

CHARLES SAWYER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

TECHNICAL PAPER NO. 15

Maximum Station Precipitation for

1, 2, 3, 6, 12, and 24 Hours

Part II: Idaho

DIVISION OF CLIMATOLOGICAL AND HYDROLOGIC SERVICES

COOPERATIVE STUDIES SECTION

In cooperation with

U. S. DEPARTMENT OF THE INTERIOR, BUREAU OF RECLAMATION



WASHINGTON, D. C.

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

INTRODUCTION

This report, which is one of a planned series covering the entire United States, was prompted by the long-standing and widespread interest in maximum observed precipitation amounts for durations of 24 hours and under. At least two summaries of this type of data have already been prepared¹. Neither summary involved more than a couple of hundred stations throughout the United States, and no attempt was made to determine the month-to-month variation of the maximum values. Eventually, the records for some 3000 recording gages in the United States will have been examined for maximum amounts. The survey for the eastern half of the country is being conducted by the Hydrometeorological Section in cooperation with the Corps of Engineers and that for the western half by the Cooperative Studies Section in cooperation with the Bureau of Reclamation. Sources of data are (1) Hydrologic Bulletin, (2) Climatological Data, (3) WB Form 1009, Cooperative Observers Meteorological Record, (4) WB Form 1017, triple-register sheet, and (5) WB Form 1030, Monthly Climatological Summary.

All precipitation amounts presented in the tabulations are in inches.

The station names and locations shown on the index map (p. 3) are those listed in Climatological Data for December 1949. 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 10 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 1950. For comparative purposes, two sets of maxima were obtained from these long records, one for the period 1940-1949 and the other for the period from the installation of the tipping-bucket gage through 1949. Records for stations in operation less than 5 years were not used unless the stations were active through 1949, 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 "with 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, 1943-1949, 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 and are identified in the tables by the letter "N". Such maxima appear quite frequently in the 24-hour column but only occasionally in the 6- and 12-hour columns since the catch is measured at 24-hour intervals for most nonrecording gages and at 6 or 12-hour intervals for only a few.

The time intervals used in most of the survey and tabulations begin 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 at several scattered stations. 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, and 24-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 the letter "T" in the tabulations.

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.

The dates shown in the tabulations refer to the

beginnings of the periods of maximum precipitation. Hence, the period of maximum precipitation may actually extend into the day following the given date.

Estimates of maximum amounts, indicated by the letter 'E' in the tabulations, were required whenever either or both of the following conditions prevailed:

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

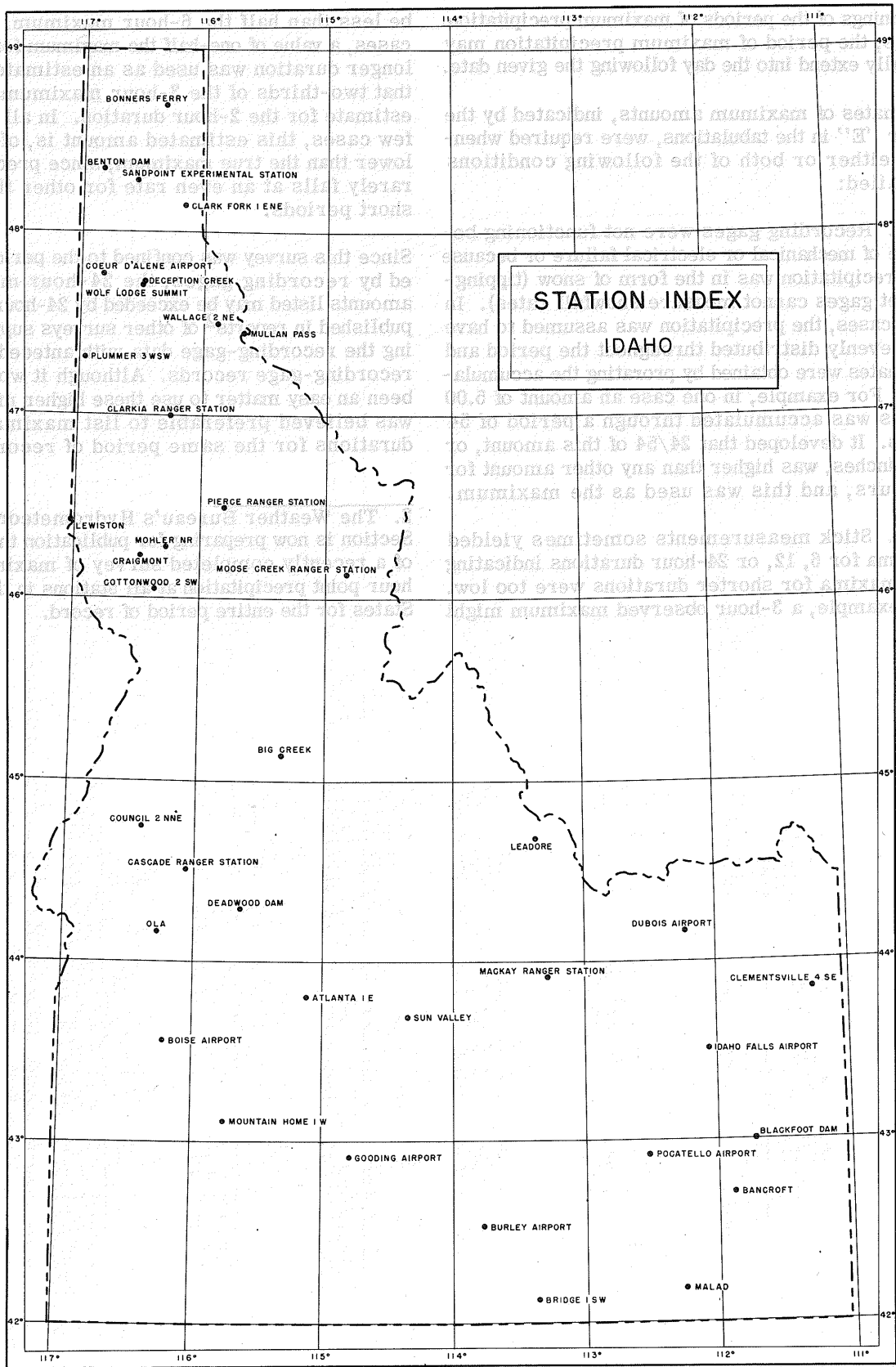
2. Stick measurements sometimes yielded maxima for 6, 12, or 24-hour durations indicating that maxima for shorter durations were too low. For example, a 3-hour observed maximum might

be less than half the 6-hour maximum. In such cases, a value of one-half the maximum for the next longer duration was used as an estimate, except that two-thirds of the 3-hour maximum was the estimate for the 2-hour duration. In all but very few cases, this estimated amount is, of course, lower than the true maximum, since precipitation rarely falls at an even rate for other than very short periods.

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

2. The Weather Bureau's Hydrometeorological Section is now preparing for publication the results of a recently completed survey of maximum 24-hour point precipitation at all stations in the United States for the entire period of record.





Station: BANCROFT, IDAHO

Drainage basin: SNAKE

County: BANNOCK

Lat. 42° 43' N Long. 111° 54' W

Elev.(ft.) 5285

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.15 22/1943	0.21 22/1943	0.28 21/1943	0.30 20/1943	0.41 20/1943	0.81 20/1943
Feb.	Amt. Date	0.15 8/1949	0.29 8/1949	0.39 7/1949	0.62 7/1949	0.79 7/1949	1.00 7/1949
Mar.	Amt. Date	0.10a 20/1941	0.18 26/1945	0.22 26/1945	0.27 1/1941	0.38 1/1941	0.54 3/1945
Apr.	Amt. Date	0.35 4/1942	0.42 4/1942	0.43 4/1942	0.70 4/1942	1.05 3/1941	1.57 3/1941
May	Amt. Date	0.23 31/1944	0.28b 31/1944	0.38 8/1946	0.52 16/1945	0.59c 16/1945	0.71 11/1947
Jun.	Amt. Date	0.38 3/1941	0.69 3/1941	0.75d 30/1940	1.00 30/1940	1.00 30/1940	1.19 21/1948
Jul.	Amt. Date	0.47 21/1943	0.80 21/1943	0.89 21/1943	0.90 21/1943	1.13 21/1943	1.22 21/1943
Aug.	Amt. Date	0.44 1/1945	0.49 1/1945	0.55 1/1945	0.61 1/1945	0.61 1/1945	0.85 22/1946
Sep.	Amt. Date	0.20 18/1940	0.37 18/1940	0.50 18/1940	0.74 12/1942	1.02 12/1942	1.92 17/1947
Oct.	Amt. Date	0.18 17/1949	0.35 17/1949	0.40 17/1949	0.64 17/1949	0.91 27/1946	1.21 27/1946
Nov.	Amt. Date	0.23 20/1946	0.29 20/1946	0.33 20/1946	0.38 20/1946	0.54E 10/1944	1.08 10/1944
Dec.	Amt. Date	0.23 24/1940	0.45 24/1940	0.45 24/1940	0.45 24/1940	0.49 23/1940	0.69 23/1940
Annual	Amt. Date	0.47 7/21/1943	0.80 7/21/1943	1.00 6/30/1940	1.00 6/30/1940	1.13 7/21/1943	1.92 9/17/1947

(a) Also on 3/3/1945 (b) Also on 5/8/1946 (c) Also on 5/11/1947
 (d) Prorated from 1.00 in. in 4 hours

Station: BENTON DAM, IDAHO

Drainage basin: PEND OREILLE

County: BONNER

Lat. 48° 21' N Long. 116° 50' W

Elev.(ft.) 2640

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. 0.17 Date 13/1945	0.27 13/1945	0.35 13/1945	0.54 13/1945	0.79 1/1948	1.00 5/1948	
Feb.	Amt. 0.20 Date 14/1948	0.30 14/1948	0.40 14/1948	0.58 10/1949	0.98 10/1949	1.52 9/1949	
Mar.	Amt. 0.17 Date 26/1949	0.25a 17/1945	0.30b 20/1945	0.55 9/1945	0.94 9/1945	1.15 9/1945	
Apr.	Amt. 0.25 Date 28/1949	0.40 28/1949	0.41 28/1949	0.52 28/1949	0.78 12/1944	1.02 10/1946	
May	Amt. 0.25 Date 12/1948	0.45c 12/1948	0.65 12/1948	0.90 12/1948	1.12 17/1941	1.62 16/1941	
Jun.	Amt. 0.90 Date 9/1948	0.95 9/1948	0.95 9/1948	0.95 9/1948	1.36 5/1946	1.37 5/1946	
Jul.	Amt. 0.69 Date 14/1942	0.94 18/1948	0.94 18/1948	1.25 5/1948	1.38 5/1948	1.38 5/1948	
Aug.	Amt. 0.25 Date 21/1943	0.37 21/1943	0.40 21/1943	0.53 22/1947	0.82 22/1947	0.90 22/1947	
Sep.	Amt. 0.81 Date 9/1942	0.85 9/1942	0.86 9/1942	0.90 9/1942	1.14 20/1945	1.73 19/1945	
Oct.	Amt. 0.20 Date 27/1942	0.33 4/1949	0.45 4/1949	0.80 4/1949	1.25 4/1949	1.65 24/1943	
Nov.	Amt. 0.27 Date 14/1942	0.47 14/1942	0.60 14/1942	0.95 13/1941	1.36 13/1941	2.04 17/1946	
Dec.	Amt. 0.27 Date 23/1949	0.46 23/1949	0.69 23/1949	1.19 23/1949	1.63 23/1943	1.93 2/1941	
Annual	Amt. 0.90 Date 6/9/1948	0.95 6/9/1948	0.95 6/9/1948	1.25 7/5/1948	1.63 12/23/1949	2.04 11/17/1946	

