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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 XII: Oregon

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AND

COOPERATIVE STUDIES SECTION

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CONTENTS

	Page
Introduction	1
Table 1. - Maximum monthly precipitation amounts for Oregon	2
Table 2. - Maximum precipitation amounts for Oregon	3
Table 3. - Monthly distribution of Maximum precipitation amounts for Oregon	3
Illustrations	
Figure 1. - Maximum recorded precipitation, 1 hour	4
Figure 2. - Maximum recorded precipitation, 2 hours	5
Figure 3. - Maximum recorded precipitation, 3 hours	6
Figure 4. - Maximum recorded precipitation, 6 hours	7
Figure 5. - Maximum recorded precipitation, 12 hours	8
Figure 6. - Maximum recorded precipitation, 24 hours	9
Tabulations of maximum precipitation by station (alphabetically)	10-106

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

INTRODUCTION

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

All precipitation amounts presented in the tabulations are in inches.

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

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

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

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

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

The time intervals used in most of the survey and tabulations began on the hour. This practice yields lower values than would be obtained by allowing the interval to begin any time within an hour, but the extra work involved in obtaining the true values would greatly increase the cost of the project. It is possible that when the survey for the entire United States has been completed an attempt will be made to determine the relation between true maxima and those for the standard clock intervals over various regions of the country. A satisfactory correlation would provide a procedure for adjusting the tabulated amounts to values more nearly representing the true maxima. In the case of some Weather Bureau first-order stations, the maxima for 1-, 2-, 24-, and some 3-hour durations are true maxima, i.e., the interval is actually for the period of maximum precipitation and does not necessarily begin on the hour. True maxima are indicated by footnotes in the tabulations.

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

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

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

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

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

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

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

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

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

The monthly distribution of occurrences of the maximum amounts at the 91 stations with five years or more of record are shown in table 3.

Compilation of the data was begun by the Cooperative Studies Section. It was then completed under the supervision of A. E. Brown, Jr., and checked by James L. Keister, Cora Ludwig, John T. Lindgren, Harlan H. Vinnedge, and O. Yvette Causey (no longer with the Section) of the Hydro-meteorological Section. The manuscript was typed by Edna L. Grooms.

Table 1. - Maximum monthly precipitation amounts for Oregon

Duration (hours)	Amount	Location	Date	Duration (hours)	Amount	Location	Date
JANUARY							
1	0.95	Bandon	22/1950	1	1.74	Monument R. S.	6/1941
2	1.70	Bandon	22/1950	2	1.87	Monument R. S.	6/1941
3	2.05	Bandon	22-23/1950	3	1.89	Monument R. S.	6/1941
6	2.93	Disston 10 SE (Champ. Mine)	1/1948	6	1.89	Monument R. S.	6/1941
12	4.86	Disston 10 SE (Champ. Mine)	1/1948	12	2.46	Brookings	26/1947
24	8.71	Disston 10 SE (Champ. Mine)	1/1948	24	4.28	Brookings	26-27/1947
FEBRUARY							
1	0.90	Nehalem	5/1946	1	1.25	Portland City	8/1900
2	1.52	Lees Camp	1/1947	2	1.48	Bend	8/1950
3	1.83	Lees Camp	1/1947	3	1.64	Tillamook 12 E	27/1941
6	3.30	Lees Camp	6-7/1945	6	2.12	Tillamook 12 E	27/1941
12	5.10	Lees Camp	6-7/1945	12	2.45	Tillamook 12 E	26-27/1941
24	7.79	Lees Camp	6-7/1945	24	3.63	Tillamook 12 E	26-27/1941
MARCH							
1	0.90	Bandon	15/1946	1	1.81	Estacada 24 SE (Intake)	27/1947
2	1.20	Agate Beach	14/1946	2	1.99	Brookings	29/1944
3	1.37	Valsetz	16/1950	3	2.11	Brookings	29/1944
6	2.44	Valsetz	16/1950	6	2.96	Tillamook 12 E	3/1945
12	3.40	Disston 10 SE (Champ. Mine)	10/1947	12	4.16	Tillamook 12 E	3-4/1945
24	6.25	Valsetz	30-31/1943	24	6.46	Valsetz	3-4/1945
APRIL							
1	0.80	Allegany	3/1942	1	0.88	Nehalem	4/1944
2		Brookings	11/1944			Bonneville Dam	19/1947
2	0.91	Brookings	11/1944	2	1.68	Bonneville Dam	19/1947
3	1.05	Lees Camp	30/1944	3	2.48	Bonneville Dam	19/1947
6	1.85	Lees Camp	30/1949	6	3.60	Bonneville Dam	18-19/1947
12	3.11	Valsetz	30-1/1949	12	4.53	Allegany	15/1947
24	5.12	Valsetz	30-1/1949	24	7.06	Kerby	28-29/1950
MAY							
1	1.55	Imnaha	22/1942	1	1.70	Bandon	5/1940
2	1.83	Imnaha	22/1942	2	2.50	Bandon	5/1940
3	2.18	Imnaha	22/1942	3	2.86	Bandon	5/1940
6	3.09	Tillamook 12 E	31-1/1944	6	3.21	Bandon	4-5/1940
12	4.20	Tillamook 12 E	31-1/1944	12	4.53	Bandon	14-15/1941
24	5.12	Valsetz	30-1/1949	24	6.50	Lees Camp	17-18/1946
JUNE							
1	2.17	Copper	8/1943	1	0.97	Timberline Lodge	18/1941
2	2.35	Copper	8/1943	2	1.35	Bandon	25/1940
3	2.38	Copper	8/1943	3	1.90	Valsetz	26-27/1942
6	3.09	Tillamook 12 E	31-1/1944	6	3.18	Valsetz	26-27/1942
12	4.20	Tillamook 12 E	31-1/1944	12	5.30	Valsetz	14/1946
24	4.62	Tillamook 12 E	31-1/1944	24	8.38	Illahe	26-27/1945
JULY							
AUGUST							
SEPTEMBER							
OCTOBER							
NOVEMBER							
DECEMBER							

Table 2. - Maximum precipitation amounts for Oregon

Duration (hours)	Amount	Location	Date
1			
1	2.17	Copper	6/8/1943
2	2.50	Bandon	11/5/1940
3	2.86	Bandon	11/5/1940
6	3.60	Bonneville Dam	10/18-19/1947
12	5.30	Valsetz	12/4/1946
24	8.71	Disston 10 SE (Champ. Mine)	1/5-6/1948

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

Duration (hours)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	0	2	2	0	11	30	8	4	14	7	6	7
2	2	1	1	0	7	25	3	6	16	11	14	5
3	3	1	1	0	5	23	1	4	16	12	16	9
6	5	3	1	0	3	13	3	2	6	14	26	15
12	6	10	2	0	2	11	2	0	4	15	22	17
24	4	12	2	0	1	9	1	0	3	17	19	23

