/1946    | 1.06<br>12/1946    | 1.34<br>20-21/1944            | 1.48<br>20-21/1944 |
| Nov.   | Amt.<br>Date | 0.38<br>8/1947              | 0.50<br>8/1947     | 0.58<br>8/1947     | 0.70<br>8/1947     | 0.89<br>24/1947               | 1.50<br>28-29/1945 |
| Dec.   | Amt.<br>Date | 0.20<br>6/1948              | 0.32<br>6/1948     | 0.45<br>15-16/1947 | 0.70<br>24/1941    | 0.86<br>29-30/1942            | 1.26<br>11-12/1944 |
| Annual | Amt.<br>Date | 2.08<br>7/18/42             | 3.20<br>7/18/42    | 3.23<br>7/18/42    | 3.39<br>7/18/42    | 4.13<br>7/17-18/42            | 4.15<br>7/17-18/42 |

<sup>a</sup>Also 26/1945.

Station: WEST JASPER, NEW YORK\*

Drainage basin: SUSQUEHANNA

County: STEUBEN

Lat. 42° 09' N Long. 77° 34' W

Elev.(ft.) 2220

Period of record: 1940-1950

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.24<br>28/1949  | 0.44<br>30/1947 | 0.58<br>30/1947 | 0.72<br>30/1947    | 0.77<br>30/1947    | 1.18<br>1-2/1948   |
| Feb.   | Amt.<br>Date | 0.52<br>15/1950  | 0.59<br>15/1950 | 0.60<br>15/1950 | 0.76<br>14/1940    | 1.16<br>14/1940    | 1.57<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.28a<br>9/1942  | 0.47<br>9/1942  | 0.55<br>21/1948 | 0.65<br>21-22/1948 | 1.14<br>21-22/1948 | 1.28<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.33<br>25/1945  | 0.44<br>25/1945 | 0.60<br>3/1940  | 0.82<br>5/1941     | 1.16<br>5/1941     | 1.60<br>4-5/1947   |
| May    | Amt.<br>Date | 0.76<br>17/1945  | 0.87<br>17/1945 | 1.08<br>17/1945 | 1.47<br>17/1945    | 2.28<br>27/1946    | 3.44<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.60<br>23/1944  | 1.60<br>23/1944 | 1.60<br>23/1944 | 2.10<br>2-3/1947   | 2.84<br>2-3/1947   | 2.84<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.05<br>28/1942  | 1.15<br>28/1942 | 1.16<br>28/1942 | 2.01<br>17-18/1942 | 2.13<br>17-18/1942 | 2.14<br>17-18/1942 |
| Aug.   | Amt.<br>Date | 1.17<br>15/1947  | 1.23<br>15/1947 | 1.35<br>15/1947 | 1.38<br>15/1947    | 2.07<br>31/1950    | 2.20<br>31/1950    |
| Sep.   | Amt.<br>Date | 1.03<br>14/1945  | 1.43<br>14/1945 | 1.58<br>14/1945 | 2.47<br>14/1945    | 2.48<br>14/1945    | 2.70<br>14/1945    |
| Oct.   | Amt.<br>Date | 0.67<br>9/1950   | 1.20<br>9/1950  | 1.52<br>9/1950  | 2.00<br>8-9/1950   | 2.68<br>8-9/1950   | 3.14<br>8-9/1950   |
| Nov.   | Amt.<br>Date | 0.35<br>4/1950   | 0.45<br>4/1950  | 0.54b<br>6/1948 | 0.89<br>4/1950     | 1.15<br>4/1950     | 1.85<br>3-4/1950   |
| Dec.   | Amt.<br>Date | 0.37<br>24/1941  | 0.54<br>24/1941 | 0.79<br>24/1941 | 1.16<br>24/1941    | 1.22<br>24/1941    | 1.35<br>23-24/1941 |
| Annual | Amt.<br>Date | 1.60<br>6/23/44  | 1.60<br>6/23/44 | 1.60<br>6/23/44 | 2.47<br>9/14/45    | 2.84<br>6/2-3/47   | 3.44<br>5/26-27/46 |

\*Formerly Jasper, New York

<sup>a</sup>Also 19/1948 and 21/1948.

<sup>b</sup>Also 4/1950.