(a) Also on 3/26/1949 and 3/30/1947 (b) Also on 3/17/1945 and 3/8/1949

(c) Also on 5/30/1941 and 3/30/1947

Station: BIG CREEK, IDAHO

Drainage basin: SALMON

County: VALLEY

Lat. 45° 08' N Long. 115° 20' W

Elev.(ft.) 5737

Period of record: 1942-1949 (with breaks)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.13 21/1943	0.25 21/1943	0.35 21/1943	0.67 21/1943	1.07 21/1943	1.58 21/1943	
Feb.	0.10 2/1945	0.15 2/1945	0.20 2/1945	0.36 2/1945	0.47 2/1945	0.67 7/1945	
Mar.	0.14 30/1946	0.19 26/1943	0.25 26/1943	0.30 26/1943	0.44 13/1943	0.58 13/1943	
Apr.	0.09 14/1942	0.14a 28/1942	0.19a 28/1942	0.30 28/1943	0.50 20/1943	0.60 20/1943	
May	0.15b 3/1943	0.27 8/1946	0.40 8/1946	0.68 8/1946	0.76 7/1946	1.13 1/1949	
Jun.	0.30 11/1944	0.55 11/1944	0.78 11/1944	0.89 11/1944	0.92 11/1944	1.24 11/1944	
Jul.	0.39 30/1946	0.41 9/1944	0.42c 30/1946	0.62 8/1946	0.75 8/1946	1.00N 10/1944	
Aug.	0.41 28/1946	0.44 28/1946	0.44 28/1946	0.44d 28/1946	0.62Ee 22/1947	0.75 22/1947	
Sep.	0.31 1/1944	0.44 1/1944	0.45 1/1944	0.47 1/1944	0.62 1/1944	0.68 1/1944	
Oct.	0.25 10/1943	0.35 10/1943	0.37 28/1943	0.51f 28/1943	0.73 10/1943	0.97 10/1943	
Nov.	0.20 24/1942	0.36 14/1942	0.47 14/1942	0.64 14/1942	0.87 23/1942	1.06 13/1941	
Dec.	0.24 3/1941	0.40 2/1941	0.59 2/1941	1.01 2/1941	1.69 2/1941	2.59 2/1941	
Annual	0.41 8/28/1946	0.55 6/11/1944	0.78 6/11/1944	1.01 12/2/1941	1.69 12/2/1941	2.59 12/2/1941	

- (a) Also on 4/14/1942 (b) Also on 5/22/1946 and 5/26/1946
(c) Also on 7/9/1944 (d) Also on 8/23/1946 and 8/22/1947
(e) Prorated from 0.72 in. in 14 hours (f) Also on 10/10/1943

Station: BLACKFOOT DAM, IDAHO

Drainage basin: SNAKE

County: CARIBOU

Lat. 43° 00' N Long. 111° 43' W

Elev.(ft.) 6200

Period of record: 1941-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. 0.14 Date 2/1944	0.20 2/1944	0.24 2/1944	0.46 8/1942	0.68 7/1942	0.87 7/1942	
Feb.	Amt. 0.18 Date 22/1948	0.32 22/1948	0.37 22/1948	0.37 22/1948	0.52 4/1942	0.67 21/1948	
Mar.	Amt. 0.38 Date 14/1942	0.67 14/1942	0.76 14/1942	0.91 14/1942	1.02 13/1942	1.05 13/1942	
Apr.	Amt. 0.16 Date 4/1942	0.25 4/1942	0.35 4/1942	0.64 4/1942	1.01 4/1942	1.14 4/1942	
May	Amt. 0.42 Date 27/1947	0.42 27/1947	0.43 16/1945	0.65 16/1945	0.72 11/1947	1.20 11/1947	
Jun.	Amt. 0.60 Date 5/1945	0.70 5/1945	0.70 5/1945	0.71 5/1945	0.90 5/1945	1.14 21/1948	
Jul.	Amt. 0.23a Date 21/1945	0.32 20/1944	0.40 21/1945	0.40 21/1945	0.40 21/1945	0.55 4/1949	
Aug.	Amt. 0.70 Date 23/1946	0.85 23/1946	0.91 23/1946	0.92 23/1946	1.03 23/1946	1.24 22/1946	
Sep.	Amt. 0.48 Date 5/1945	0.73 5/1945	0.73 5/1945	0.88 21/1945	1.05 21/1945	1.23 20/1945	
Oct.	Amt. 0.21b Date 1/1946	0.30 17/1945	0.45 17/1949	0.65 17/1949	0.85 17/1949	1.02 17/1949	
Nov.	Amt. 0.19 Date 5/1943	0.23 10/1947	0.30 10/1947	0.49 18/1942	0.59c 18/1942	1.04 18/1942	
Dec.	Amt. 0.14 Date 22/1944	0.25 22/1944	0.29 22/1944	0.35d 22/1944	0.50 22/1944	0.58 22/1944	
Annual	Amt. 0.70 Date 8/23/1946	0.85 8/23/1946	0.91 8/23/1946	0.92 8/23/1946	1.05 9/21/1945	1.24 8/22/1946	

(a) Also on 7/9/1947
(d) Also on 12/4/1941

(b) Also on 10/17/1949

(c) Also on 11/17/1942

Station: BOISE AIRPORT, IDAHO

Drainage basin: BOISE

County: ADA

Lat. 43° 34' N Long. 116° 13' W

Elev. (ft.) 2844

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.14T 2/1940	0.19T 2/1940	0.25 2/1940	0.30a 2/1940	0.34 14/1941	0.53T 2/1940
Feb.	Amt. Date	0.19T 21/1946	0.21T 14/1949	0.28 14/1949	0.48 14/1949	0.74 14/1949	0.82T 14/1949
Mar.	Amt. Date	0.37T 31/1940	0.53T 31/1940	0.57 31/1940	0.70 31/1940	0.75 31/1940	1.12T 7/1943
Apr.	Amt. Date	0.28T 28/1940	0.40T 11/1944	0.51 11/1944	0.77 11/1944	0.78 11/1944	0.79T 11/1944
May	Amt. Date	0.49T 22/1942	0.65T 23/1942	0.78 23/1942	0.86 23/1942	1.12 23/1942	1.51T 22/1942
Jun.	Amt. Date	0.51T 27/1941	0.55T 6/1941	0.62 6/1941	0.84 6/1941	1.11 6/1941	1.45T 6/1941
Jul.	Amt. Date	0.15T 3/1940	0.22T 3/1940	0.23 3/1940	0.23 3/1940	0.23 3/1940	0.23T 3/1940
Aug.	Amt. Date	0.17T 11/1941	0.21T 11/1941	0.22 11/1941	0.26 11/1941	0.36 11/1941	0.40T 11/1941
Sep.	Amt. Date	0.27T 9/1940	0.35T 17/1947	0.42 16/1947	0.43 16/1947	0.43 16/1947	0.43T 16/1947
Oct.	Amt. Date	0.36T 5/1949	0.49T 30/1945	0.50 30/1945	0.53 24/1940	0.57 24/1940	0.76T 9/1947
Nov.	Amt. Date	0.19T 18/1942	0.23T 2/1940	0.31 1/1940	0.36 23/1949	0.49 23/1949	0.60T 19/1946
Dec.	Amt. Date	0.14T 23/1945	0.20T 11/1948	0.26 11/1948	0.35 11/1948	0.52 27/1945	0.73T 10/1948
Annual	Amt. Date	0.51T 6/27/1941	0.65T 5/23/1942	0.78 5/23/1942	0.86 5/23/1942	1.12 5/23/1942	1.51T 5/22/1942

(a) Also on 1/16/1941

Station: BOISE AIRPORT, IDAHO*

Drainage basin: BOISE

County: ADA

Lat. 43° 34' N Long. 116° 13' W

Elev.(ft.) 2844

Period of record: 1898-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20T 15/1927	0.31T 15/1927	0.33T 15/1927	0.45a 25/1911	0.72 21/1903	1.36T 21/1903
Feb.	Amt. Date	0.30T 27/1902	0.43T 27/1902	0.58 27/1902	0.63 27/1902	1.08 25/1930	1.32T 1/1916
Mar.	Amt. Date	0.44T 18/1931	0.56T 29/1904	0.77 29/1904	1.36 29/1904	1.86 29/1904	2.46T 28/1904
Apr.	Amt. Date	0.39bT 25/1900	0.54T 14/1930	0.61 28/1917	0.94 27/1917	1.03 27/1917	1.27T 12/1912
May	Amt. Date	0.71T 18/1921	0.73T 18/1921	0.78 23/1942	0.86c 23/1942	1.28 15/1911	1.65T 15/1911
Jun.	Amt. Date	0.69T 18/1916	0.79T 18/1916	0.79 18/1916	1.15 14/1925	1.30 14/1925	1.50T 3/1908
Jul.	Amt. Date	0.98T 30/1912	1.16T 30/1912	1.22 30/1912	1.26 30/1912	1.27 30/1912	1.27T 30/1912
Aug.	Amt. Date	0.32T 28/1922	0.39T 9/1930	0.45 9/1930	0.73 9/1930	0.74 9/1930	0.74T 9/1930
Sep.	Amt. Date	0.39T 27/1927	0.52T 27/1927	0.59 7/1908	0.65 7/1908	1.22 22/1918	1.31T 22/1918
Oct.	Amt. Date	0.61T 3/1901	0.75T 3/1901	0.75 3/1901	0.98 4/1923	1.32 27/1912	1.53T 27/1912
Nov.	Amt. Date	0.24T 12/1899	0.33T 30/1921	0.39T 30/1921	0.51 12/1899	0.68 3/1938	1.10T 3/1938
Dec.	Amt. Date	0.24dT 3/1910	0.33T 3/1910	0.38 3/1910	0.43 13/1917	0.68 12/1917	1.19T 29/1924
Annual	Amt. Date	0.98T 7/30/1912	1.16T 7/30/1912	1.22 7/30/1912	1.36 3/29/1904	1.86 3/29/1904	2.46T 3/28/1904

(a) Also on 1/21/1903

(b) Also on 4/14/1930

(c) Also on 5/11/1900

(d) Also on 12/1/1921

(*) Prior to July 1939 observations were made at city office, 4 miles NNE of Airport

Station: BONNERS FERRY, IDAHO

Drainage basin: KOOTENAY

County: BOUNDARY

Lat. 48° 42' N Long. 116° 18' W

Elev.(ft.) 1842

Period of record: 1941-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.15 13/1945	0.29 13/1945	0.39 13/1945	0.51 13/1945	0.61 5/1948	0.85a 19/1943
Feb.	Amt. Date	0.15 16/1949	0.25 16/1949	0.34 16/1949	0.48 16/1949	0.80 10/1949	1.14 21/1949
Mar.	Amt. Date	0.13 20/1943	0.16 20/1943	0.25 10/1945	0.41 10/1945	0.62 9/1945	0.67 9/1945
Apr.	Amt. Date	0.14 6/1946	0.19 6/1946	0.25 6/1946	0.39 8/1943	0.50 8/1943	0.68 8/1943
May	Amt. Date	0.51 25/1942	0.59 25/1942	0.62 25/1942	0.76 11/1942	1.00 11/1942	1.17 11/1942
Jun.	Amt. Date	0.25 14/1946	0.43 9/1948	0.51 9/1948	0.59 9/1948	0.81 25/1942	1.04 25/1942
Jul.	Amt. Date	0.22 27/1942	0.28 28/1942	0.33 28/1942	0.46 27/1942	0.75 27/1942	0.87 27/1948
Aug.	Amt. Date	0.18 1/1942	0.29 1/1942	0.35 1/1942	0.49 22/1947	0.86 22/1947	0.96 22/1947
Sep.	Amt. Date	0.28 9/1942	0.30b 9/1942	0.40 16/1947	0.71 16/1947	1.00 16/1947	1.04 16/1947
Oct.	Amt. Date	0.17c 4/1949	0.32 4/1949	0.44 4/1949	0.75 4/1949	0.97 18/1947	1.31N 15/1947
Nov.	Amt. Date	0.36 2/1942	0.43 2/1942	0.55d 13/1941	1.06 18/1946	1.76 18/1946	2.63 17/1946
Dec.	Amt. Date	0.15 2/1941	0.26 2/1941	0.36 23/1949	0.65 2/1941	1.00 2/1941	1.60 2/1941
Annual	Amt. Date	0.51 5/25/1942	0.59 5/25/1942	0.62 5/25/1942	1.06 11/18/1946	1.76 11/18/1946	2.63 11/17/1946