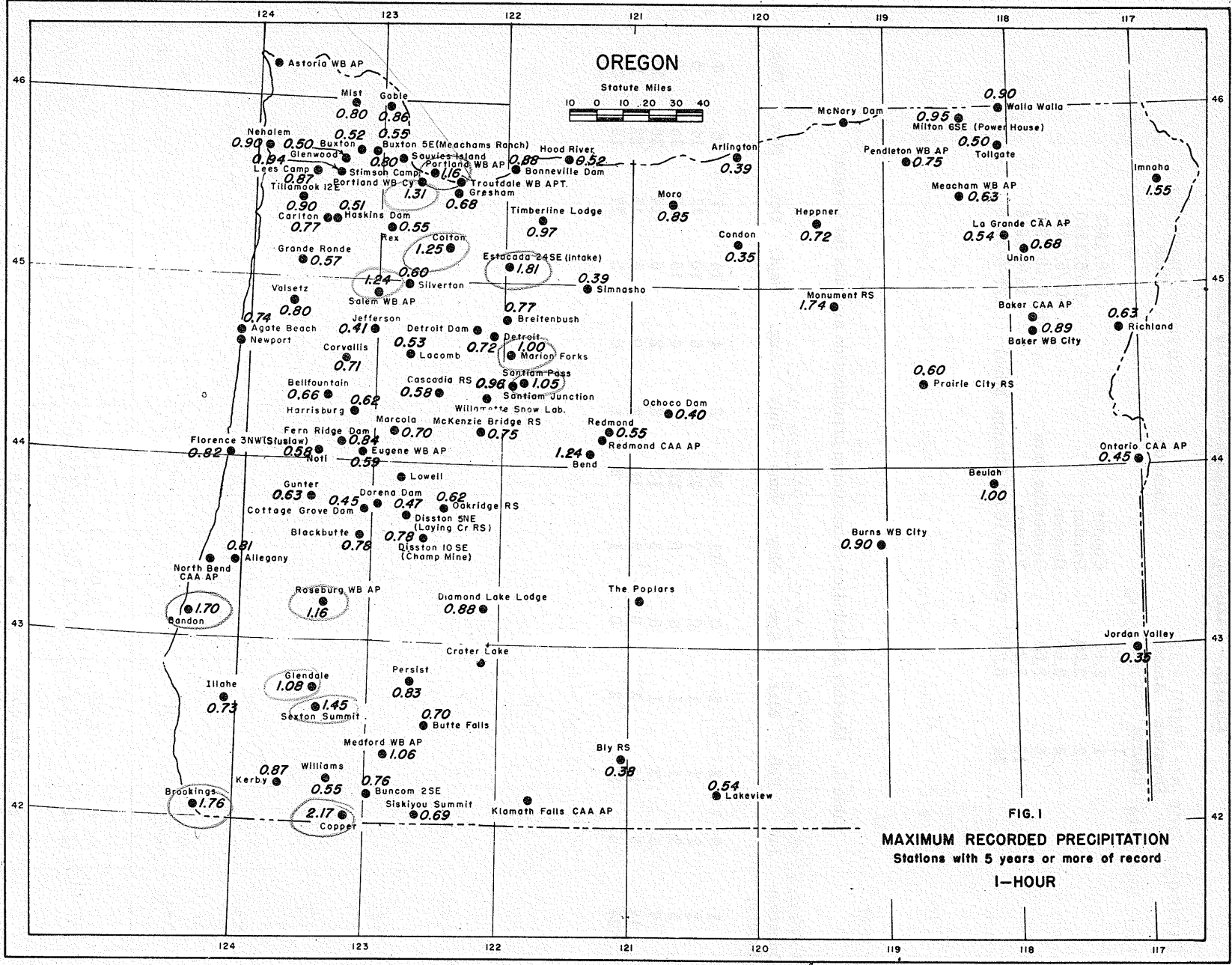
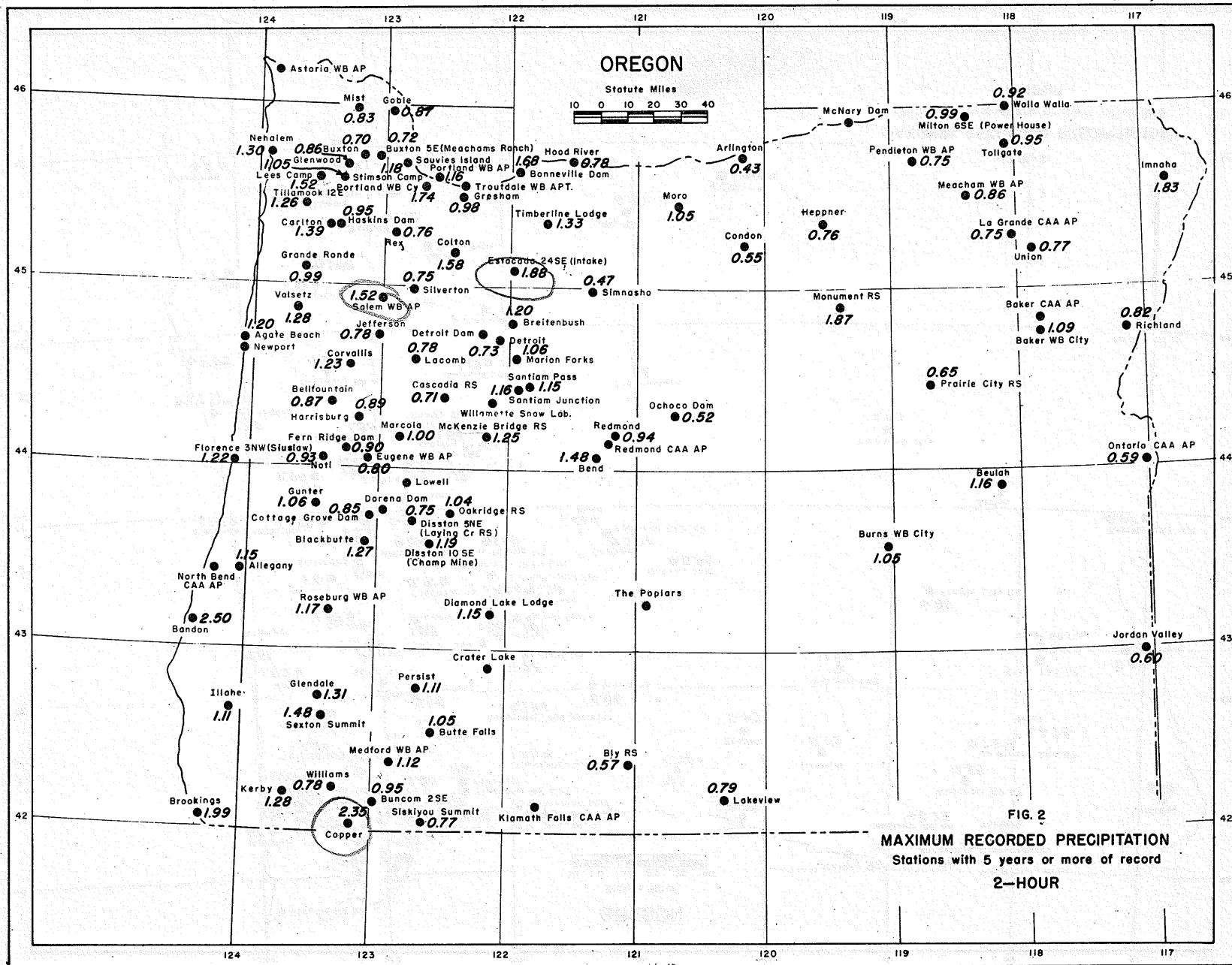


FIG. 1
MAXIMUM RECORDED PRECIPITATION
Stations with 5 years or more of record
1-HOUR