Station: WHIPPLEVILLE, NEW YORK\*

Drainage basin: ST LAWRENCE

County: FRANKLIN

Lat. 44° 49'N Long. 74° 16'W

Elev.(ft.) 810

Period of record: 1940-1950

| Month  |              | Duration (hours) |                    |                    |                    |                     |                     |
|--------|--------------|------------------|--------------------|--------------------|--------------------|---------------------|---------------------|
|        |              | 1                | 2                  | 3                  | 6                  | 12                  | 24                  |
| Jan.   | Amt.<br>Date | 0.56<br>30/1947  | 0.82<br>30/1947    | 0.97<br>30/1947    | 1.30<br>30-31/1947 | 1.51<br>30-31/1947  | 1.83<br>30-31/1947  |
| Feb.   | Amt.<br>Date | 0.27<br>15/1944  | 0.45<br>14-15/1944 | 0.58<br>14-15/1944 | 0.83<br>15/1949    | 1.00<br>15/1949     | 1.00<br>15/1949     |
| Mar.   | Amt.<br>Date | 0.27<br>8/1950   | 0.42<br>8/1950     | 0.56<br>8/1950     | 0.75<br>8/1950     | 0.81<br>8-9/1950    | 0.82<br>8-9/1946    |
| Apr.   | Amt.<br>Date | 0.30<br>20/1948  | 0.45<br>15/1942    | 0.48<br>15/1942    | 0.86<br>15/1942    | 1.16<br>15/1942     | 1.84<br>15/1942     |
| May    | Amt.<br>Date | 0.72<br>18/1945  | 0.98<br>18/1945    | 0.99<br>18/1945    | 1.17<br>18/1945    | 1.85<br>11-21/1943  | 2.13<br>11-12/1943  |
| Jun.   | Amt.<br>Date | 0.93<br>18/1940  | 1.23<br>18/1940    | 1.50<br>18/1940    | 1.70<br>18/1940    | 1.71<br>18/1940     | 2.48<br>18-19/1940  |
| Jul.   | Amt.<br>Date | 1.23<br>5/1945   | 1.24<br>23/1948    | 1.37<br>23/1948    | 1.80<br>23/1948    | 1.88<br>23/1948     | 2.29<br>23/1948     |
| Aug.   | Amt.<br>Date | 2.16<br>17/1948  | 2.16<br>17/1948    | 2.16<br>17/1948    | 2.16<br>17/1948    | 2.16<br>17/1948     | 2.85<br>28-29/1950  |
| Sep.   | Amt.<br>Date | 0.70<br>16/1942  | 1.01<br>15/1944    | 1.30<br>15/1944    | 1.57<br>15/1944    | 1.93E<br>29-30/1946 | 2.74E<br>29-30/1946 |
| Oct.   | Amt.<br>Date | 0.40<br>7/1941   | 0.55<br>27/1943    | 0.72<br>12/1946    | 1.28<br>12/1946    | 1.34<br>12-13/1946  | 2.31E<br>30-1/1946  |
| Nov.   | Amt.<br>Date | 0.36E<br>20/1942 | 0.55<br>26/1950    | 0.81<br>26/1950    | 1.36<br>26/1950    | 1.90E<br>8/1947     | 2.28<br>4-5/1950    |
| Dec.   | Amt.<br>Date | 0.25<br>29/1940  | 0.38<br>25/1948    | 0.50<br>25/1945    | 0.63<br>25/1945    | 0.90<br>31/1948     | 1.68<br>30-31/1948  |
| Annual | Amt.<br>Date | 2.16<br>8/17/48  | 2.16<br>8/17/48    | 2.16<br>8/17/48    | 2.16<br>8/17/48    | 2.16<br>8/17/48     | 2.85<br>8/28-29/50  |