(a) 25-hour accumulation (b) Also on 9/16/1947 (c) Also on 10/4/1947
 (d) Also on 11/18/1946

Station: BRIDGE 1 SW, IDAHO

Drainage basin: SNAKE

County: CASSIA

Lat. 42° 08' N Long. 113° 21' W

Elev.(ft.) 4700

Period of record: 1943-1949

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.15 23/1944	0.22 23/1944	0.25 23/1944	0.31 2/1944	0.39 2/1944	0.41 2/1944	
Feb.	0.05 21/1944	0.10 21/1944	0.12 21/1944	0.12 21/1944	0.17E 11/1948	0.34Ea 11/1948	
Mar.	0.12 3/1945	0.19 3/1945	0.24 3/1945	0.27 3/1945	0.30 20/1946	0.33 3/1945	
Apr.	0.13 24/1944	0.19 8/1944	0.26 8/1944	0.42 8/1944	0.73 8/1944	0.92 8/1944	
May	0.25b 27/1946	0.45 27/1946	0.65 27/1946	0.79 27/1946	1.18 27/1946	1.30 27/1946	
Jun.	0.26c 12/1944	0.35 26/1944	0.47 26/1944	0.76 26/1944	0.79 26/1944	0.81 26/1944	
Jul.	0.55 23/1946	0.55 23/1946	0.55 23/1946	0.55 23/1946	0.55d 23/1946	0.60 23/1943	
Aug.	0.40 3/1949	0.62 19/1945	0.62 19/1945	0.62 19/1945	0.88 19/1945	0.91 19/1945	
Sep.	0.21 30/1946	0.40 30/1946	0.50 30/1946	0.68 30/1946	0.75 30/1946	0.75 30/1946	
Oct.	0.17 16/1945	0.25 16/1945	0.25 16/1945	0.40 16/1945	0.44 31/1947	0.80 18/1949	
Nov.	0.14 2/1947	0.22 2/1947	0.24 2/1947	0.38 11/1944	0.57 11/1944	0.83 11/1944	
Dec.	0.15 26/1945	0.18 26/1945	0.20 26/1945	0.23 25/1945	0.31 25/1945	0.35 25/1945	
Annual	0.55 7/23/1946	0.62 8/19/1945	0.65 5/27/1946	0.79 5/27/1946	1.18 5/27/1946	1.30 5/27/1946	

(a) Prorated from 0.43 in. in 31 hours (b) Also on 5/16/1949
 (c) Also on 6/1/1947 and 6/7/1947 (d) Also on 7/23/1943

Station: BURLEY AIRPORT, IDAHO

Drainage basin: SNAKE

County: CASSIA

Lat. 42° 32' N Long. 113° 46' W

Elev.(ft.) 4157

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.12 25/1942	0.19 25/1942	0.23 25/1942	0.27 25/1942	0.34 24/1942	0.58 14/1949
Feb.	Amt. Date	0.13 24/1946	0.18 2/1945	0.25 2/1945	0.39a 2/1945	0.49b 6/1949	0.72 6/1949
Mar.	Amt. Date	0.20 13/1946	0.35 13/1946	0.48 13/1946	0.53 13/1946	0.84 13/1946	1.15 12/1946
Apr.	Amt. Date	0.21c 4/1942	0.40 4/1942	0.47 4/1942	0.61 4/1942	0.80 4/1942	0.87 3/1942
May	Amt. Date	0.40 22/1946	0.45 22/1946	0.55 22/1946	0.69 12/1942	0.90 12/1942	1.20N 12/1942
Jun.	Amt. Date	0.35 8/1944	0.55 8/1944	0.68 8/1944	0.96 8/1944	1.59 8/1944	1.66N 8/1944
Jul.	Amt. Date	0.34 26/1941	0.39 26/1941	0.39 26/1941	0.39 26/1941	0.39 26/1941	0.39 26/1941
Aug.	Amt. Date	0.29 23/1949	0.31 23/1949	0.33 23/1949	0.36 23/1949	0.38 23/1949	0.41 22/1949
Sep.	Amt. Date	0.22 18/1948	0.28 25/1948	0.31d 25/1948	0.41 29/1940	0.71 29/1940	0.71 29/1940
Oct.	Amt. Date	0.17 1/1946	0.32 1/1946	0.43 1/1946	0.50 1/1946	0.60 1/1946	0.93N 18/1943
Nov.	Amt. Date	0.24 20/1946	0.33 10/1944	0.44 10/1944	0.58 10/1944	0.61E 12/1944	1.21N 12/1944
Dec.	Amt. Date	0.13e 16/1941	0.23 23/1942	0.32 1/1947	0.51 1/1947	0.59 1/1947	0.68 1/1947
Annual	Amt. Date	0.40 5/22/1946	0.55 6/8/1944	0.68 6/8/1944	0.96 6/8/1944	1.59 6/8/1944	1.66N 6/8/1944

(a) Also on 2/4/1949 (b) 13-hour accumulation (c) Also on 4/24/1944
 (d) Also on 9/21/1945 (e) Also on 12/24/1942

Station: CASCADE RANGER STATION, IDAHO

Drainage basin: PAYETTE

County: VALLEY

Lat. 44° 31' N Long. 116° 03' W

Elev.(ft.) 4740

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.59 2/1948	0.79 2/1948	0.89 2/1948	0.95 2/1948	0.95 2/1948	1.74 1/1948
Feb.	Amt. Date	0.25 14/1949	0.49 14/1949	0.59 14/1949	0.80 14/1949	0.90 14/1949	1.41 6/1946
Mar.	Amt. Date	0.13 4/1944	0.21 4/1944	0.29 4/1944	0.41 4/1944	0.51 4/1944	0.71 4/1944
Apr.	Amt. Date	0.16a 13/1943	0.24 5/1941	0.29 5/1941	0.38 5/1941	0.70 5/1941	0.80 5/1941
May	Amt. Date	0.51 23/1942	0.81 23/1942	1.05 23/1942	1.30 23/1942	1.33 23/1942	1.37 23/1942
Jun.	Amt. Date	0.30 3/1947	0.39 3/1947	0.49 5/1945	0.76 4/1945	1.15 4/1945	1.33 4/1945
Jul.	Amt. Date	0.33 30/1946	0.44E 30/1946	0.65 30/1946	0.65 30/1946	0.70 30/1946	0.70 30/1946
Aug.	Amt. Date	0.11b 7/1945	0.19 7/1945	0.24 7/1945	0.29 7/1945	0.39 11/1941	0.43 11/1941
Sep.	Amt. Date	0.47 12/1940	0.60 12/1940	0.61 12/1940	0.70 12/1940	0.75 12/1940	1.08 12/1940
Oct.	Amt. Date	0.18c 16/1947	0.33 16/1947	0.44 16/1947	0.83 16/1947	1.51 15/1947	2.08 15/1947
Nov.	Amt. Date	0.21 14/1942	0.34d 14/1942	0.43e 14/1942	0.73 14/1942	1.20 14/1942	1.45 14/1942
Dec.	Amt. Date	0.20f 2/1941	0.38 2/1941	0.55 2/1941	0.82 2/1941	1.44 2/1941	2.55 2/1941
Annual	Amt. Date	0.59 1/2/1948	0.81 5/23/1942	1.05 5/23/1942	1.30 5/23/1942	1.51 5/15/1947	2.55 12/2/1941

(a) Also on 4/13/1944

(b) Also on 8/2/1943

(c) Also on 10/25/1946

(d) Also on 11/3/1945

(e) Also on 11/4/1944 and 11/3/1948

(f) Also on 12/24/1942

Station: CLARK FORK 1 ENE, IDAHO

Drainage basin: PEND OREILLE

County: BONNER

Lat. 48° 09' N Long. 116° 10' W

Elev.(ft.) 2125

Period of record: 1941-1949 (with breaks)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.20 7/1945	0.38 7/1945	0.52 7/1945	0.83 7/1945	1.28 6/1945	1.55 5/1948	
Feb.	0.15a 16/1948	0.25a 16/1948	0.35a 16/1948	0.60 16/1948	0.93 10/1949	1.17 21/1949	
Mar.	0.25 26/1943	0.36 26/1943	0.46 26/1943	0.56 26/1943	0.90 26/1943	1.16 26/1943	
Apr.	0.29 12/1944	0.42 12/1944	0.50 12/1944	0.65 12/1944	0.82 30/1943	1.11 30/1943	
May	0.30 22/1948	0.40 22/1948	0.53 22/1948	0.88 22/1948	1.15 22/1948	1.65 22/1948	
Jun.	0.30 9/1948	0.40 16/1948	0.55 16/1948	0.79 9/1947	1.18 9/1947	1.39 8/1947	
Jul.	0.39 18/1948	0.53 18/1948	0.64 18/1948	0.70 18/1948	0.70 18/1948	1.37N 18/1948	
Aug.	0.25b 25/1949	0.35 25/1949	0.40 25/1949	0.64 22/1947	0.91 22/1947	1.00 22/1947	
Sep.	0.46 21/1944	0.46 21/1944	0.55 4/1945	0.85 4/1945	1.09 4/1945	1.57 4/1945	
Oct.	0.35 28/1949	0.61 28/1949	0.75 28/1949	1.06 28/1949	1.61 31/1942	1.85N 31/1942	
Nov.	0.35 27/1949	0.51 27/1949	0.66 23/1942	1.20 23/1942	2.03 17/1946	3.02N 17/1946	
Dec.	0.22 2/1941	0.36 2/1941	0.44 2/1941	0.84 2/1941	1.13 2/1941	1.71 2/1941	
Annual	0.46 9/21/1944	0.61 10/28/1949	0.75 10/28/1949	1.20 11/23/1942	2.03 11/17/1946	3.02N 11/17/1946	

(a) Also on 2/10/1949 (b) Also on 8/9/1947

Station: CLARKIA RANGER STATION, IDAHO

Drainage basin: ST. JOE

County: SHOSHONE

Lat. 47° 00' N Long. 116° 15' W

Elev.(ft.) 2800

Period of record: 1941-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. 0.16 Date 25/1947	0.28 25/1947	0.38 25/1947	0.68 25/1947	0.96 25/1947	1.40 6/1948	
Feb.	Amt. 0.19 Date 5/1942	0.33 10/1949	0.43 10/1949	0.66 25/1948	1.19 25/1948	2.00 9/1949	
Mar.	Amt. 0.24 Date 29/1948	0.30 30/1947	0.38 30/1947	0.60 9/1942	1.17 9/1942	1.71 8/1941	
Apr.	Amt. 0.18 Date 28/1949	0.33 28/1949	0.40 28/1949	0.60 28/1949	0.91 7/1945	1.05 7/1945	
May	Amt. 0.30 Date 26/1946	0.35a 26/1946	0.45 28/1948	0.67 23/1948	1.08 28/1948	1.24 7/1948	
Jun.	Amt. 0.61 Date 5/1946	0.73 5/1946	0.81 5/1946	0.91 5/1946	1.01 5/1946	1.06 5/1946	
Jul.	Amt. 0.24 Date 16/1942	0.36 20/1948	0.47 28/1948	0.83 28/1948	1.34 19/1948	1.84 27/1948	
Aug.	Amt. 0.22 Date 21/1943	0.25b 21/1943	0.42 21/1943	0.54 13/1944	0.62 13/1944	0.70 13/1944	
Sep.	Amt. 0.28 Date 15/1949	0.43 15/1949	0.65 15/1949	0.97 15/1949	1.41 15/1949	1.43 15/1949	
Oct.	Amt. 0.23 Date 4/1948	0.30 3/1941	0.40 31/1942	0.72 31/1942	1.10 31/1942	1.48 30/1942	
Nov.	Amt. 0.29 Date 25/1947	0.44 13/1941	0.53 13/1941	0.66 13/1941	1.08 25/1947	1.69 26/1945	
Dec.	Amt. 0.21 Date 14/1946	0.31 14/1946	0.45 14/1946	0.75 14/1946	1.24 14/1946	1.70 27/1945	
Annual	Amt. 0.61 Date 6/5/1946	0.73 6/5/1946	0.81 6/5/1946	0.97 9/15/1949	1.41 9/15/1949	2.00 2/9/1949	