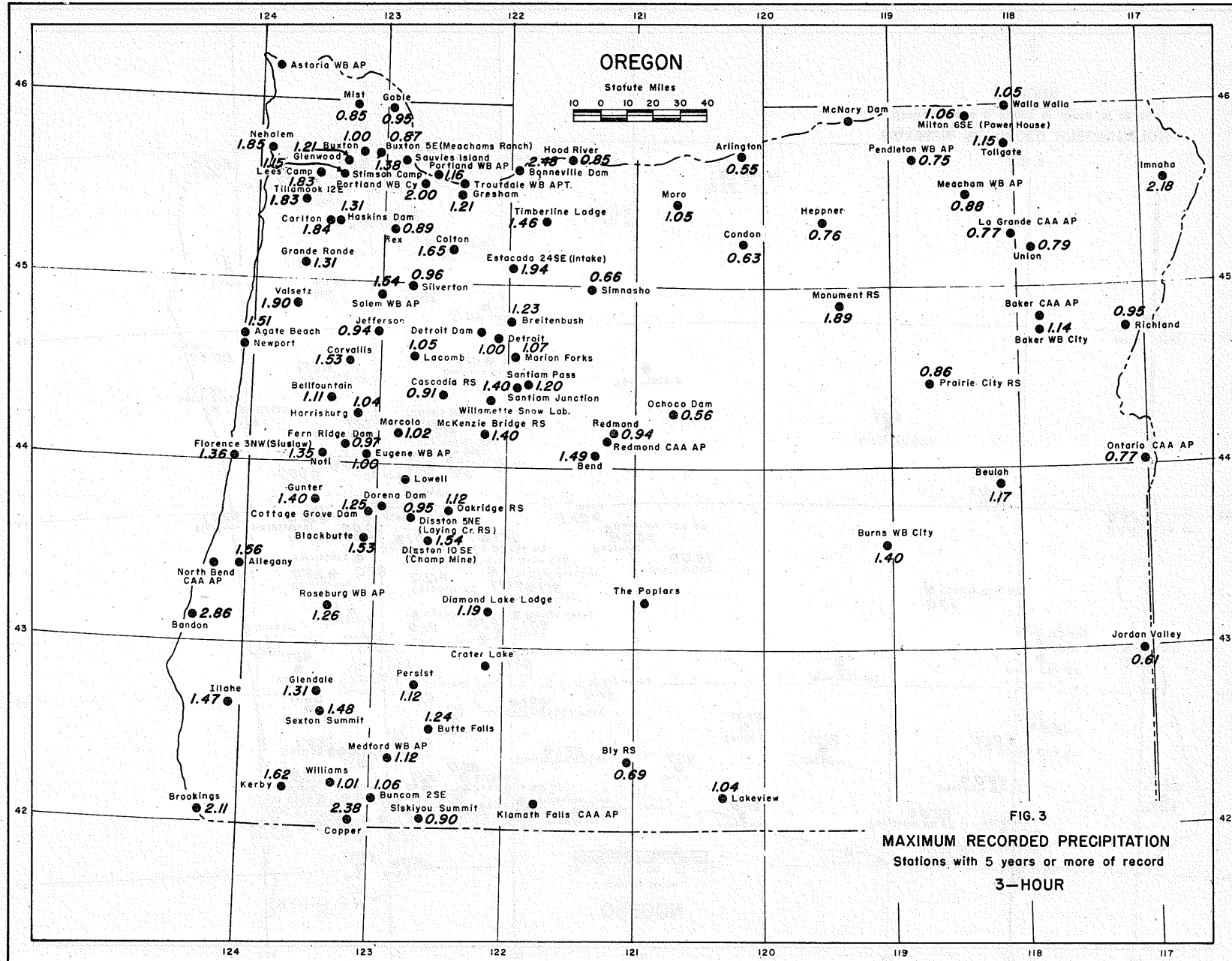


FIG. 3
MAXIMUM RECORDED PRECIPITATION
Stations with 5 years or more of record
3-HOUR