\*Formerly Chasm Falls, New York

Station: WHITEHALL, NEW YORK

Drainage basin: LAKE CHAMPLAIN

County: WASHINGTON

Lat. 43° 33'N Long. 73° 24'W

Elev.(ft.) 119

Period of record: 1941-1950

| Month  |              | Duration (hours)             |                             |                              |                               |                    |                    |
|--------|--------------|------------------------------|-----------------------------|------------------------------|-------------------------------|--------------------|--------------------|
|        |              | 1                            | 2                           | 3                            | 6                             | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.29 <sup>E</sup><br>2/1948  | 0.53 <sup>E</sup><br>2/1948 | 0.70 <sup>E</sup><br>2/1948  | 1.09 <sup>E</sup><br>2/1948   | 1.43<br>2/1948     | 1.85<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.32<br>22/1945              | 0.45<br>22/1945             | 0.59<br>13-14/1948           | 0.97<br>13-14/1948            | 1.25<br>22/1945    | 1.40<br>21-22/1945 |
| Mar.   | Amt.<br>Date | 0.25 <sup>a</sup><br>17/1942 | 0.46<br>17/1942             | 0.61 <sup>a</sup><br>17/1942 | 0.93<br>21-22/1942            | 1.28<br>21-22/1942 | 1.34<br>21-22/1942 |
| Apr.   | Amt.<br>Date | 0.51<br>15/1949              | 0.63<br>15/1949             | 0.66<br>15/1949              | 0.94<br>25/1945               | 1.25<br>25/1945    | 1.41<br>24-25/1945 |
| May    | Amt.<br>Date | 0.83<br>29/1947              | 1.15<br>31/1944             | 1.37<br>31/1944              | 1.50<br>31/1944               | 1.50<br>31/1944    | 1.50<br>31/1944    |
| Jun.   | Amt.<br>Date | 1.01<br>2/1947               | 1.47<br>2/1947              | 1.66<br>2/1947               | 1.90<br>2-3/1947              | 2.97<br>2-3/1947   | 3.16<br>2-3/1947   |
| Jul.   | Amt.<br>Date | 1.37<br>25/1943              | 1.43<br>25/1943             | 1.50<br>25/1943              | 1.51<br>25/1943               | 1.53<br>4-5/1943   | 1.75<br>19-20/1945 |
| Aug.   | Amt.<br>Date | 1.28<br>14/1948              | 1.30<br>14/1948             | 1.32<br>14/1948              | 1.65<br>29/1949               | 2.57<br>29/1949    | 3.44<br>28-29/1949 |
| Sep.   | Amt.<br>Date | 0.70<br>2/1943               | 1.11<br>24/1946             | 1.23<br>24/1946              | 1.90<br>18-19/1945            | 1.96<br>18-19/1945 | 2.08<br>26-27/1942 |
| Oct.   | Amt.<br>Date | 0.43<br>27/1943              | 0.62<br>27/1943             | 0.71<br>27/1943              | 0.97<br>8/1948                | 1.36<br>26/1942    | 1.77<br>26-27/1943 |
| Nov.   | Amt.<br>Date | 0.44<br>20/1948              | 0.57<br>8/1943              | 0.82<br>26/1950              | 1.24<br>8/1943                | 1.62<br>8/1943     | 2.50<br>19-20/1948 |
| Dec.   | Amt.<br>Date | 0.27<br>24/1941              | 0.49<br>24/1941             | 0.64<br>24/1941              | 0.91<br>30-31/1948            | 1.50<br>30-31/1948 | 2.97<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.37<br>7/25/43              | 1.47<br>6/2/47              | 1.66<br>6/2/47               | 1.90 <sup>b</sup><br>6/2-3/47 | 2.97<br>6/2-3/47   | 3.44<br>8/28-29/49 |

<sup>a</sup>Also 27/1950.

<sup>b</sup>Also 9/18-19/45.