(a) Also on 5/22/1948 (b) Also on 8/13/1944

Station: COEUR D'ALENE AIRPORT, IDAHO

Drainage basin: KOOTENAY

County: KOOTENAY

Lat. 47° 46' N Long. 116° 49' W

Elev.(ft.) 2273

Period of record: 1940-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.24 25/1947	0.35 13/1945	0.45 13/1945	0.67 6/1948	1.07 6/1948	1.47 6/1948
Feb.	Amt. Date	0.21 22/1948	0.35 27/1946	0.48 27/1946	0.61 27/1946	0.95 7/1945	1.15 25/1948
Mar.	Amt. Date	0.17 30/1947	0.29 5/1946	0.35 26/1943	0.54 26/1943	0.63 12/1945	1.05 11/1945
Apr.	Amt. Date	0.25 19/1947	0.30 12/1944	0.36 12/1944	0.55 11/1944	0.71 28/1946	0.93 28/1946
May	Amt. Date	0.31 30/1941	0.54 30/1941	0.68E 7/1948	1.35 7/1948	1.87 7/1948	2.10 7/1948
Jun.	Amt. Date	0.53 16/1948	0.60 16/1948	0.63 16/1948	0.82 6/1947	0.95 6/1947	0.96 16/1948
Jul.	Amt. Date	0.39 11/1941	0.40 11/1941	0.47 5/1948	0.59 5/1948	0.72 5/1948	1.04 27/1948
Aug.	Amt. Date	1.09 1/1948	1.09 1/1948	1.14 1/1948	1.19 1/1948	1.19 1/1948	1.19 1/1948
Sep.	Amt. Date	0.30 7/1947	0.36 20/1945	0.55 20/1945	0.84 20/1945	1.01 20/1945	1.15 17/1941
Oct.	Amt. Date	0.35 16/1947	0.54 16/1947	0.75 16/1947	1.21 16/1947	1.44 15/1947	1.53 15/1947
Nov.	Amt. Date	0.17 27/1945	0.30 23/1942	0.37a 23/1942	0.64 14/1942	0.95 26/1945	1.32 17/1946
Dec.	Amt. Date	0.16 28/1945	0.28 28/1945	0.40 28/1945	0.67 28/1945	1.01 28/1945	1.28 27/1945
Annual	Amt. Date	1.09 8/1/1948	1.09 8/1/1948	1.14 8/1/1948	1.35 5/7/1948	1.87 5/7/1948	2.10 5/7/1948

(a) Also on 11/14/1941

Station: COTTONWOOD 2 SW, IDAHO

Drainage basin: CLEARWATER

County: IDAHO

Lat. 46° 03' N Long. 116° 21' W

Elev.(ft.) 3600

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.10 24/1947	0.15 24/1947	0.21 6/1948	0.32 6/1948	0.46 6/1948	0.62 6/1948
Feb.	Amt. Date	0.10 26/1944	0.17 18/1949	0.25 18/1949	0.46 18/1949	0.71 2/1946	1.03 18/1949
Mar.	Amt. Date	0.19 29/1947	0.29a 29/1943	0.35 29/1943	0.52 29/1943	0.67 23/1948	0.81 23/1948
Apr.	Amt. Date	0.21 4/1944	0.36 4/1944	0.48 19/1949	0.60 29/1946	0.75 19/1949	0.84 30/1941
May	Amt. Date	0.43b 1/1941	0.49 22/1942	0.62 23/1948	1.03 23/1948	1.54 23/1948	1.66 22/1948
Jun.	Amt. Date	0.62 21/1945	0.65 21/1945	0.65 21/1945	0.67 21/1943	0.69 18/1943	0.97 6/1941
Jul.	Amt. Date	0.42c 10/1942	0.57 10/1942	0.59 3/1943	0.74 3/1943	0.85 3/1943	0.97 3/1943
Aug.	Amt. Date	1.50 1/1948	2.07 1/1948	2.07 1/1948	2.10 1/1948	2.12 1/1948	2.12 1/1948
Sep.	Amt. Date	0.37 15/1946	0.56 9/1942	0.66 9/1942	0.81 9/1942	1.33 9/1942	1.45 9/1942
Oct.	Amt. Date	0.20 3/1940	0.33 3/1940	0.44 2/1940	0.75 2/1940	1.12 2/1940	1.67 31/1942
Nov.	Amt. Date	0.26 27/1949	0.34 27/1949	0.40 27/1949	0.52 27/1949	0.95d 1/1942	1.66d 1/1942
Dec.	Amt. Date	0.15e 28/1945	0.29 27/1942	0.43 27/1942	0.55 11/1946	0.93 11/1946	1.25 10/1946
Annual	Amt. Date	1.50 8/1/1948	2.07 8/1/1948	2.07 8/1/1948	2.10 8/1/1948	2.12 8/1/1948	2.12 8/1/1948

(a) Also on 3/29/1946

(b) Also on 5/15/1949

(c) Also on 7/15/1942

(d) Began 10/31/1942

(e) Also on 12/28/1942

Station: COUNCIL 2 NNE, IDAHO

Drainage basin: SNAKE

County: ADAMS

Lat. 44° 45' N Long. 116° 25' W

Elev.(ft.) 3150

Period of record: 1940-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. 0.20a Date 20/1943	0.38 20/1943	0.50 20/1943	0.89 20/1943	1.41 20/1943	2.29 20/1943	
Feb.	Amt. 0.25b Date 8/1945	0.44 8/1945	0.57 8/1945	0.88 8/1945	1.11 7/1945	1.98 7/1945	
Mar.	Amt. 0.24 Date 30/1947	0.35 29/1946	0.38c 9/1947	0.63 9/1947	0.95 9/1947	1.77N 26/1940	
Apr.	Amt. 0.32 Date 29/1946	0.48 8/1943	0.63 8/1943	0.87 8/1943	0.98 8/1943	1.00 8/1948	
May	Amt. 0.34 Date 10/1945	0.47 10/1945	0.69 31/1943	0.98 31/1943	1.16 31/1943	1.57 31/1943	
Jun.	Amt. 0.36 Date 19/1941	0.69 19/1941	0.85 3/1948	1.17 3/1948	1.26 3/1948	1.57a 1/1943	
Jul.	Amt. 0.37 Date 13/1945	0.39 13/1945	0.39 13/1945	0.45 8/1946	0.50e 8/1946	0.64 27/1941	
Aug.	Amt. 0.51 Date 23/1946	0.57 23/1946	0.71 23/1946	0.82 23/1946	0.82 23/1946	0.90N 23/1946	
Sep.	Amt. 0.36 Date 21/1945	0.50 5/1946	0.51 1/1944	0.69 1/1944	0.97 21/1945	1.22 21/1945	
Oct.	Amt. 0.37 Date 16/1947	0.65 16/1947	0.71 16/1947	0.88 16/1947	1.12 15/1947	1.59 15/1947	
Nov.	Amt. 0.35 Date 1/1948	0.53 1/1948	0.72 1/1948	1.06 1/1948	1.40 1/1948	2.00 18/1946	
Dec.	Amt. 0.16 Date 30/1942	0.29 30/1942	0.36 8/1942	0.66 8/1942	1.18 8/1942	1.73 7/1942	
Annual	Amt. 0.51 Date 8/23/1946	0.69 6/19/1941	0.85 6/3/1948	1.17 6/3/1948	1.41 1/20/1943	2.29 1/20/1943	

(a) Also on 1/21/1943
(d) Began 5/31/1943

(b) Also on 2/6/1946
(e) Also on 7/27/1941

(c) Also on 3/10/1947

Station: CRAIGMONT, IDAHO

Drainage basin: CLEARWATER

County: LEWIS

Lat. 46° 14' N Long. 116° 28' W

Elev.(ft.) 2950

Period of record: 1945-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.09a 6/1948	0.18 6/1948	0.26 6/1948	0.44 6/1948	0.58 6/1948	0.86 6/1948
Feb.	Amt. Date	0.07 24/1946	0.11 15/1948	0.13 15/1948	0.20 15/1949	0.23 2/1946	0.31 2/1946
Mar.	Amt. Date	0.16 30/1947	0.20 1/1948	0.22 23/1948	0.38 23/1948	0.49 23/1948	0.74 23/1948
Apr.	Amt. Date	0.15b 12/1946	0.28 12/1946	0.30c 12/1946	0.40 30/1945	0.43 30/1945	0.63 29/1946
May	Amt. Date	0.55 25/1946	0.63 22/1948	0.78 22/1948	1.15 22/1948	1.87 22/1948	1.89 22/1948
Jun.	Amt. Date	0.92 8/1948	0.93 8/1948	0.93 8/1948	0.93 8/1948	1.02 5/1947	1.03 5/1947
Jul.	Amt. Date	0.21 19/1948	0.30 27/1948	0.39 27/1948	0.45 27/1948	0.79 28/1948	0.96 27/1948
Aug.	Amt. Date	0.12 25/1945	0.20d 11/1948	0.20d 11/1948	0.20d 11/1948	0.20d 11/1948	0.27 25/1945
Sep.	Amt. Date	0.25 16/1947	0.47 16/1947	0.57 16/1947	0.69 16/1947	0.92 15/1949	0.93 15/1949
Oct.	Amt. Date	0.20 4/1948	0.27 7/1947	0.32 7/1947	0.45 7/1947	0.61 7/1947	0.61 7/1947
Nov.	Amt. Date	0.15 23/1946	0.20 23/1946	0.25 23/1946	0.27 8/1947	0.37 23/1949	0.51 23/1949
Dec.	Amt. Date	0.15e 11/1946	0.25 11/1946	0.33 11/1946	0.50 11/1946	0.84 11/1946	1.13 11/1946
Annual	Amt. Date	0.92 6/8/1948	0.93 6/8/1948	0.93 6/8/1948	1.15 5/22/1948	1.87 5/22/1948	1.89 5/22/1948

(a) Also on 1/12/1947

(b) Also on 4/8/1947 and 4/29/1948

(c) Also on 4/30/1945

(d) Also on 8/19/1948

(e) Also on 12/28/1945

Station: DEADWOOD DAM, IDAHO

Drainage basin: PAYETTE

County: VALLEY

Lat. 44° 17' N Long. 115° 38' W

Elev.(ft.) 5375

Period of record: 1941-1949

Month	Duration (hours)	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.16 6/1948	0.25 6/1948	0.33 6/1948	0.52 6/1948	1.01E 20/1943	2.01N 20/1943
Feb.	Amt. Date	0.30 2/1945	0.40E 10/1949	0.60a 10/1949	1.00 10/1949	1.50 10/1949	2.00 10/1949
Mar.	Amt. Date	0.22 4/1944	0.38 4/1944	0.53 4/1944	0.80 4/1944	1.18 4/1944	1.43 3/1943
Apr.	Amt. Date	0.24 28/1943	0.39 28/1943	0.52 28/1943	0.65 28/1943	0.94 28/1943	1.03 28/1943
May	Amt. Date	0.26 13/1947	0.48 16/1945	0.68 16/1945	0.82 16/1945	1.03 16/1945	1.07 16/1945
Jun.	Amt. Date	0.25 1/1943	0.35 1/1943	0.47 1/1943	0.52 1/1943	0.55 1/1943	0.86 10/1944
Jul.	Amt. Date	0.18 1/1942	0.18 1/1942	0.18 1/1942	0.18 1/1942	0.24 3/1943	0.36 9/1946
Aug.	Amt. Date	0.27 2/1943	0.38 2/1943	0.40 2/1943	0.40 2/1943	0.40 2/1943	0.40 2/1943
Sep.	Amt. Date	0.21 28/1949	0.25b 28/1949	0.32 28/1949	0.56 22/1948	0.69 22/1948	0.71 22/1948
Oct.	Amt. Date	0.25 16/1947	0.40 16/1947	0.52 16/1947	1.00 15/1947	1.80 15/1947	2.56N 15/1947
Nov.	Amt. Date	0.25 4/1944	0.33 3/1941	0.41c 3/1941	0.75 27/1942	1.45E 27/1942	2.90d 27/1942
Dec.	Amt. Date	0.22 2/1941	0.42 2/1941	0.63 2/1941	1.17 2/1941	2.19 2/1941	3.07N 2/1941
Annual	Amt. Date	0.30 2/2/1945	0.48 5/16/1945	0.68 5/16/1945	1.17 12/2/1941	2.19 12/2/1941	3.07N 12/2/1941