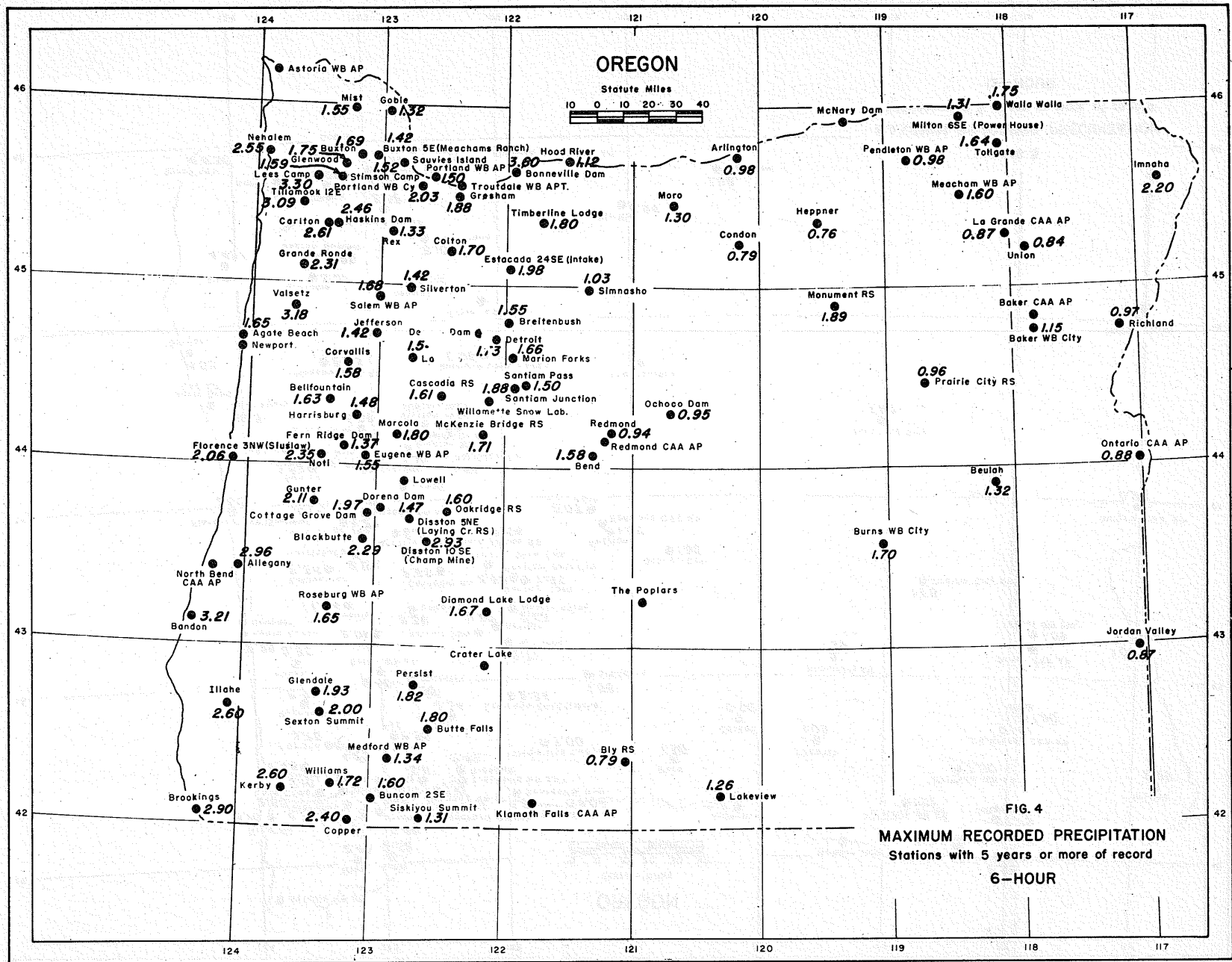


FIG. 4
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
6-HOUR

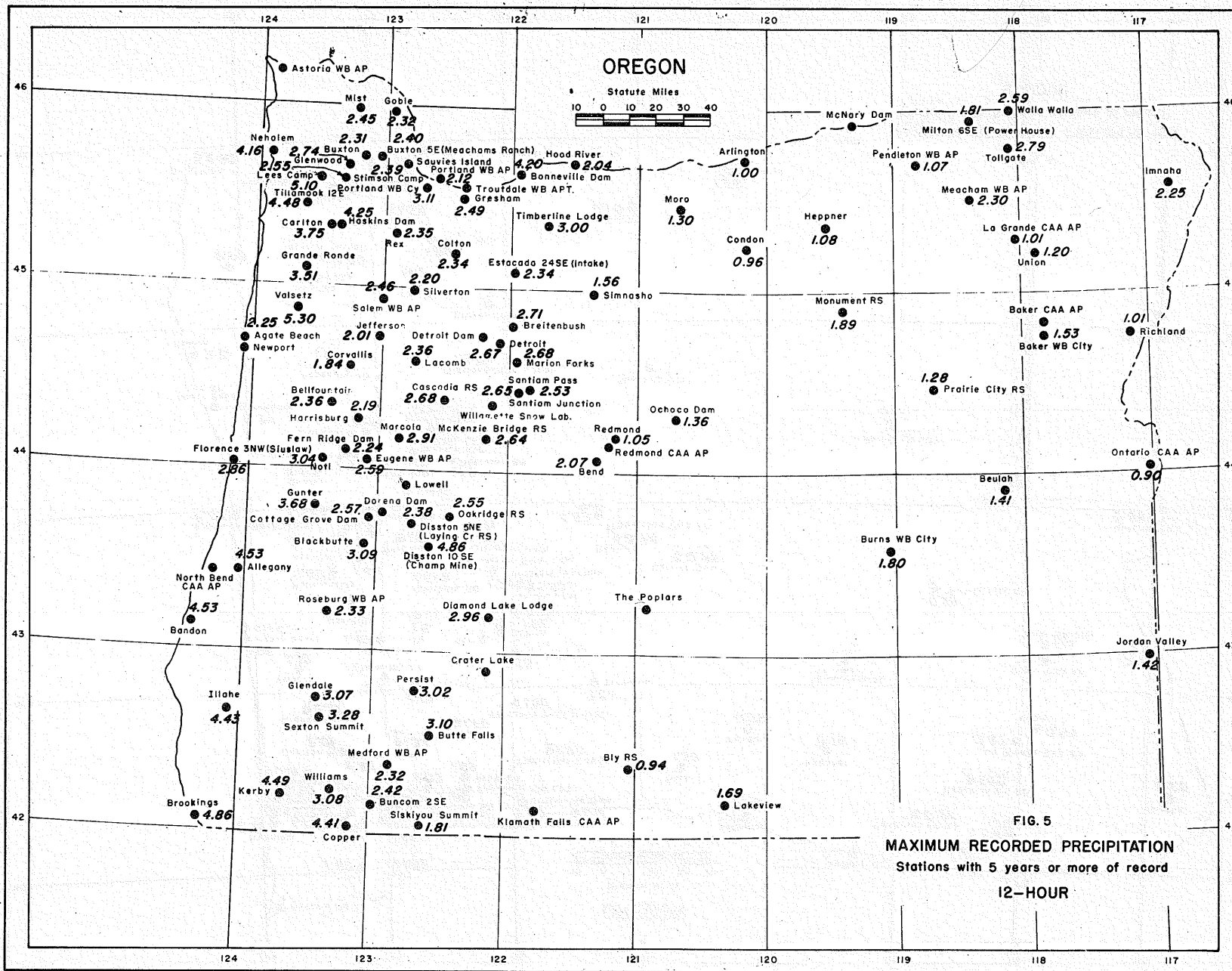


FIG. 5
MAXIMUM RECORDED PRECIPITATION
Stations with 5 years or more of record
12-HOUR

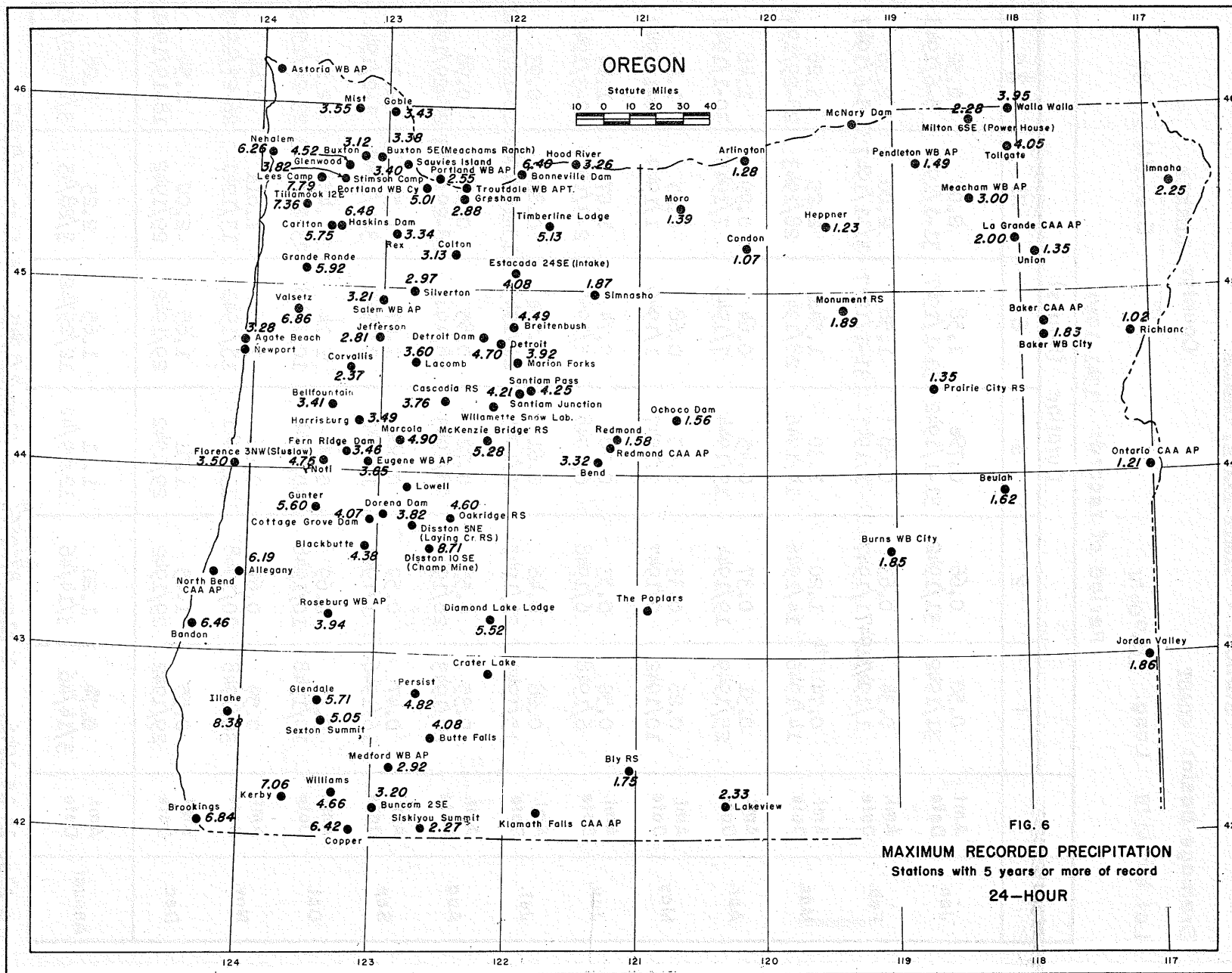


FIG. 6
MAXIMUM RECORDED PRECIPITATION
 Stations with 5 years or more of record
 24-HOUR

Station: AGATE BEACH, OREGON

Drainage basin: COAST

County: LINCOLN

Lat. 44° 41' N Long. 124° 04' W

Elev.(ft.) 87

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 31/1942	0.66 31/1942	0.79e 31-1/1942	1.58 31-1/1947	2.00 31-1/1947	2.52 5-6/1948
Feb.	Amt. Date	0.34 1/1947	0.63 1/1947	0.88 1/1947	1.58 31-1/1947	2.00 31-1/1947	2.36 5-6/1943
Mar.	Amt. Date	0.74 14/1946	1.20 14/1946	1.30 14/1946	1.54a 28/1943	2.25 28/1943	3.28 28-29/1943
Apr.	Amt. Date	0.31 25/1949	0.37 19/1944	0.45 19/1944	0.64 7/1945	0.99 7/1945	1.48 30-1/1949
May	Amt. Date	0.26 10/1942	0.33 9/1947	0.45 9/1947	0.68 1/1949	0.87 1/1949	1.48 30-1/1949
Jun.	Amt. Date	0.50 6/1948	0.53 6/1948	0.70 6/1948	0.74 3/1947	1.07 2-3/1947	1.87 2-3/1947
Jul.	Amt. Date	0.28 15/1942	0.46 21/1945	0.61 21/1945	0.70b 21/1945	0.82 15-16/1942	0.93 15-16/1942
Aug.	Amt. Date	0.35 28/1943	0.55 28/1943	0.72 28/1943	0.85 28/1943	0.98 28-29/1943	0.98 28-29/1943
Sep.	Amt. Date	0.47 16/1946	0.59 1/1941	0.68c 1/1941	1.07 3/1945	1.54 3-4/1945	2.30 1-2/1941
Oct.	Amt. Date	0.38 10/1948	0.69 10/1948	0.94 10/1948	1.14 10/1948	1.45 23-24/1943	2.20 23-24/1943
Nov.	Amt. Date	0.59 30/1948	0.61 30/1948	0.66 13/1941	1.26 13/1941	1.81d 13/1941	2.44 26-27/1945
Dec.	Amt. Date	0.55 29/1942	1.05 29/1942	1.51 29/1942	1.65 29/1942	2.00 29/1942	2.54 18-19/1941
Annual	Amt. Date	0.74 3/14/46	1.20 3/14/46	1.51 12/29/42	1.65 12/29/42	2.25 3/28/43	3.28 3/28-29/43

a Also 14-15 1946. b Also 8/1946. c Also 3/1945. d Also 26/1945.