Station: WHITE PLAINS, NEW YORK

Drainage basin: COASTAL

County: WESTCHESTER

Lat. 41° 00'N Long. 73° 44'W

Elev.(ft.) 150

Period of record: 1944-1950

| Month  |              | Duration (hours)            |                              |                              |                              |                                 |                    |
|--------|--------------|-----------------------------|------------------------------|------------------------------|------------------------------|---------------------------------|--------------------|
|        |              | 1                           | 2                            | 3                            | 6                            | 12                              | 24                 |
| Jan.   | Amt.<br>Date | 0.24 <sup>a</sup><br>5/1949 | 0.45<br>21/1949              | 0.62<br>21/1949              | 0.95<br>21-22/1949           | 1.37<br>21-22/1949              | 1.77<br>5-6/1949   |
| Feb.   | Amt.<br>Date | 0.21<br>4/1947              | 0.39<br>4/1947               | 0.53<br>4/1947               | 0.80<br>4/1947               | 1.04<br>4/1947                  | 1.04<br>4/1947     |
| Mar.   | Amt.<br>Date | 0.49<br>20/1945             | 0.67<br>20/1945              | 0.80<br>20/1945              | 0.85<br>20-21/1945           | 1.09<br>20-21/1945              | 1.41<br>2-3/1947   |
| Apr.   | Amt.<br>Date | 0.53<br>1/1948              | 0.78<br>1/1948               | 1.02<br>25/1945              | 1.63<br>1/1948               | 1.95<br>25/1945                 | 2.29<br>25/1945    |
| May    | Amt.<br>Date | 0.80<br>26/1946             | 1.55<br>26/1946              | 1.70<br>26/1946              | 1.70<br>26/1946              | 2.24<br>27/1946                 | 4.00<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 1.22<br>21/1945             | 1.39<br>21/1945              | 1.47<br>21/1945              | 1.52<br>21/1945              | 1.66<br>2/1946                  | 2.14<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.37<br>17/1945             | 1.70<br>17/1945              | 1.94<br>17/1945              | 2.20<br>17-18/1945           | 2.59<br>17-18/1945              | 2.84<br>22-23/1946 |
| Aug.   | Amt.<br>Date | 0.96<br>20/1950             | 1.28<br>20/1950              | 1.31<br>20/1950              | 1.90<br>12/1948              | 3.19<br>6/1945                  | 3.19<br>6/1945     |
| Sep.   | Amt.<br>Date | 1.01<br>16/1947             | 1.70 <sup>E</sup><br>1/1944  | 2.55<br>1/1944               | 3.51 <sup>E</sup><br>14/1944 | 4.68<br>14/1944                 | 4.93<br>14/1944    |
| Oct.   | Amt.<br>Date | 0.52<br>8/1948              | 0.88<br>19/1947              | 1.04<br>8/1948               | 1.32<br>8/1948               | 1.40<br>8/1948                  | 1.44<br>8/1948     |
| Nov.   | Amt.<br>Date | 1.44<br>4/1950              | 2.12<br>4/1950               | 2.30<br>4-5/1950             | 2.35<br>4-5/1950             | 2.98 <sup>E</sup><br>11-12/1947 | 4.47<br>11-12/1946 |
| Dec.   | Amt.<br>Date | 0.33<br>26/1947             | 0.52 <sup>E</sup><br>25/1945 | 0.70 <sup>E</sup><br>25/1945 | 1.20 <sup>E</sup><br>25/1945 | 1.41<br>30-31/1948              | 2.45<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.44<br>11/4/50             | 2.12<br>11/4/50              | 2.55<br>9/1/44               | 3.51<br>9/14/44              | 4.68<br>9/14/44                 | 4.93<br>9/14/44    |

<sup>a</sup>Also 21/1949.



Station: WHITNEY POINT DAM, NEW YORK

Drainage basin: SUSQUEHANNA

County: BROOME

Lat. 42° 20' N Long. 75° 58' W

Elev.(ft.) 1050

Period of record: 1944-1950

| Month  |              | Duration (hours) |                 |                 |                    |                    |                    |
|--------|--------------|------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2               | 3               | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.14<br>2/1947   | 0.26<br>2/1947  | 0.36<br>2/1947  | 0.47a<br>1/1945    | 0.85<br>31-1/1945  | 1.06<br>31-1/1945  |
| Feb.   | Amt.<br>Date | 0.42<br>15/1945  | 0.52<br>15/1945 | 0.57<br>15/1945 | 0.72<br>22/1945    | 0.80<br>21-22/1945 | 1.18<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.33<br>8/1950   | 0.53<br>8/1950  | 0.59<br>8/1950  | 0.76<br>8-9/1946   | 0.85<br>8-9/1946   | 1.18<br>21-22/1948 |
| Apr.   | Amt.<br>Date | 0.37<br>24/1948  | 0.60<br>19/1950 | 0.74<br>19/1950 | 1.22<br>19-20/1950 | 1.39<br>19-20/1950 | 1.51<br>4-5/1947   |
| May    | Amt.<br>Date | 0.93<br>29/1947  | 1.13<br>29/1947 | 1.23<br>29/1947 | 1.27<br>29/1947    | 1.28<br>7/1944     | 2.48<br>7/1944     |
| Jun.   | Amt.<br>Date | 0.81<br>2/1947   | 1.50<br>24/1950 | 1.63<br>24/1950 | 1.74<br>24/1950    | 1.74<br>24/1950    | 1.74<br>24/1950    |
| Jul.   | Amt.<br>Date | 0.90<br>15/1947  | 1.36<br>1/1946  | 1.40<br>1/1946  | 1.55<br>1/1946     | 1.77<br>1-2/1946   | 1.77<br>1-2/1946   |
| Aug.   | Amt.<br>Date | 1.35<br>16/1947  | 1.72<br>16/1947 | 1.92<br>16/1947 | 2.75<br>16/1947    | 2.79<br>16/1947    | 3.12<br>15-16/1947 |
| Sep.   | Amt.<br>Date | 0.45<br>18/1949  | 0.70<br>18/1945 | 0.89<br>18/1945 | 1.20<br>18/1945    | 1.43<br>18/1945    | 1.64<br>17-18/1945 |
| Oct.   | Amt.<br>Date | 0.50<br>12/1946  | 0.67<br>12/1946 | 0.84<br>12/1946 | 1.11<br>14/1944    | 1.31<br>14/1944    | 1.49<br>13-14/1944 |
| Nov.   | Amt.<br>Date | 0.51<br>6/1948   | 0.70<br>8/1947  | 0.88<br>8/1947  | 1.25<br>8/1947     | 1.46E<br>25/1950   | 2.91<br>25/1950    |
| Dec.   | Amt.<br>Date | 0.35<br>8/1944   | 0.50<br>8/1944  | 0.58<br>8/1944  | 0.70<br>8/1944     | 0.85<br>31-1/1944  | 1.06<br>31-1/1944  |
| Annual | Amt.<br>Date | 1.35<br>8/16/47  | 1.72<br>8/16/47 | 1.92<br>8/16/47 | 2.75<br>8/16/47    | 2.79<br>8/16/47    | 3.12<br>8/15-16/47 |