(a) Prorated from 0.80 in. in 4 hours (b) Also on 9/22/1948
 (c) Also on 11/4/1944 (d) Also on 11/18/1946

Station: DECEPTION CREEK, IDAHO

Drainage basin: KOOTENAY

County: KOOTENAY

Lat. 47° 44' N Long. 116° 29' W

Elev.(ft.) 3000

Period of record: 1941-1942; 1944-1949

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.							
Feb.							
Mar.							
Apr.							
May							
Jun.		0.94 9/1948	0.94 9/1948	0.94 9/1948	0.95 9/1948	0.95 9/1948	1.40 8/1947
Jul.		0.35 24/1949	0.54 19/1948	0.65 19/1948	1.08 19/1948	1.43 19/1948	1.64 19/1948
Aug.		0.35 3/1949	0.35 3/1949	0.35a 3/1949	0.53 23/1949	0.81 23/1949	0.94 23/1949
Sep.		0.31 15/1949	0.53 15/1949	0.74 20/1945	1.22 20/1945	2.14 20/1945	2.32 20/1945
Oct.		0.40 4/1948	0.56 3/1941	0.71 20/1946	1.05 20/1946	1.55 4/1949	2.62 20/1946
Nov.							
Dec.							
Annual		0.94 6/9/1948	0.94 6/9/1948	0.94 6/9/1948	1.22 9/20/1945	2.14 9/20/1945	2.62 10/20/1946

(a) Also on 8/23/1949

Station: DUBOIS AIRPORT, IDAHO

Drainage basin: LOST

County: CLARK

Lat. 44° 10'N Long. 112° 13'W

Elev.(ft.) 5122

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.11 23/1943	0.19 23/1943	0.26 23/1943	0.43 27/1942	0.60 27/1942	0.90 27/1942
Feb.	Amt. Date	0.19 8/1944	0.29 8/1944	0.30 8/1944	0.50 4/1949	0.80 4/1949	1.00 4/1949
Mar.	Amt. Date	0.20 20/1946	0.28 20/1946	0.33 20/1946	0.43 20/1946	0.52 20/1946	0.73 4/1945
Apr.	Amt. Date	0.25 5/1944	0.35 5/1944	0.35 5/1944	0.42 25/1944	0.59 24/1944	0.62 24/1944
May	Amt. Date	0.42 4/1943	0.51 4/1943	0.52 4/1943	0.52a 4/1943	0.83 17/1944	1.05 20/1949
Jun.	Amt. Date	0.59 26/1944	0.80 26/1944	0.95 26/1944	1.12 26/1944	1.55 26/1944	2.19 26/1944
Jul.	Amt. Date	0.19b 19/1944	0.31 19/1944	0.45 19/1944	0.50 19/1944	0.50 19/1944	0.50c 19/1944
Aug.	Amt. Date	0.83 19/1945	1.10 19/1945	1.31 19/1945	1.49 19/1945	1.64 19/1945	2.05 19/1945
Sep.	Amt. Date	0.21 29/1944	0.35E 20/1940	0.52E 20/1940	1.03 20/1940	1.36 19/1940	1.39 19/1940
Oct.	Amt. Date	0.13d 4/1941	0.23 4/1941	0.31d 4/1941	0.45 4/1941	0.52 4/1941	0.67 7/1949
Nov.	Amt. Date	0.19 4/1944	0.32 4/1944	0.36 4/1944	0.43 12/1944	0.64 12/1944	1.03 12/1944
Dec.	Amt. Date	0.12 5/1946	0.15e 5/1946	0.20 2/1941	0.30 2/1941	0.48 2/1941	0.52 2/1941
Annual	Amt. Date	0.83 8/19/1945	1.10 8/19/1945	1.31 8/19/1945	1.49 8/19/1945	1.64 8/19/1945	2.19 6/26/1944

(a) Also on 5/17/1944

(b) Also on 7/22/1944

(c) Also on 7/19/1941

(d) Also on 10/8/1949

(e) Also on 12/2/1941

Station: GOODING AIRPORT, IDAHO

Drainage basin: SNAKE

County: GOODING

Lat. 42° 55' N Long. 114° 46' W

Elev.(ft.) 3696

Period of record: 1941-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.13 23/1944	0.22 23/1944	0.31 23/1944	0.54 22/1946	0.73 22/1946	0.75 22/1946
Feb.	Amt. Date	0.10a 12/1945	0.18 12/1945	0.25 12/1945	0.46 12/1945	0.60 12/1945	0.65 1/1945
Mar.	Amt. Date	0.15 13/1946	0.23 13/1946	0.25 13/1946	0.42 13/1946	0.68 7/1943	0.99 7/1943
Apr.	Amt. Date	0.14 27/1942	0.20 19/1944	0.29 19/1944	0.47 19/1944	0.69 19/1944	0.79 19/1944
May	Amt. Date	0.45 29/1949	0.45b 27/1947	0.52 27/1947	0.59 27/1947	0.63 27/1947	0.63 27/1947
Jun.	Amt. Date	0.42 1/1943	0.42c 1/1943	0.46 1/1943	0.57 8/1944	0.77 8/1944	1.25N 1/1943
Jul.	Amt. Date	0.35 2/1948	0.35 2/1948	0.35 2/1948	0.35 2/1948	0.35 2/1948	0.37 2/1948
Aug.	Amt. Date	0.16 3/1947	0.21 3/1947	0.23 23/1946	0.34 23/1946	0.39 23/1946	0.39 23/1946
Sep.	Amt. Date	0.18 28/1949	0.28 18/1948	0.28 18/1948	0.31 18/1948	0.40 18/1948	0.46 18/1948
Oct.	Amt. Date	0.33 1/1946	0.48 1/1946	0.56 1/1946	0.83 1/1946	0.95 1/1946	1.41N 1/1946
Nov.	Amt. Date	0.17 4/1944	0.19 17/1942	0.26 17/1942	0.38 17/1942	0.53 26/1942	0.87 26/1942
Dec.	Amt. Date	0.18 5/1946	0.23 5/1946	0.29 27/1945	0.40 27/1945	0.69 27/1945	0.82 27/1945
Annual	Amt. Date	0.45 5/29/1949	0.48 10/1/1946	0.56 10/1/1946	0.83 10/1/1946	0.95 10/1/1946	1.41N 10/1/1946

(a) Also on 2/4/1943; 2/21/1944; 2/1/1945; 2/24/1946, and 2/12/1947

(b) Also on 5/29/1949 (c) Also on 6/8/1944

Station: IDAHO FALLS AIRPORT, IDAHO

Drainage basin: SNAKE

County: BONNEVILLE

Lat. 43° 31' N Long. 112° 04' W

Elev.(ft.) 4730

Period of record: 1940-1949

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.15 21/1943	0.25 21/1943	0.38 21/1943	0.63 21/1943	0.75 21/1943	1.30N 14/1949	
Feb.	0.15 22/1948	0.18 2/1945	0.23 2/1945	0.33 2/1945	0.44E 11/1949	0.88N 11/1949	
Mar.	0.14 20/1941	0.27 20/1941	0.33 20/1941	0.43 20/1941	0.63 20/1941	0.71 13/1946	
Apr.	0.49 30/1941	0.49 30/1941	0.49 30/1941	0.49 30/1941	0.49 30/1941	0.49 30/1941	
May	0.32 26/1941	0.37 26/1941	0.45 11/1947	0.60 11/1947	0.80 28/1946	0.93 16/1949	
Jun.	0.40 19/1948	0.50 26/1944	0.69 8/1949	0.92 26/1944	1.20 26/1944	1.44 26/1944	
Jul.	0.33 25/1941	0.63 25/1941	0.64 25/1941	0.64 25/1941	0.64 25/1941	0.64 25/1941	
Aug.	0.42 9/1941	0.62 9/1941	0.63 9/1941	0.64 9/1941	0.66 9/1941	0.71 8/1941	
Sep.	0.25 17/1947	0.35 17/1947	0.40 12/1942	0.71 3/1940	1.08 17/1947	1.20 17/1947	
Oct.	0.19 28/1941	0.22a 28/1941	0.27 22/1949	0.41 22/1949	0.46 22/1949	0.69 1/1946	
Nov.	0.14b 10/1949	0.20 9/1949	0.32 9/1949	0.58 18/1942	1.03N 18/1942	1.19N 18/1942	
Dec.	0.18 6/1946	0.24 3/1941	0.30 3/1941	0.42 2/1941	0.63 3/1941	0.93 2/1941	
Annual	0.49 4/30/1941	0.63 7/25/1941	0.69 6/8/1949	0.92 6/26/1944	1.20 6/26/1944	1.44 6/26/1944	

(a) Also on 10/27/1943 (b) Also on 11/4/1947

Station: LEADORE, IDAHO

Drainage basin: SALMON

County: LEMHI

Lat. 44° 41' N Long. 113° 22' W

Elev.(ft.) 6100

Period of record: 1941-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.07 24/1946	0.13 24/1946	0.17 24/1946	0.27 24/1946	0.35 24/1946	0.36 24/1946
Feb.	Amt. Date	0.16 6/1946	0.17 6/1946	0.17 6/1946	0.18 6/1946	0.21 8/1944	0.22 8/1944
Mar.	Amt. Date	0.20 29/1947	0.29 29/1947	0.35 29/1947	0.35 29/1947	0.35 29/1947	0.35 29/1947
Apr.	Amt. Date	0.12a 24/1945	0.15b 17/1942	0.20 28/1942	0.30 5/1942	0.45 4/1942	0.46 4/1942
May	Amt. Date	0.32 27/1946	0.54 27/1946	0.65 21/1946	0.79 28/1946	1.29 27/1946	1.69 27/1946
Jun.	Amt. Date	0.25 26/1944	0.45 26/1944	0.48 26/1944	0.70 26/1944	1.26 26/1944	1.45 26/1944
Jul.	Amt. Date	0.39 21/1943	0.48 21/1943	0.49 21/1943	0.65 5/1949	0.65 5/1949	0.82 21/1943
Aug.	Amt. Date	0.85 21/1947	1.43 21/1947	1.48 21/1947	1.49 21/1947	1.59 21/1947	1.60 21/1947
Sep.	Amt. Date	0.24 25/1948	0.43 25/1948	0.52 25/1948	0.74 25/1948	0.85 25/1948	1.16 25/1948
Oct.	Amt. Date	0.27 1/1946	0.33 1/1946	0.40 1/1946	0.66 1/1946	0.90 1/1946	1.12 1/1946
Nov.	Amt. Date	0.11 20/1946	0.18 20/1946	0.20 20/1946	0.23 20/1946	0.26 20/1946	0.27 12/1944
Dec.	Amt. Date	0.15 16/1949	0.15c 16/1949	0.19 3/1948	0.32 3/1948	0.45 3/1948	0.52 3/1948
Annual	Amt. Date	0.85 8/21/1947	1.43 8/21/1947	1.48 8/21/1947	1.49 8/21/1947	1.59 8/21/1947	1.69 5/27/1946

(a) Also on 4/10/1948 and 4/29/1949 (b) Also on 4/28/1942 and 4/10/1948
(c) Also on 12/3/1948 and 4/29/1949