Station: ALLEGANY, OREGON

Drainage basin: COAST

County: COOS

Lat. 43° 25'N Long. 124° 02'W

Elev.(ft.) 41

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 6/1948	0.88 6/1948	1.25 6/1948	2.19 6/1948	3.12 6/1948	5.03 5-6/1948
Feb.	Amt. Date	0.44 21/1948	0.71 21/1948	1.01 21/1948	1.89 20-21/1948	3.41 20-21/1948	5.76 20-21/1948
Mar.	Amt. Date	0.46 22/1948	0.71 17/1945	1.00 22/1948	1.60 17/1945	2.45 17/1945	3.37 16-17/1945
Apr.	Amt. Date	0.80 3/1942	0.80 3/1942	0.82 3/1942	1.21 30-1/1949	1.98 30-1/1949	3.92 30-1/1949
May	Amt. Date	0.31 1/1949	0.50 1/1949	0.72 1/1949	1.21 30-1/1949	2.00 1/1949	3.92 30-1/1949
Jun.	Amt. Date	0.42 7/1947	0.58 7/1947	0.62 23/1941	0.95 23-24/1941	1.22 23-24/1941	1.35 8-9/1947
Jul.	Amt. Date	0.28 8/1946	0.39 8/1946	0.39 ^a 8/1946	0.57 27/1947	0.93 27/1947	1.39 27/1947
Aug.	Amt. Date	0.34 28/1943	0.65 28/1943	0.86 28/1943	0.88 28-29/1943	1.06 28-29/1943	1.10 23-24/1950
Sep.	Amt. Date	0.54 2/1941	1.07 2/1941	1.24 2/1941	1.49 2/1941	1.66 2/1941	2.69 1-2/1941
Oct.	Amt. Date	0.75 15/1947	1.15 15/1947	1.56 15/1947	2.96 15/1947	4.53 15/1947	5.91 15-16/1947
Nov.	Amt. Date	0.55 29/1942	1.05 29/1942	1.35 23/1949	2.20 23/1949	2.98 25-26/1946	4.72 25-26/1946
Dec.	Amt. Date	0.81 2/1941	1.15 1-2/1941	1.55 1-2/1941	2.55 10/1948	3.94 10/1948	6.19 1-21/1941
Annual	Amt. Date	0.81 12/2/41	1.15 ^b 10/15/47	1.56 10/15/47	2.96 10/15/47	4.53 10/15/47	6.19 12/1-2/41

a Also 27/1947. b Also 12/1-2/1941.

Station: ARLINGTON, OREGON

Drainage basin: COLUMBIA

County: GILLIAM

Lat. 45° 43' N Long. 120° 11' W

Elev.(ft.) 350

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 6/1948	0.29 6/1948	0.37 6/1948	0.65 6/1948	0.98 6/1948	1.28 6-7/1948
Feb.	Amt. Date	0.13a 11/1944	0.19 27/1946	0.26 27/1946	0.37 27/1946	0.45 8-9/1942	0.47 18-19/1949
Mar.	Amt. Date	0.13 29/1943	0.20 29/1943	0.25b 29/1943	0.44 29/1943	0.48 29/1943	0.48 29/1943
Apr.	Amt. Date	0.15 11/1945	0.27 11/1945	0.35 11/1945	0.36 11/1945	0.50 27/1943	0.54 27/1943
May	Amt. Date	0.29 13/1945	0.32 12/1945	0.36 12/1945	0.42 12/1945	0.53 26-27/1945	0.75 12/1945
Jun.	Amt. Date	0.39 28/1946	0.40 28/1946	0.55 16/1944	0.98 16/1944	1.00 16/1944	1.14 16/1944
Jul.	Amt. Date	0.36 10/1947	0.39 10/1947	0.41 10/1947	0.45 27/1947	0.55 27-28/1947	0.61 27-28/1947
Aug.	Amt. Date	0.15 31/1946	0.20 31/1946	0.20 31/1946	0.21 5/1943	0.31 4-5/1943	0.31 4-5/1943
Sep.	Amt. Date	0.22 6/1946	0.23 6/1946	0.25 6/1946	0.30 6/1946	0.30c 6/1946	0.32 16-17/1947
Oct.	Amt. Date	0.19d 20/1943	0.35 30/1945	0.43 30/1945	0.53 20-21/1943	0.59 20/1947	0.80 19-20/1947
Nov.	Amt. Date	0.26 3/1944	0.43 3/1944	0.50 3/1944	0.60 3/1944	0.67 14-15/1941	1.04 2-3/1944
Dec.	Amt. Date	0.24 28/1945	0.38 28/1945	0.43 28/1945	0.71 28/1945	1.00 28/1945	1.20 27-28/1945
Annual	Amt. Date	0.39 6/28/46	0.43 11/3/44	0.55 6/16/44	0.98 6/16/44	1.00e 6/16/44	1.28 1/6-7/48

a Also 27/1946. b Also 4/1944. c Also 16-17/1947.

d Also 30/1945. e Also 12/28/1945.

Station: BAKER, WB CITY, OREGON*

Drainage basin: SNAKE

County: BAKER

Lat. 44° 46' N Long. 117° 50' W

Elev.(ft.) 3446

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 2/1940	0.43 2/1940	0.53 2/1940	0.60 2/1940	0.61 2/1940	0.61 2/1940
Feb.	Amt. Date	0.20 6/1940	0.24 6/1940	0.25 5-6/1940	0.34a 5-6/1940	0.61 14-15/1949	0.75 14-15/1949
Mar.	Amt. Date	0.13 24/1940	0.22 14/1948	0.31 14/1948	0.37 14/1948	0.55 14/1948	0.64 13/1948
Apr.	Amt. Date	0.21b 28/1942	0.41 28/1942	0.50 28/1942	0.76 28/1942	0.93 28/1942	0.94 27/1942
May	Amt. Date	0.33 30/1944	0.54 30/1944	0.60 30/1944	0.81 8/1946	1.06 29-30/1944	1.19 7-8/1946
Jun.	Amt. Date	0.56 30/1943	1.09 30/1943	1.14 30/1943	1.14 30/1943	1.14 30/1943	1.14 30/1943
Jul.	Amt. Date	0.30 10/1949	0.30 10/1949	0.30 10/1949	0.30 10/1949	0.30 10/1949	0.40 2-3/1943
Aug.	Amt. Date	0.25 10/1948	0.27 23/1948	0.28 23/1948	0.35 23/1948	0.35 23/1948	0.38 29/1943
Sep.	Amt. Date	0.74 15/1940	0.93 15-16/1940	0.95 15-16/1940	1.08 15-16/1940	1.08 15-16/1940	1.09 15-16/1940
Oct.	Amt. Date	0.23 2/1940	0.31 7/1947	0.35 7/1947	0.53 7/1947	0.64 7/1947	0.91 25-26/1940
Nov.	Amt. Date	0.20 3/1944	0.27 3/1944	0.28 3/1944	0.42 23/1949	0.62 23/1949	0.69 23/1949
Dec.	Amt. Date	0.12 28/1945	0.21 16/1941	0.31 16/1941	0.42 2/1948	0.49 2/1941	0.59 2-3/1941
Annual	Amt. Date	0.74 9/15/40	1.09 6/30/43	1.14 6/30/43	1.14 6/30/43	1.14 6/30/43	1.19 5/7-8/46

January 1-, 2-hr, February 1-hr, March 1-, 2-hr, April 2-hr, May 1-, 2-hr, June 1-, 2-hr, September 1-, 2-hr and October 1-, 2 and 24-hour are true maxima.

a Also 14/1949 b Also 2/1947.