<sup>a</sup>Also 2/1947.



Station: WOODLAND, NEW YORK

Drainage basin: HUDSON

County: WESTCHESTER

Lat. 41° 01'N Long. 73° 51'W

Elev.(ft.) 140

Period of record: 1944-1950

| Month  |              | Duration (hours) |                  |                    |                    |                    |                    |
|--------|--------------|------------------|------------------|--------------------|--------------------|--------------------|--------------------|
|        |              | 1                | 2                | 3                  | 6                  | 12                 | 24                 |
| Jan.   | Amt.<br>Date | 0.24<br>21/1949  | 0.44<br>21/1949  | 0.62<br>21/1949    | 0.95<br>21-22/1949 | 1.40<br>21-22/1949 | 1.67<br>31-1/1949  |
| Feb.   | Amt.<br>Date | 0.23<br>19/1946  | 0.43<br>19/1946  | 0.63<br>19-20/1946 | 1.03<br>19-20/1946 | 1.35<br>19-20/1946 | 1.45<br>13-14/1950 |
| Mar.   | Amt.<br>Date | 0.43<br>31/1945  | 0.74<br>31/1945  | 0.75<br>31/1945    | 0.82<br>26/1946    | 0.96E<br>2-3/1947  | 1.63E<br>2-3/1947  |
| Apr.   | Amt.<br>Date | 0.53<br>1/1948   | 0.87<br>1/1948   | 1.00<br>1/1948     | 1.50<br>1/1948     | 1.76<br>5/1947     | 1.87<br>5/1947     |
| May    | Amt.<br>Date | 1.14<br>17/1946  | 1.65a<br>17/1946 | 2.40<br>26/1946    | 2.61<br>26/1946    | 2.61<br>26/1946    | 4.98<br>26-27/1946 |
| Jun.   | Amt.<br>Date | 0.68b<br>20/1947 | 0.94<br>7/1948   | 1.04<br>7/1948     | 1.21<br>8/1947     | 1.81<br>2/1946     | 2.25<br>1-2/1946   |
| Jul.   | Amt.<br>Date | 1.02<br>23/1946  | 1.33<br>10/1950  | 1.81<br>23/1946    | 2.09<br>10/1950    | 2.60<br>23/1946    | 3.47<br>22-23/1946 |
| Aug.   | Amt.<br>Date | 1.06<br>14/1947  | 1.34<br>29/1946  | 1.41<br>29/1946    | 1.53<br>6/1945     | 2.20<br>6/1945     | 2.20<br>6/1945     |
| Sep.   | Amt.<br>Date | 1.53<br>24/1946  | 2.73<br>24/1946  | 2.88<br>14/1944    | 3.96<br>14/1944    | 3.99<br>14/1944    | 4.21<br>14/1944    |
| Oct.   | Amt.<br>Date | 0.79<br>19/1947  | 0.81<br>19/1947  | 0.96<br>8/1948     | 1.04<br>8/1948     | 1.20<br>20-21/1944 | 1.55<br>20-21/1944 |
| Nov.   | Amt.<br>Date | 0.84<br>8/1947   | 1.37<br>8/1947   | 1.62<br>8/1947     | 2.29<br>8/1947     | 2.69<br>8/1947     | 2.70<br>8/1947     |
| Dec.   | Amt.<br>Date | 0.61E<br>26/1947 | 1.14E<br>26/1947 | 1.36E<br>26/1947   | 1.98E<br>26/1947   | 2.37<br>26/1947    | 2.57<br>30-31/1948 |
| Annual | Amt.<br>Date | 1.53<br>9/24/46  | 2.73<br>9/24/46  | 2.88<br>9/14/44    | 3.96<br>9/14/44    | 3.99<br>9/14/44    | 4.98<br>5/26-27/46 |

<sup>a</sup>Also 26/1946.