Station: LEWISTON, IDAHO

Drainage basin: CLEARWATER

County: NEZ PERCE

Lat. 46° 25' N Long. 117° 02' W

Elev.(ft.) 738

Period of record: 1900-1933

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20T 5/1926	0.30T 6/1923	0.38 6/1923	0.53 25/1920	0.84 25/1920	1.36T 25/1920
Feb.	Amt. Date	0.22T 1/1924	0.35T 23/1933	0.42 23/1933	0.61 23/1933	0.64 23/1933	0.97T 22/1912
Mar.	Amt. Date	0.29T 19/1910	0.34T 31/1928	0.48 31/1931	0.75 30/1931	1.26 31/1931	2.33T 31/1931
Apr.	Amt. Date	0.43T 2/1915	0.52T 2/1915	0.55T 2/1915	0.62 2/1915	0.62 2/1915	0.66T 29/1915
May	Amt. Date	0.45T 22/1914	0.52T 3/1932	0.60 3/1932	0.80 3/1932	0.90 18/1903	1.12T 20/1912
Jun.	Amt. Date	0.62T 8/1929	0.66T 8/1927	0.82 8/1927	1.03 8/1927	1.10 8/1927	1.16T 10/1915
Jul.	Amt. Date	0.34T 2/1916	0.39T 2/1916	0.51T 27/1909	0.93 27/1909	1.70 27/1909	1.87T 27/1909
Aug.	Amt. Date	1.08T 24/1907	1.11T 24/1907	1.11 24/1907	1.25 24/1907	1.27 24/1907	1.45T 24/1907
Sep.	Amt. Date	0.38T 1/1907	0.44T 1/1907	0.44 1/1907	0.83 23/1917	1.31 23/1917	1.54T 26/1905
Oct.	Amt. Date	0.52T 13/1918	0.53T 13/1918	0.58T 2/1915	0.65 2/1915	0.91 25/1926	0.91aT 25/1926
Nov.	Amt. Date	0.21T 15/1932	0.32T 15/1932	0.43 15/1926	0.73 15/1926	0.92 13/1906	1.27T 4/1927
Dec.	Amt. Date	0.16T 28/1923	0.29T 28/1923	0.40 28/1923	0.74 28/1923	0.99 28/1923	1.06T 19/1906
Annual	Amt. Date	1.08T 8/24/1907	1.11T 8/24/1907	1.11 8/24/1907	1.25 8/24/1907	1.70 7/27/1909	2.33T 3/31/1931

(a) Also on 10/2/1915

Station: MACKAY RANGER STATION, IDAHO

Drainage basin: LOST

County: CUSTER

Lat. 43° 55' N Long. 113° 17' W

Elev.(ft.) 5900

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.09a 23/1943	0.15 23/1943	0.21 20/1943	0.29E 21/1943	0.57E 21/1943	1.14N 21/1943
Feb.	Amt. Date	0.17 8/1944	0.20 8/1944	0.22 8/1944	0.25 8/1944	0.37 2/1945	0.48 1/1945
Mar.	Amt. Date	0.13b 19/1946	0.20 20/1946	0.22 20/1946	0.28 20/1946	0.52 19/1946	0.71 19/1946
Apr.	Amt. Date	0.09 11/1944	0.15 11/1944	0.20 11/1944	0.28 11/1944	0.44 11/1944	0.54 29/1943
May	Amt. Date	0.31 11/1944	0.37 14/1949	0.42 28/1946	0.59 28/1946	0.63 28/1946	0.75 18/1949
Jun.	Amt. Date	0.38 8/1944	0.56 8/1944	0.66 8/1944	0.95 8/1944	1.58 8/1944	2.26 8/1944
Jul.	Amt. Date	0.22c 9/1947	0.34 9/1947	0.37 28/1941	0.43 26/1946	0.43 26/1946	0.56 19/1944
Aug.	Amt. Date	0.30 9/1948	0.39 11/1941	0.46 11/1941	0.57 11/1941	0.91 23/1946	1.20 11/1941
Sep.	Amt. Date	0.45 7/1940	0.47 7/1940	0.47 7/1940	0.52 6/1945	0.60 16/1946	0.94 16/1946
Oct.	Amt. Date	0.21 1/1946	0.35 26/1940	0.52 26/1940	0.70 26/1940	0.87 26/1940	1.10N 26/1940
Nov.	Amt. Date	0.11 18/1946	0.19 18/1946	0.27 18/1946	0.40 14/1942	0.62 19/1946	1.06N 18/1946
Dec.	Amt. Date	0.13 3/1941	0.25 3/1941	0.35 2/1941	0.61 2/1941	0.91 2/1941	1.16N 3/1941
Annual	Amt. Date	0.45 9/7/1940	0.56 6/8/1944	0.66 6/8/1944	0.95 6/8/1944	1.58 6/8/1944	2.26 6/8/1944

(a) Also on 1/21/1943

(b) Also on 3/30/1947

(c) Also on 7/20/1944

Station: MALAD, IDAHO

Drainage basin: BEAR

County: ONEIDA

Lat. 42° 11' N Long. 112° 16' W

Elev.(ft.) 4420

Period of record: 1940-1949

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.17 20/1943	0.23 20/1943	0.34 20/1943	0.38 20/1943	0.76 21/1949	0.81 21/1949	
Feb.	0.16 2/1945	0.26a 2/1945	0.40 2/1945	0.69 2/1945	0.79 2/1945	0.96 2/1945	
Mar.	0.17 20/1946	0.30 20/1946	0.37 13/1946	0.60 13/1946	0.89 13/1946	1.10 13/1946	
Apr.	0.37 26/1941	0.39 26/1941	0.40 29/1943	0.55 29/1943	0.57 29/1943	0.71 12/1941	
May	0.33 27/1946	0.48 14/1949	0.48 14/1949	0.52 30/1945	0.60 20/1949	0.92 20/1949	
Jun.	0.56 8/1944	0.71 8/1944	0.77 8/1944	0.94 8/1944	1.22 8/1944	1.37N 8/1944	
Jul.	0.25 21/1943	0.33 21/1943	0.34 21/1943	0.44 19/1941	0.58 21/1943	0.65 21/1943	
Aug.	0.44 17/1941	0.86 17/1941	1.27 17/1941	1.27 17/1941	1.35 17/1941	1.35 17/1941	
Sep.	0.35 17/1947	0.68 17/1947	0.96 17/1947	1.49 17/1947	2.01 17/1947	2.98 17/1947	
Oct.	0.30 12/1942	0.35 12/1942	0.35 12/1942	0.55 17/1949	0.80 17/1949	1.16 27/1946	
Nov.	0.40 10/1944	0.62 10/1944	0.77 10/1944	1.31 10/1944	1.69 10/1944	2.11 10/1944	
Dec.	0.20 7/1946	0.34 7/1946	0.44 7/1946	0.64 7/1946	0.80 7/1946	0.87 7/1946	
Annual	0.56 6/8/1944	0.86 8/17/1941	1.27 8/17/1941	1.49 9/17/1947	2.01 9/17/1947	2.98 9/17/1947	

(a) Also on 2/27/1946

Station: MOHLER (NR), IDAHO

Drainage basin: CLEARWATER

County: LEWIS

Lat. 47° 16' N Long. 116° 16' W

Elev.(ft.) 3000

Period of record: 1940-1945

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.				NO RECORD			
Feb.				NO RECORD			
Mar.		0.23 29/1941	0.23 29/1941	0.26 29/1941	0.31 28/1943	0.39 8/1943	0.44 7/1943
Apr.				NO RECORD			
May				NO RECORD			
Jun.				NO RECORD			
Jul.		0.33 26/1940	0.50 26/1940	0.73 26/1940	0.94 26/1940	1.14 26/1940	1.31 26/1940
Aug.		0.17 30/1943	0.20 30/1943	0.21 8/1944	0.38 8/1944	0.41 29/1943	0.68 29/1943
Sep.		0.70 17/1940	0.70 17/1940	0.70 17/1940	0.86 9/1942	1.28 9/1942	1.37 9/1942
Oct.				NO RECORD			
Nov.				NO RECORD			
Dec.				NO RECORD			
Annual		0.70 9/17/1940	0.70 9/17/1940	0.73 7/26/1940	0.94 7/26/1940	1.28 9/9/1942	1.37 9/9/1942

Station: MOOSE CREEK RANGER STATION, IDAHO

Drainage basin: CLEARWATER

County: IDAHO

Lat. 46° 08' N Long. 114° 50' W

Elev.(ft.) 2400

Period of record: 1943-1949 (with breaks)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.							
Feb.							
Mar.							
Apr.	0.20a 30/1945	0.35b 30/1945	0.40 23/1945	0.49 23/1945	0.87c 20/1943	1.40 20/1943	
May	0.50 28/1948	0.63 28/1948	0.64 28/1948	0.90 28/1948	1.38 28/1948	1.41 28/1948	
Jun.	0.48 26/1947	0.61 26/1947	0.69 26/1947	0.92 26/1947	1.37 26/1947	1.60 26/1947	
Jul.	0.80 4/1942	0.80 4/1942	0.80 4/1942	0.80 4/1942	0.80 4/1942	0.84 27/1948	
Aug.	0.61 12/1945	0.68 12/1945	0.70 12/1945	0.80 30/1943	0.85d 30/1943	1.01 21/1947	
Sep.	0.44 3/1946	0.46 3/1946	0.50 3/1946	0.65 16/1947	0.69 16/1947	1.04 2/1946	
Oct.	0.24 30/1945	0.40 5/1949	0.50 5/1949	0.85 31/1942	1.67 31/1942	2.64 31/1942	
Nov.							
Dec.							
Annual	0.80 7/4/1942	0.80 7/4/1942	0.80 7/4/1942	0.92 6/26/1947	1.67 10/31/1942	2.64 10/31/1942	

(a) Also on 4/30/1948 (b) Also on 4/23/1945 (c) Prorated from 1.30 in.
 (d) Also on 8/22/1947 in 18 hours

Station: MOUNTAIN HOME 1 W, IDAHO

Drainage basin: SNAKE

County: ELMORE

Lat. 43° 08' N Long. 115° 43' W

Elev.(ft.) 3150

Period of record: 1941-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.17 25/1942	0.30 25/1942	0.33 25/1942	0.40 25/1942	0.43 24/1942	0.45 24/1942
Feb.	Amt. Date	0.10a 8/1944	0.19 1/1942	0.22b 8/1944	0.34 12/1945	0.39 12/1945	0.78N 15/1949
Mar.	Amt. Date	0.30 22/1945	0.42 22/1945	0.50 22/1945	0.60 22/1945	0.89 20/1946	1.37 7/1943
Apr.	Amt. Date	0.23 8/1943	0.35 8/1943	0.40 11/1944	0.62 11/1944	0.63 11/1944	0.65 11/1944
May	Amt. Date	0.30 9/1946	0.32c 24/1945	0.38 24/1945	0.46 9/1946	0.61 9/1946	0.67 9/1946
Jun.	Amt. Date	0.34 4/1943	0.36 4/1943	0.36 4/1943	0.46 1/1943	0.62E 7/1941	1.23N 7/1941
Jul.	Amt. Date	0.49 3/1943	0.60 3/1943	0.60 3/1943	0.60 3/1943	0.60 3/1943	0.60 3/1943
Aug.	Amt. Date	0.12 23/1946	0.15 23/1946	0.19 23/1946	0.31E 12/1941	0.62E 12/1941	1.23N 12/1941
Sep.	Amt. Date	0.11 2/1946	0.11 2/1946	0.11 2/1946	0.12 21/1945	0.20 21/1945	0.22 20/1945
Oct.	Amt. Date	0.28 1/1946	0.37 1/1946	0.47 1/1946	0.66 1/1946	0.94 1/1946	1.51 1/1946
Nov.	Amt. Date	0.15 15/1947	0.25d 15/1947	0.35 15/1947	0.43 15/1947	0.44 15/1947	0.58 26/1942
Dec.	Amt. Date	0.37 5/1946	0.47 5/1946	0.47 5/1946	0.50 27/1945	0.73 27/1945	0.99 27/1945
Annual	Amt. Date	0.49 7/3/1943	0.60 7/3/1943	0.60 7/3/1943	0.66 10/1/1946	0.94 10/1/1946	1.51 10/1/1946