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

Station: BAKER, WB CITY, OREGON

Drainage basin: SNAKE

County: BAKER

Lat. 44° 46'N Long. 117° 50'W

Elev.(ft.) 3446

Period of record: 1906-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29 2/1940	0.43 2/1940	0.53 2/1940	0.60 2/1940	0.61 2/1940	0.84 10-11/1918
Feb.	Amt. Date	0.23 16/1909	0.25 16/1909	0.36 12/1938	0.46 11-12/1938	0.75 11-12/1938	0.82E 11-12/1938
Mar.	Amt. Date	0.18 29/1915	0.29 29/1915	0.39 29/1915	0.54 28-29/1915	0.69 28-29/1915	0.76 28-29/1915
Apr.	Amt. Date	0.30 23/1930	0.42 15/1913	0.54 15/1913	0.76 28/1942	1.06 15/1913	1.06 15/1913
May	Amt. Date	0.33 30/1944	0.54 30/1944	0.60 30/1944	0.81 8/1946	1.06 29-30/1944	1.25 28-29/1906
Jun.	Amt. Date	0.61 8/1913	1.09 30/1943	1.14 30/1943	1.15 26/1934	1.53 26/1934	1.54 26/1934
Jul.	Amt. Date	0.89 13/1908	0.92 13/1908	0.95 13/1908	0.95 13/1908	1.04 13/1908	1.11 12-13/1908
Aug.	Amt. Date	0.48 11/1913	0.68 15/1930	0.75 15/1930	0.81 25/1920	1.08 25/1930	1.30 2-3/1912
Sep.	Amt. Date	0.74 15/1940	0.93 15-16/1940	0.95 15-16/1940	1.08 15-16/1940	1.11 23/1917	1.83 22-23/1917
Oct.	Amt. Date	0.23 2/1940	0.31 7/1947	0.35 7/1947	0.53 7/1947	0.66 6-7/1913	1.07 23-24/1934
Nov.	Amt. Date	0.27 19/1937	0.41 19/1937	0.47 19/1937	0.54 19/1937	0.65 21-22/1909	1.08 19-20/1921
Dec.	Amt. Date	0.12 28/1945	0.21 16/1941	0.31 16/1941	0.42 2/1948	0.49 2/1941	0.77 10/1938
Annual	Amt. Date	0.89 7/13/08	1.09 6/30/43	1.14 6/30/43	1.15 6/26/34	1.53 6/26/34	1.83 9/22-23/17

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

Station: BANDON, OREGON

Drainage basin: COAST

County: COOS

Lat. 43° 07' N Long. 124° 22' W

Elev.(ft.) 248

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.95 22/1950	1.70 22/1950	2.05 22-23/1950	2.53 22-23/1950	3.02 22-23/1950	3.50 6-7/1950
Feb.	Amt. Date	0.42 14/1948	0.66 14/1948	0.83 14-15/1948	1.30 14-15/1948	1.85 20-21/1948	3.34 20-21/1948
Mar.	Amt. Date	0.90 15/1946	1.00 15/1946	1.11 15/1946	1.18 14-15/1946	1.50 19-20/1945	2.38 28-29/1943
Apr.	Amt. Date	0.70 13/1944	0.85 13/1944	0.97 11/1948	1.25 11/1948	1.52 ^a 30-1/1949	3.03 30-1/1949
May	Amt. Date	0.35 ^a 3/1948	0.64 1/1949	0.77 1/1949	1.15 1/1949	2.00 1/1949	3.07 1/1949
Jun.	Amt. Date	0.27 2/1944	0.33 7/1947	0.40 7/1947	0.58 11/1950	0.85 11/1950	1.23 1/1943
Jul.	Amt. Date	0.20 26/1947	0.26 27/1947	0.30 ^b 21/1945	0.42 ^b 21/1945	0.67 27/1947	1.10 26-27/1947
Aug.	Amt. Date	0.42 28/1943	0.60 28/1943	0.67 28/1943	0.68 28/1943	0.73 28-29/1943	0.73 28-29/1943
Sep.	Amt. Date	0.33 22/1948	0.49 15/1949	0.58 4/1945	0.86 4/1945	1.17 24-25/1950	1.25 24-25/1950
Oct.	Amt. Date	0.86 15/1947	1.55 15/1947	2.02 15/1947	3.07 15/1947	4.48 15/1947	5.48 15-16/1947
Nov.	Amt. Date	1.70 5/1940	2.50 5/1940	2.86 5/1940	3.21 4-5/1940	4.53 14-15/1941	6.46 14-15/1941
Dec.	Amt. Date	0.90 25/1940	1.35 25/1940	1.80 25-26/1940	2.43 25-26/1940	2.97 25-26/1940	3.99 1-2/1941
Annual	Amt. Date	1.70 11/5/40	2.50 11/5/40	2.86 11/5/40	3.21 11/4-5/40	4.53 11/14-15/41	6.46 11/14-15/41

a Also 1/1949. b Also 27/1947.

Station: BELLFOUNTAIN, OREGON

Drainage basin: WILLAMETTE

County: BENSON

Lat. 44° 21' N Long. 123° 23' W

Elev.(ft.) 320

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.44 6/1948	0.87 6/1948	1.05 6/1948	1.58 6/1948	2.36 6/1948	3.40 6/1948
Feb.	Amt. Date	0.30 10/1949	0.59 10/1949	0.84 10/1949	1.54 10/1949	2.17 10/1949	2.95 9-10/1949
Mar.	Amt. Date	0.31 21/1948	0.53 21-22/1948	0.72 21-22/1948	1.10 21-22/1948	1.79 12/1946	1.99 11-12/1946
Apr.	Amt. Date	0.28 16/1948	0.32 1/1941	0.35 1/1941	0.46 30/1949	0.91 30-1/1949	1.60 30-1/1949
May	Amt. Date	0.60 22/1945	0.65 22/1945	0.67 22/1945	0.97 3/1948	1.42 3/1948	1.60 30-1/1949
Jun.	Amt. Date	0.66 10/1950	0.70 10/1950	0.70 10/1950	0.70 10/1950	0.70 10/1950	0.78 24-25/1942
Jul.	Amt. Date	0.20 5/1948	0.30 27/1947	0.36 27/1947	0.50 27/1947	0.77 27/1947	1.04 26-27/1947
Aug.	Amt. Date	0.20 4/1943	0.35 4/1943	0.39 4/1943	0.40 4-5/1943	0.41 4-5/1943	0.41 4-5/1943
Sep.	Amt. Date	0.37 6/1947	0.53 11/1941	0.66 11/1941	0.89 11/1941	0.98 1/1941	1.50 10-11/1941
Oct.	Amt. Date	0.30a 31/1944	0.53 23/1940	0.75 23/1940	1.20 23-24/1943	2.08 15/1947	3.39 15-16/1947
Nov.	Amt. Date	0.41 14/1942	0.81 14/1942	1.11 14/1942	1.63 14/1942	2.17E 15/1950	3.41E 15/1950
Dec.	Amt. Date	0.45 31/1948	0.69 31/1948	0.81 31/1948	1.31 1-2/1941	1.69 1-2/1941	2.94 1-2/1941
Annual	Amt. Date	0.66 6/10/50	0.87 1/6/48	1.11 11/14/42	1.63 11/14/42	2.36 1/6/48	3.41E 11/15/50

a Also 15/1947.

Station: BEND, OREGON

Drainage basin: DESCHUTES

County: DESCHUTES

Lat. 44° 04' N Long. 121° 19' W

Elev.(ft.) 3599

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 7/1948	0.29 7/1948	0.39 21/1943	0.66 20-21/1943	1.07 20-21/1943	1.31a 20-21/1943
Feb.	Amt. Date	0.12 10/1941	0.20 21/1948	0.30 21-22/1948	0.44b 21-22/1948	0.56 7-8/1944	0.65 11/1941
Mar.	Amt. Date	0.10c 29/1943	0.20 29/1943	0.25 29/1943	0.33 29/1943	0.48 19/1946	0.67 18-19/1946
Apr.	Amt. Date	0.19 17/1947	0.19 17/1947	0.19 17/1947	0.28 30/1943	0.33 27-28/1943	0.34 30/1943
May	Amt. Date	0.52 29/1947	0.52 29/1947	0.53 29/1947	0.73 19/1948	0.97 19/1948	1.01 19/1948
Jun.	Amt. Date	0.45 6/1948	0.45 6/1948	0.49 17/1948	0.73 11/1950	1.10 11/1950	1.63 11-12/1950
Jul.	Amt. Date	0.95 13/1945	0.96 13/1945	1.00 13/1945	1.00 13/1945	1.00 13/1945	1.00 13/1945
Aug.	Amt. Date	1.24 8/1950	1.48 8/1950	1.49 8/1950	1.58 8/1950	1.60 8-9/1950	1.60 8-9/1950
Sep.	Amt. Date	0.25 2/1946	0.32 2/1946	0.39 2/1946	0.40 2/1946	0.66 25-26/1948	0.77 25-26/1948
Oct.	Amt. Date	0.31 28/1950	0.53 28/1950	0.73 28/1950	1.20 28/1950	2.07 28/1950	3.32 27-28/1950
Nov.	Amt. Date	0.22 14/1942	0.40 14/1942	0.49 18/1945	0.82 18/1945	1.44 18/1945	1.54 18-19/1945
Dec.	Amt. Date	0.25 11/1948	0.37 28/1945	0.47 28/1945	0.84 28/1945	1.59 28/1945	2.38 27-28/1945
Annual	Amt. Date	1.24 8/8/50	1.48 8/8/50	1.49 8/8/50	1.58 8/8/50	2.07 10/28/50	3.32 10/27-28/50

a Also 29-30/1943.

b Also 8/1944.

c Also 12/1946 and 22/1947.