<sup>b</sup>Also 7/1948.

Station: WORCESTER, NEW YORK

Drainage basin: SUSQUEHANNA

County: OTSEGO

Lat. 42° 37'N Long. 74° 42'W

Elev.(ft.) 1700E

Period of record: 1940-1944

| Month  |              | Duration (hours) |                    |                    |                     |                     |                     |
|--------|--------------|------------------|--------------------|--------------------|---------------------|---------------------|---------------------|
|        |              | 1                | 2                  | 3                  | 6                   | 12                  | 24                  |
| Jan.   | Amt.<br>Date | 0.20<br>6/1944   | 0.25E<br>19/1943   | 0.37E<br>19/1943   | 0.59<br>19/1943     | 0.69<br>19/1943     | 0.74<br>18-19/1943  |
| Feb.   | Amt.<br>Date | 0.16<br>7/1941   | 0.30<br>7/1941     | 0.42<br>7/1941     | 0.65<br>7/1941      | 0.82<br>14/1940     | 1.08<br>14/1940     |
| Mar.   | Amt.<br>Date | 0.53<br>16/1942  | 0.71<br>16/1942    | 0.96<br>16/1942    | 1.39<br>16-17/1942  | 1.62<br>16-17/1942  | 1.70<br>30-31/1940  |
| Apr.   | Amt.<br>Date | 0.21<br>27/1943  | 0.42<br>27/1943    | 0.45<br>30/1943    | 0.59<br>19/1943     | 0.83<br>20/1940     | 1.41<br>20-21/1940  |
| May    | Amt.<br>Date | 0.66<br>22/1944  | 0.72<br>22/1944    | 0.96<br>22-23/1942 | 1.34E<br>22-23/1942 | 1.57E<br>22-23/1942 | 2.03E<br>22-23/1942 |
| Jun.   | Amt.<br>Date | 0.72<br>14/1942  | 0.95<br>14/1942    | 1.12<br>14/1942    | 1.80<br>14/1942     | 2.13<br>14/1942     | 2.79<br>13-14/1942  |
| Jul.   | Amt.<br>Date | 1.43<br>31/1942  | 1.97<br>31/1942    | 2.09<br>31/1942    | 2.09<br>13/1942     | 2.52<br>31/1942     | 2.52<br>31/1942     |
| Aug.   | Amt.<br>Date | 1.22<br>17/1944  | 1.62<br>17/1944    | 1.86<br>17/1944    | 1.86<br>17/1944     | 1.88<br>17/1944     | 2.42<br>31-1/1940   |
| Sep.   | Amt.<br>Date | 0.54<br>21/1940  | 0.58<br>24-25/1940 | 0.70<br>24-25/1940 | 0.85<br>24-25/1940  | 1.08<br>31-1/1940   | 2.42<br>31-1/1940   |
| Oct.   | Amt.<br>Date | 0.46<br>7/1940   | 0.64<br>7/1940     | 0.79<br>7/1940     | 0.99<br>7-8/1940    | 1.63<br>26-27/1943  | 1.89<br>26-27/1943  |
| Nov.   | Amt.<br>Date | 0.42<br>8/1943   | 0.61<br>8/1943     | 0.75<br>8/1943     | 1.05<br>8/1943      | 1.26<br>8/1943      | 1.71<br>8-9/1943    |
| Dec.   | Amt.<br>Date | 0.32<br>24/1941  | 0.47<br>29/1940    | 0.54<br>27/1942    | 1.00<br>27-28/1942  | 1.60<br>27-28/1942  | 2.05<br>29-30/1942  |
| Annual | Amt.<br>Date | 1.43<br>7/31/42  | 1.97<br>7/31/42    | 2.09<br>7/31/42    | 2.09<br>7/31/42     | 2.52<br>7/31/42     | 2.79<br>6/13-14/42  |