(a) Also on 2/1/1942 and 2/4/1942 (b) Also on 2/12/1945

(c) Also on 5/9/1946 (d) Also on 11/20/1946

Station: MULLAN PASS, IDAHO

Drainage basin: COEUR D'ALENE

County: SHOSHONE

Lat. 47° 27'N Long. 115° 41'W

Elev.(ft.) 6022

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20a 6/1948	0.29 6/1948	0.56 7/1945	0.82 7/1945	1.21 1/1948	1.91 1/1948
Feb.	Amt. Date	0.68 20/1949	0.84 20/1949	0.85 20/1949	0.86 20/1949	1.62 16/1949	2.68 16/1949
Mar.	Amt. Date	0.15b 2/1946	0.25 21/1948	0.36c 21/1948	0.66c 21/1948	1.10 10/1945	1.60 21/1948
Apr.	Amt. Date	0.25 23/1945	0.50 23/1945	0.59 23/1945	0.67 23/1945	0.89 7/1945	1.28d 7/1945
May	Amt. Date	0.71 7/1947	0.74 7/1947	0.74 7/1947	0.90 30/1947	1.06 30/1947	1.47 16/1941
Jun.	Amt. Date	0.35 10/1948	0.50 21/1945	0.58 17/1943	0.77 13/1943	1.29 17/1943	1.53 17/1943
Jul.	Amt. Date	0.40 1/1941	0.40 1/1941	0.43 19/1948	0.60 28/1948	0.80 19/1948	1.21 19/1948
Aug.	Amt. Date	0.73 22/1948	1.00 22/1948	1.05 22/1948	1.05 22/1948	1.05 22/1948	1.08N 22/1948
Sep.	Amt. Date	0.88 19/1947	0.98 19/1947	0.99 19/1947	1.01 19/1947	1.40 15/1949	1.70 15/1949
Oct.	Amt. Date	0.35 28/1949	0.65 28/1949	0.90 28/1949	1.42 28/1949	1.66 17/1947	2.40 17/1947
Nov.	Amt. Date	0.30 13/1941	0.50 13/1941	0.70 13/1941	1.15 23/1942	2.00 17/1946	3.56 17/1946
Dec.	Amt. Date	0.33 2/1941	0.63 2/1941	0.85 2/1941	1.53 2/1941	2.64 2/1941	3.89 2/1941
Annual	Amt. Date	0.88 9/19/1947	1.00 8/22/1948	1.05 8/22/1948	1.53 12/2/1941	2.64 12/2/1941	3.89 12/2/1941

(a) Also on 1/7/1945 (b) Also on 3/6/1946; 3/22/1948 and 3/10/1947
(c) Also on 3/10/1945 (d) Also on 3/31/1943 - 4/1/1943

Station: OLA, IDAHO

Drainage basin: PAYETTE

County: GEM

Lat. 44° 10' N Long. 116° 17' W

Elev.(ft.) 3075

Period of record: 1940-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.14a 11/1947	0.25 20/1943	0.38 20/1943	0.72 20/1943	1.26 20/1943	1.64 19/1943
Feb.	Amt. Date	0.20 10/1949	0.32 8/1945	0.47 8/1945	0.78 5/1946	1.15 5/1946	1.38 5/1946
Mar.	Amt. Date	0.17 29/1941	0.32 29/1941	0.36 29/1941	0.48 29/1941	0.70 12/1946	0.82 12/1946
Apr.	Amt. Date	0.24 5/1946	0.30 8/1943	0.40 8/1943	0.60 8/1943	0.84 8/1943	0.87 8/1943
May	Amt. Date	0.45 23/1942	0.60 23/1942	0.65 23/1942	0.77 24/1945	0.93 24/1945	0.96 22/1942
Jun.	Amt. Date	0.45 17/1941	0.49 17/1941	0.64 19/1941	0.95 3/1948	1.12 5/1948	1.51 18/1941
Jul.	Amt. Date	0.65 26/1946	0.70 26/1946	0.73 26/1946	0.75 26/1946	0.83 26/1946	0.85 26/1946
Aug.	Amt. Date	0.09 7/1945	0.15 7/1945	0.18 7/1945	0.28 7/1945	0.28 7/1945	0.28 7/1945
Sep.	Amt. Date	0.37 4/1946	0.40 4/1946	0.40 4/1946	0.77 13/1940	0.93 13/1940	1.61N 13/1940
Oct.	Amt. Date	0.29 30/1945	0.53 30/1945	0.70 30/1945	0.78 30/1945	0.84 24/1940	1.05 15/1947
Nov.	Amt. Date	0.23 4/1944	0.45 4/1944	0.62 4/1944	0.84 4/1944	1.15 3/1944	1.52 3/1944
Dec.	Amt. Date	0.20b 11/1948	0.38 11/1948	0.48c 24/1942	0.86 24/1942	1.23 27/1945	1.67 27/1945
Annual	Amt. Date	0.65 7/26/1946	0.70 7/26/1946	0.73 7/26/1946	0.95 6/3/1948	1.26 1/20/1943	1.67 12/27/1945

(a) Also on 1/30/1947 (b) Also on 12/12/1948 and 12/16/1949

(c) Also on 12/16/1949

Station: PIERCE RANGER STATION, IDAHO

Drainage basin: CLEARWATER

County: CLEARWATER

Lat. 46° 30' N Long. 115° 48' W

Elev.(ft.) 3175

Period of record: 1941-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 5/1946	0.43 5/1946	0.52 5/1946	0.80 20/1943	1.13 20/1943	1.35 19/1943
Feb.	Amt. Date	0.38 7/1946	0.40 7/1946	0.51 7/1946	0.66 8/1945	0.88 12/1947	1.22 10/1943
Mar.	Amt. Date	0.16 29/1943	0.29 29/1943	0.35 29/1943	0.53a 29/1943	0.79 31/1943	1.26 31/1943
Apr.	Amt. Date	0.18 13/1944	0.31 13/1944	0.40 13/1944	0.58 29/1946	0.72 7/1945	1.38N 17/1947
May	Amt. Date	0.40 22/1942	0.58 22/1948	0.70 22/1948	0.80 9/1947	1.11 9/1947	1.67N 7/1948
Jun.	Amt. Date	0.50 21/1945	0.63 16/1946	0.89 16/1946	1.56 16/1946	2.44 16/1946	2.66 16/1946
Jul.	Amt. Date	0.34 8/1946	0.39 8/1946	0.55 8/1946	1.00 28/1948	1.45 28/1948	2.17 27/1948
Aug.	Amt. Date	0.44 14/1944	0.57 14/1944	0.60 14/1944	0.60 14/1944	0.76 14/1944	0.81 14/1944
Sep.	Amt. Date	0.26 10/1942	0.48b 9/1942	0.55 9/1942	0.83 9/1942	1.23 9/1942	1.33 9/1942
Oct.	Amt. Date	0.25 1/1945	0.42 31/1942	0.58 31/1942	1.02 31/1942	1.63 31/1942	2.61 30/1942
Nov.	Amt. Date	0.27 14/1942	0.39 7/1947	0.54 7/1947	0.90 7/1947	1.33c 1/1942	2.56c 1/1942
Dec.	Amt. Date	0.24 28/1945	0.41 28/1945	0.49 28/1945	0.84 28/1945	1.33 28/1945	2.23 27/1945
Annual	Amt. Date	0.50 6/21/1945	0.63 6/16/1946	0.89 6/16/1946	1.56 6/16/1946	2.44 6/16/1946	2.66 6/16/1946

(a) Also on 3/31/1943

(b) Also on 9/2/1946

(c) Began 10/31/1942

Station: PLUMMER 3 WSW, IDAHO

Drainage basin: CEOUR D'ALENE

County: BENEWAH

Lat. 47° 19' N Long. 116° 57' W

Elev.(ft.) 2970

Period of record: 1941-1949

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.18 13/1945	0.34 13/1945	0.50 13/1945	0.71 6/1948	1.13 6/1948	1.75 6/1948	
Feb.	0.16 9/1948	0.30 25/1948	0.43 25/1948	0.73 25/1948	1.25 25/1948	1.49 25/1948	
Mar.	0.16 31/1943	0.26 31/1943	0.35 31/1943	0.63 26/1943	0.63 26/1943	0.89 12/1945	
Apr.	0.24 16/1948	0.34 16/1948	0.36a 16/1948	0.60 29/1946	1.00 29/1946	1.01 29/1946	
May	0.38 20/1948	0.62 20/1948	0.64 20/1948	0.92 23/1948	1.46 23/1948	1.65 22/1948	
Jun.	0.39 6/1947	0.75 6/1947	1.12 6/1947	1.46 5/1947	1.74 5/1947	1.75 5/1947	
Jul.	0.26 26/1940	0.37 26/1940	0.52 26/1940	0.92 26/1940	1.27 26/1940	1.62 26/1940	
Aug.	0.15 23/1949	0.20 23/1949	0.25 23/1949	0.28 23/1949	0.37 23/1949	0.40 23/1949	
Sep.	0.42 20/1945	0.64 20/1945	0.83 20/1945	1.01 20/1945	1.16 20/1945	1.45 20/1945	
Oct.	0.27 2/1940	0.52 2/1940	0.76 2/1940	0.82 2/1940	1.01 2/1940	1.71 2/1940	
Nov.	0.18 28/1940	0.35 28/1940	0.50 28/1940	0.81 28/1940	1.22 17/1946	1.78 17/1946	
Dec.	0.21 12/1948	0.36 28/1945	0.50 28/1945	0.86 28/1945	1.24 27/1945	1.67 27/1945	
Annual	0.42 9/20/1945	0.75 6/6/1947	1.12 6/6/1947	1.46 6/5/1947	1.74 6/5/1947	1.78 11/17/1946	

(a) Also on 4/29/1946

Station: POCATELLO AIRPORT, IDAHO

Drainage basin: SNAKE

County: BANNOCK

Lat. 42° 55' N Long. 112° 32' W

Elev.(ft.) 4453

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20T 8/1942	0.27T 8/1942	0.30 8/1942	0.37 7/1942	0.52 7/1942	0.69N 5/1940
Feb.	Amt. Date	0.18T 29/1940	0.32T 29/1940	0.42 29/1940	0.51 29/1940	0.52 29/1940	0.52N 29/1940
Mar.	Amt. Date	0.21T 30/1948	0.36T 5/1947	0.46 5/1947	0.58 5/1947	0.68 20/1946	0.88T 13/1946
Apr.	Amt. Date	0.23T 5/1946	0.24T 5/1946	0.30T 15/1940	0.34 13/1941	0.60 13/1941	0.65T 13/1941
May	Amt. Date	0.43T 20/1945	0.50T 20/1945	0.51 20/1945	0.72 11/1947	1.00 28/1946	1.21T 28/1946
Jun.	Amt. Date	0.37T 12/1944	0.47T 18/1946	0.52 18/1946	0.69 26/1944	1.09 21/1948	1.65T 21/1948
Jul.	Amt. Date	0.92T 20/1944	0.97T 20/1944	0.97 20/1944	0.97 20/1944	0.97 20/1944	0.97T 20/1944
Aug.	Amt. Date	0.73T 3/1945	0.77T 3/1945	0.77 3/1945	0.77 3/1945	0.77 3/1945	0.77T 3/1945
Sep.	Amt. Date	0.50T 12/1940	0.64T 12/1942	0.95 12/1942	1.37 12/1942	1.46 12/1942	1.51T 11/1942
Oct.	Amt. Date	0.31T 1/1946	0.45T 26/1940	0.56 26/1940	0.83 26/1940	1.00 26/1940	1.02T 25/1940
Nov.	Amt. Date	0.29T 20/1946	0.44T 20/1946	0.46 20/1946	0.49 20/1946	0.50 1/1948	0.82T 17/1941
Dec.	Amt. Date	0.12T 27/1940	0.19aT 3/1941	0.26 3/1941	0.48 3/1941	0.60 3/1941	0.88T 2/1941
Annual	Amt. Date	0.92T 7/20/1944	0.97T 7/20/1944	0.97 7/20/1944	1.37 9/12/1942	1.46 9/12/1942	1.65T 6/21/1948

(a) Also on 12/22/1944 and 12/6/1946. * 9 mi. W of Pocatello. Station was moved 5 miles west on that date, and to the present location in May 1949.