Station: BEULAH, OREGON

Drainage basin: MALHEUR

County: MALHEUR

Lat. 43° 55'N Long. 118° 10'W

Elev.(ft.) 3277

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.14a 20/1943	0.21 27/1942	0.30 27/1942	0.64 23/50	0.75 22-23/1950	0.87 17-18/1950
Feb.	Amt. Date	0.14 12/1947	0.27 11-12/1947	0.32 11-12/1947	0.44 11-12/1947	0.65 11-12/1947	0.93 11-12/1947
Mar.	Amt. Date	0.15 18/1950	0.20b 22/1945	0.27 22/1945	0.46 22/1945	0.58 22/1945	0.58 22/1945
Apr.	Amt. Date	0.14c 27/1942	0.15d 27/1942	0.21 4/1942	0.29 13/1944	0.36 30/1949	0.69 30/1949
May	Amt. Date	0.34 30/1944	0.42 30/1944	0.49 30/1944	0.72 30/1944	1.02 30/1944	1.44 30/1944
Jun.	Amt. Date	1.00 3/1948	1.16 3/1948	1.17 3/1948	1.32 3/1948	1.41 3/1948	1.62 3-4/1948
Jul.	Amt. Date	0.60 26/1946	0.74 26/1946	0.74 26/1946	0.74 26/1946	0.74 26/1946	0.74 26/1946
Aug.	Amt. Date	0.38 7/1948	0.45 11/1941	0.62 11/1941	0.82 11/1941	0.82 11/1941	0.82 11/1941
Sep.	Amt. Date	0.23 20/1945	0.29 20/1945	0.29 20/1945	0.29 20/1945	0.44 20/1945	0.54 20-21/1945
Oct.	Amt. Date	0.29 26/1950	0.32e 30/1945	0.35 4/1948	0.60 28/1941	0.70 27-28/1941	0.87 27-28/1941
Nov.	Amt. Date	0.26 3/1944	0.31 3/1944	0.47 3/1944	0.61 3/1944	0.81 7/1942	1.16 2-3/1944
Dec.	Amt. Date	0.16 6/1950	0.24 6/1950	0.29 6/1950	0.47 6/1950	0.67 10-11/1948	0.90 27-28/1945
Annual	Amt. Date	1.00 6/3/48	1.16 6/3/48	1.17 6/3/48	1.32 6/3/48	1.41 6/3/48	1.62 6/3-4/48

a Also 23/1950. b Also 18/1950. c Also 13/1944.

d Also 13/1944 and 17/1947. e Also 4/1948.

Station: BLACKBUTTE, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 43° 35'N Long. 123° 04'W

Elev.(ft.) 1200

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 25/1941	0.66 25/1941	0.85 25/1941	1.39E 20/1943	2.11E 20/1943	3.46E 20-21/1943
Feb.	Amt. Date	0.41 21/1948	0.69 28/1940	0.84 28/1940	1.25 22/1949	1.74 22/1949	2.39 20-21/1948
Mar.	Amt. Date	0.42 1/1940	0.60 1/1940	0.76 1/1940	1.10 16-17/1950	1.92 17/1945	2.45 17/1945
Apr.	Amt. Date	0.28 4/1941	0.37 4/1941	0.46a 4/1941	0.73 4-5/1941	1.10 4-5/1941	2.18 30-1/1949
May	Amt. Date	0.57 7/1947	0.70 7/1947	0.70 7/1947	0.83 3/1948	1.45 1-2/1949	2.34 1-2/1949
Jun.	Amt. Date	0.37 8/1948	0.47 25/1943	0.55b 25/1943	0.92 8/1947	1.29 8/1947	1.44 8-9/1947
Jul.	Amt. Date	0.25 16/1942	0.30 16/1942	0.30 16/1942	0.50 25-26/1947	0.77 25-26/1947	1.42 25-26/1947
Aug.	Amt. Date	0.35 28/1943	0.60 28-29/1943	0.70 28-29/1943	0.83 28-29/1943	1.02 28-29/1943	1.20 28-29/1943
Sep.	Amt. Date	0.78 14/1940	0.88 14/1940	0.88 14/1940	1.09 1/1941	1.51 27/1940	1.94 1-2/1941
Oct.	Amt. Date	0.49 28/1950	0.96 28/1950	1.36 28/1950	1.87 28/1950	2.57 28/1950	4.38 28-29/1950
Nov.	Amt. Date	0.65 14/1941	1.27 14/1941	1.53 14/1941	2.29 14/1941	3.09 14/1941	4.24 14-15/1941
Dec.	Amt. Date	0.53 17/1941	0.84 17/1941	1.00c 17/1941	1.64 8/1942	2.70 28/1945	4.10 27-28/1945
Annual	Amt. Date	0.78 9/14/40	1.27 11/14/41	1.53 11/14/41	2.29 11/14/41	3.09 11/14/41	4.38 10/28-29/50

a Also 7/1945.

b Also 8/1947.

c Also 8/1942.

Station: BLY RANGER STATION, OREGON

Drainage basin: KLAMATH

County: KLAMATH

Lat. 42° 24' N Long. 121° 03' W

Elev.(ft.) 4356

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 ^a 21/1943	0.36 21/1943	0.45 21/1943	0.82 21/1943	1.05 20-21/1943	1.43 20-21/1943
Feb.	Amt. Date	0.17 22/1949	0.22 22/1949	0.26 22/1949	0.43 5/1942	0.63 5/1942	0.97 10-11/1941
Mar.	Amt. Date	0.25 28/1941	0.38 18/1946	0.43 18/1946	0.60 18/1946	0.94 ^E 22/1948	1.75 ^E 22-23/1948
Apr.	Amt. Date	0.30 7/1949	0.37 7/1949	0.40 7/1949	0.40 7/1949	0.61 30/1943	0.77 30/1943
May	Amt. Date	0.16 21/1945	0.22 14/1945	0.28 14/1945	0.41 14/1945	0.57 25/1942	0.72 25/1942
Jun.	Amt. Date	0.37 14/1944	0.54 14/1944	0.62 14/1944	0.66 14/1944	0.66 14/1944	0.74 10-11/1950
Jul.	Amt. Date	^{1.46} 0.38 31/1948 _{12/1956}	^{1.78} 0.41 31/1948 _{12/1956}	0.54 27/1941	^{1.92} 0.62 31/1948 _{12/1956}	0.62 31/1948	0.62 31/1948
Aug.	Amt. Date	0.17 18/1941	0.21 18/1941	0.24 18/1941	0.27 11/1941	0.36 10-11/1941	0.46 10-11/1941
Sep.	Amt. Date	0.20 21/1944	0.35 21/1944	0.44 21/1944	0.47 21/1944	0.54 21/1944	0.95 19-20/1948
Oct.	Amt. Date	0.35 5/1950	0.57 5/1950	0.67 5/1950	0.75 29/1950	0.81 29-30/1950	0.88 27-28/1950
Nov.	Amt. Date	0.27 14/1942	0.41 14/1942	0.51 14/1942	0.62 14/1942	0.77 14/1942	1.50 18-19/1946
Dec.	Amt. Date	0.29 ^E 16/1941	0.45 ^E 16/1941	0.69 ^E 16/1941	0.79 ^E 16/1941	0.90 13-14/1950	0.98 13-14/1950
Annual	Amt. Date	0.38 7/31/48	0.57 10/5/50	0.69 ^E 12/16/41	0.79 ^E 12/16/41	0.94 ^E 3/22/48	1.75 3/22-23/48

a Also 2/1948.