Station: POCATELLO AIRPORT, IDAHO*

Drainage basin: SNAKE

County: BANNOCK

Lat. 42° 55' N Long. 112° 32' W

Elev.(ft.) 4453

Period of record: 1899-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35T 25/1914	0.49T 25/1914	0.51 25/1914	0.70 24/1911	1.03 24/1911	1.47T 24/1911
Feb.	Amt. Date	0.19T 21/1914	0.34T 21/1914	0.43 25/1902	0.54 25/1902	0.62 25/1902	1.07T 8/1909
Mar.	Amt. Date	0.31T 2/1910	0.45T 12/1906	0.58 12/1906	0.97 12/1906	1.21 12/1906	1.62T 6/1907
Apr.	Amt. Date	0.35T 2/1910	0.55T 6/1923	0.65 6/1923	0.79 6/1923	0.94 22/1900	1.25T 22/1900
May	Amt. Date	0.71T 19/1915	0.73T 19/1915	0.73 19/1915	0.87 16/1909	1.25 16/1909	1.64T 18/1913
Jun.	Amt. Date	0.76T 8/1912	0.86T 8/1912	0.86 8/1912	0.95 5/1906	1.09 21/1948	1.65T 21/1948
Jul.	Amt. Date	1.03T 31/1936	1.06T 31/1936	1.10T 31/1936	1.13 31/1936	1.39 31/1936	1.75T 31/1936
Aug.	Amt. Date	1.24T 2/1920	1.26T 2/1920	1.28 2/1920	1.29 2/1920	1.63 9/1930	1.90T 8/1930
Sep.	Amt. Date	0.50T 12/1940	0.75T 30/1906	1.08 30/1926	1.92 30/1926	2.44 29/1926	2.60T 29/1926
Oct.	Amt. Date	0.32T 3/1909	0.45T 26/1940	0.56 26/1940	0.83 26/1940	1.00 26/1940	1.02T 25/1940
Nov.	Amt. Date	0.41T 10/1927	0.55T 10/1927	0.59 10/1927	0.68 26/1920	0.82 9/1927	0.93T 9/1927
Dec.	Amt. Date	0.25T 26/1907	0.35T 3/1916	0.41 3/1916	0.59 26/1907	0.95 26/1907	1.15T 12/1933
Annual	Amt. Date	1.24T 8/2/1920	1.26T 8/2/1920	1.28 8/2/1920	1.92 9/30/1926	2.44 9/29/1926	2.60T 9/29/1926

* 9 mi. W of Pocatello. Prior to Sept. 1, 1938, observations were made at city office. Station was moved 6 miles west on that date, and to its present location in May 1949.

Station: SANDPOINT EXPERIMENTAL STATION, IDAHO

Drainage basin: PEND OREILLE

County: BONNER

Lat. 48° 17' N Long. 116° 34' W

Elev.(ft) 2100

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.19 1/1948	0.33 13/1945	0.46 13/1945	0.75 13/1945	0.96 6/1945	1.52 17/1941
Feb.	Amt. Date	0.18 2/1945	0.32 7/1945	0.47 7/1945	0.83 7/1945	1.26 7/1945	1.53 7/1945
Mar.	Amt. Date	0.40 10/1947	0.60 10/1947	0.76 10/1947	0.78 10/1947	1.16 10/1947	1.41 9/1947
Apr.	Amt. Date	0.27 19/1947	0.35a 1/1942	0.49 17/1948	0.64b 17/1948	0.83 1/1942	1.07 16/1948
May	Amt. Date	0.48 22/1942	0.51 22/1942	0.52 22/1942	0.83 17/1941	1.38 17/1941	2.00 16/1941
Jun.	Amt. Date	1.04 27/1942	1.41 27/1942	1.48 27/1942	1.54 27/1942	1.54 27/1942	1.80 27/1942
Jul.	Amt. Date	0.40 12/1941	0.44 12/1941	0.44 12/1941	0.44 12/1941	0.48 5/1948	0.48 5/1948
Aug.	Amt. Date	0.30 23/1941	0.36 30/1942	0.36 30/1942	0.50c 27/1941	0.53 27/1941	0.75 26/1941
Sep.	Amt. Date	0.50 21/1944	0.72 21/1944	0.81 21/1944	1.14 4/1940	1.55 4/1940	1.60 4/1940
Oct.	Amt. Date	0.22 6/1941	0.37 30/1940	0.50d 30/1940	0.82 16/1947	1.21e 4/1949	1.55 4/1949
Nov.	Amt. Date	0.22 13/1941	0.41 13/1941	0.61 13/1941	1.02 13/1941	1.32 13/1941	2.03N 17/1946
Dec.	Amt. Date	0.22 2/1941	0.37 2/1941	0.52 2/1941	0.75 2/1941	1.13 2/1941	1.87 2/1941
Annual	Amt. Date	1.04 6/27/1942	1.41 6/27/1942	1.48 6/27/1942	1.54 6/27/1942	1.55 9/4/1940	2.03 11/17/1946

(a) Also on 4/17/1948

(b) Also on 4/16/1948

(c) 7-hr accumulation

(d) Also on 10/16/1947

(e) Also on 10/31/1942

Station: SUN VALLEY, IDAHO

Drainage basin: SNAKE

County: BLAINE

Lat. 43° 41' N Long. 114° 21' W

Elev.(ft.) 5821

Period of record: 1941-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 23/1946	0.43 24/1946	0.55 20/1943	0.95 20/1943	1.35 20/1943	1.83 20/1943
Feb.	Amt. Date	0.20 2/1945	0.30 2/1945	0.45 2/1945	0.77 2/1945	1.22 1/1945	1.56 1/1945
Mar.	Amt. Date	0.15a 12/1940	0.25 30/1947	0.31 30/1947	0.40 30/1947	0.55 12/1940	0.64 19/1946
Apr.	Amt. Date	0.19 28/1943	0.30 27/1944	0.39 28/1943	0.59 28/1943	0.84 28/1943	0.96 27/1943
May	Amt. Date	0.30 15/1949	0.41 18/1949	0.49 18/1949	0.65 18/1949	0.76 18/1949	1.05N 19/1949
Jun.	Amt. Date	0.28 24/1945	0.44 23/1945	0.51 23/1945	0.60b 13/1943	0.85 8/1944	1.24 8/1944
Jul.	Amt. Date	0.52 11/1945	0.55 11/1945	0.55 11/1945	0.57 11/1945	0.57 11/1945	0.61 10/1945
Aug.	Amt. Date	0.32 20/1945	0.40 20/1945	0.50 20/1945	0.60 20/1945	0.65 19/1945	0.90N 11/1941
Sep.	Amt. Date	0.22 25/1948	0.37 25/1948	0.51 25/1948	0.81 25/1948	1.02 25/1948	1.30 25/1948
Oct.	Amt. Date	0.25 30/1945	0.37 30/1945	0.43 1/1946	0.70 16/1947	1.09 16/1947	1.48 1/1946
Nov.	Amt. Date	0.16c 19/1946	0.29 19/1946	0.37 19/1946	0.65 20/1946	1.16E 19/1946	2.30N 19/1946
Dec.	Amt. Date	0.18d 3/1941	0.35 6/1946	0.48 2/1941	0.91 2/1941	1.63 2/1941	2.55 2/1941
Annual	Amt. Date	0.52 7/11/1945	0.55 7/11/1945	0.55 7/11/1945 1/20/1943	0.95 1/20/1943	1.63 12/2/1941	2.55 12/2/1941

(a) Also on 3/30/1947

(b) Also on 6/3/1945

(c) Also on 11/10/1945

(d) Also on 12/6/1946

Station: WALLACE 2 NE, IDAHO

Drainage basin: CEOUR D'ALENE

County: SHOSHONE

Lat. 47° 30'N Long. 115° 53'W

Elev.(ft) 2950

Period of record: 1941-1949 (with breaks)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.16 6/1948	0.31 6/1948	0.45 6/1948	0.74 6/1948	1.18 6/1948	1.81 6/1948
Feb.	Amt. Date	0.15a 10/1949	0.27 10/1949	0.37 17/1949	0.70 17/1949	1.22 17/1949	1.78 1/1947
Mar.	Amt. Date	0.19 26/1943	0.32 26/1943	0.45 26/1943	0.58 26/1943	0.95 12/1946	1.29 11/1946
Apr.	Amt. Date	0.24 23/1945	0.40 23/1945	0.53 23/1945	0.59 23/1945	0.61 23/1945	0.86b 23/1945
May	Amt. Date	0.40 22/1942	0.42 22/1942	0.46 22/1942	0.55c 22/1942	0.87 14/1942	1.01 13/1942
Jun.	Amt. Date	0.32 28/1941	0.50 6/1946	0.58 6/1946	0.77 13/1943	1.08 28/1941	1.14 27/1941
Jul.	Amt. Date	0.58 8/1946	0.75 8/1946	0.85 8/1946	1.10 8/1946	1.11 8/1946	1.34N 7/1946
Aug.	Amt. Date	0.55 1/1948	0.60 1/1948	0.60 1/1948	0.73 1/1948	0.73 1/1948	0.73 1/1948
Sep.	Amt. Date	0.47 21/1944	0.62 21/1944	0.69 21/1944	0.75 21/1944	1.13 15/1949	1.26 15/1949
Oct.	Amt. Date	0.30 28/1949	0.60 28/1949	0.84 28/1949	1.17 28/1949	1.41 28/1949	1.64 30/1942
Nov.	Amt. Date	0.30 27/1949	0.60 27/1949	0.76 27/1949	0.99 17/1946	1.86 17/1946	3.07N 16/1946
Dec.	Amt. Date	0.28 2/1941	0.52 2/1941	0.68 2/1941	1.04 2/1941	1.34 2/1941	2.53 2/1941
Annual	Amt. Date	0.58 7/8/1946	0.75 7/8/1946	0.85 7/8/1946	1.17 10/28/1949	1.86 * 11/17/1946	3.07N 11/16/1946

(a) Also on 2/17/1949

(b) Also on 3/31-4/1/1943

(c) Also on 5/14/1942

Station: WOLF LODGE SUMMIT, IDAHO

Drainage basin: CEOUR D'ALENE

County: KOOTENAY

Lat. 47° 43' N Long. 116° 30' W

Elev.(ft.) 4650

Period of record: 1941-1949 (with breaks)

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date		N O	R E C O R D			
Feb.	Amt. Date		N O	R E C O R D			
Mar.	Amt. Date		N O	R E C O R D			
Apr.	Amt. Date		N O	R E C O R D			
May	Amt. Date	0.35 25/1942	0.41 25/1942	0.60 25/1942	0.78 26/1942	1.39 26/1942	1.90 26/1942
Jun.	Amt. Date	0.33 30/1949	0.58 30/1949	0.70 30/1949	0.90 13/1943	1.41 13/1943	1.63 13/1943
Jul.	Amt. Date	0.29 24/1949	0.44 11/1942	0.55 19/1948	0.95 19/1948	1.36 19/1948	1.99 27/1948
Aug.	Amt. Date	0.27 9/1944	0.48 9/1944	0.64 13/1944	0.69 13/1944	0.96 26/1945	1.19 26/1945
Sep.	Amt. Date	0.38 5/1945	0.53 25/1945	0.63 25/1945	1.00 20/1945	1.72 20/1945	2.05a 14/1949
Oct.	Amt. Date	0.42 2/1947	0.65 31/1942	0.90 31/1942	1.55 31/1942	2.04 11/1943	2.21 10/1943
Nov.	Amt. Date	0.28 23/1942	0.50 15/1942	0.70 15/1942	1.13 30/1943	1.67 23/1942	3.00 30/1943
Dec.	Amt. Date	0.45 3/1943	0.66 3/1943	0.85 2/1943	1.24 2/1943	1.99 30/1944	3.00b 1/1943
Annual	Amt. Date	0.45 12/3/1943	0.66 12/3/1943	0.90 10/31/1942	1.55 10/31/1942	2.04 10/11/1943	3.00 1/30/1943

(a) Also on 9/15/1949

(b) Began 11/30/1943