Station: BONNEVILLE DAM, OREGON

Drainage basin: COLUMBIA

County: MULTNOMAH

Lat. 45° 38'N Long. 121° 58'W

Elev.(ft.) 85

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 30/1947	0.72 6/1948	0.94 6/1948	1.84 6/1948	2.61E 6-7/1948	4.34 6/1948
Feb.	Amt. Date	0.65 1/1947	0.86 24/1946	1.00 17/1949	1.60 10/1949	2.85 17/1949	4.11 16-17/1949
Mar.	Amt. Date	0.35a 9/1942	0.60 12/1946	0.90 12/1946	1.40 12/1946	2.13 12/1946	2.61 30-31/1943
Apr.	Amt. Date	0.35 2/1950	0.50 1-2/1950	0.70 1/1950	1.22 30/1940	1.62 30/1940	2.16 30-1/1949
May	Amt. Date	0.27 3/1948	0.52 3/1948	0.65 3/1948	0.90 3/1948	1.34 3/1948	2.33 1-2/1949
Jun.	Amt. Date	0.50 26/1949	0.77 26/1949	0.99 26/1949	1.17 26/1949	1.47 25-26/1949	1.56 31-1/1944
Jul.	Amt. Date	0.22 24/1949	0.44 24/1949	0.49 24/1949	0.86 8/1946	1.14 8/1946	1.50 8-9/1946
Aug.	Amt. Date	0.22 22/1950	0.36 30/1943	0.44 30/1943	0.62 30/1943	0.82 30/1943	0.89 29-30/1943
Sep.	Amt. Date	0.61 25/1950	0.71 20/1945	0.96 19-20/1945	1.18 19-20/1945	1.55 15/1949	2.52 26-27/1940
Oct.	Amt. Date	0.88 19/1947	1.68 19/1947	2.48 19/1947	3.60 18-19/1947	4.20 18-19/1947	6.40 18-19/1947
Nov.	Amt. Date	0.40 23/1949	0.70 23/1949	0.90b 14/1948	1.52 23/1942	2.84 23/1942	4.40 22-23/1942
Dec.	Amt. Date	0.46 6/1945	0.70 11/1946	1.00 27/1942	1.65 27/1942	2.63 27-28/1945	5.05 27-28/1945
Annual	Amt. Date	0.88 10/19/47	1.68 10/19/47	2.48 10/19/47	3.60 10/18-19/47	4.20 10/18-19/47	6.40 10/18-19/47

a Also 26/1943.

b Also 23/1948 and 23/1949.

Station: BREITENBUSH, OREGON

Drainage basin: WILLAMETTE

County: MARION

Lat. 44° 47'N Long. 121° 59'W

Elev.(ft.) 2220

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.26 10/1950	0.46 10/1950	0.57 10/1950	0.99E 24/1946	1.78E 23-24/1946	2.83E 20-21/1950
Feb.	Amt. Date	0.30 27/1946	0.57 27/1946	0.82 27/1946	1.25a 7-8/1945	1.70 7-8/1945	2.55 7-8/1945
Mar.	Amt. Date	0.22 15/1946	0.41E 12/1946	0.55 12/1946	0.84 12/1946	1.50E 12/1946	2.76E 11-12/1946
Apr.	Amt. Date	0.23 13/1944	0.30 20/1943	0.40 20/1943	0.70 20/1943	1.15 20/1943	1.75 20/1943
May	Amt. Date	0.25 12/1941	0.43 22/1942	0.54 4/1941	0.83 4/1941	1.50 4-5/1941	2.36 4-5/1941
Jun.	Amt. Date	0.30 5/1942	0.48 5/1942	0.61 5/1942	0.79 5/1942	0.96 5/1942	0.96 5/1942
Jul.	Amt. Date	0.40 18/1941	0.63 18/1941	0.83 18/1941	0.83 18/1941	0.83 18/1941	0.83 18/1941
Aug.	Amt. Date	0.77 8/1941	1.20 8/1941	1.23 8/1941	1.27 8/1941	1.27 8/1941	1.27 8/1941
Sep.	Amt. Date	0.25 20/1945	0.47 20/1945	0.57 20/1945	0.80 15/1949	1.34 15/1949	1.60 14-15/1949
Oct.	Amt. Date	0.27E 21/1943	0.46E 21/1943	0.65E 21/1943	0.96E 21/1943	1.54 23/1943	2.67E 21-22/1943
Nov.	Amt. Date	0.43 14/1942	0.73 14/1942	0.96 14/1942	1.55 14/1942	2.71 26-27/1945	4.49 26-27/1945
Dec.	Amt. Date	0.35 15/1941	0.52 2/1941	0.72 2/1941	1.28 2/1941	2.39 2/1941	4.38 27-28/1945
Annual	Amt. Date	0.77 8/8/41	1.20 8/8/41	1.23 8/8/41	1.55 11/14/42	2.71 11/26-27/45	4.49 11/26-27/45

a Also 26/27/1946.

Station: BROOKINGS, OREGON

Drainage basin: COAST

County: CURRY

Lat. 42° 03' N Long. 124° 17' W

Elev. (ft.) 162

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 29/1947	0.95 29/1947	1.20 29/1947	1.90 29/1947	2.98a 1/1948	3.60 1-2/1948
Feb.	Amt. Date	0.70 12/1945	1.20 12-13/1945	1.80 12-13/1945	2.90 12-13/1945	4.87 12-13/1945	6.84 12-13/1945
Mar.	Amt. Date	0.76 22/1948	0.99 22/1948	1.20 22/1948	1.62 22/1948	2.28 25-26/1943	3.35 16-17/1950
Apr.	Amt. Date	0.80 11/1944	0.91 11/1944	0.99 28/1943	1.47 14/1948	2.27 30-1/1949	4.51 30-1/1949
May	Amt. Date	0.35b 17/1941	0.60b 24/1942	0.87 24/1942	1.37 1/1949	2.27 30-1/1949	4.51 30-1/1949
Jun.	Amt. Date	0.34 24/1942	0.59 22/1941	0.83 22/1941	1.30 22/1941	1.51 2/1947	1.66E 2-3/1947
Jul.	Amt. Date	0.34 26/1947	0.62 26/1947	0.84 26/1947	1.36 26/1947	2.46 26/1947	4.28 26-27/1947
Aug.	Amt. Date	0.44 29/1943	0.63 29/1943	0.80 28-29/1943	0.82 28-29/1943	0.97 17/1948	1.06 16-17/1948
Sep.	Amt. Date	1.76 29/1944	1.99 29/1944	2.11 29/1944	2.20 29/1944	2.56 29/1944	2.70 29-30/1944
Oct.	Amt. Date	0.69 20/1943	1.20 9/1949	1.75 9/1949	2.67 9/1949	3.13 15/1947	4.78 15-16/1947
Nov.	Amt. Date	0.86 2/1948	1.13 4/1943	1.46 7/1942	2.05 7/1942	2.98 7/1942	4.88 3-4/1943
Dec.	Amt. Date	0.58 28/1945	1.01 7/1948	1.47 7/1948	2.54 7/1948	4.12 20/1940	5.75 19-20/1940
Annual	Amt. Date	1.76 9/29/44	1.99 9/29/44	2.11 9/29/44	2.90 2/12-13/45	4.87 2/12-13/45	6.84 2/12-13/45

a Also 20-21/1950. b Also 1/1949.

Station: BUNCOM, 2 S.E., OREGON

Drainage basin: ROGUE

County: JACKSON

Lat. 42° 09'N Long. 122° 58'W

Elev.(ft.) 1925

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 25/1947	0.42 4/1948	0.62 4/1948	1.05 3-4/1948	1.66 3-4/1948	2.47 20-21/1943
Feb.	Amt. Date	0.35 22/1949	0.65 22/1949	0.75 22/1949	1.15 22/1949	1.40 22/1949	1.45 21-22/1949
Mar.	Amt. Date	0.26 1/1940	0.47 1/1940	0.60 1/1940	0.79 16-17/1945	1.07 26/1940	1.40 26-27/1940
Apr.	Amt. Date	0.30 1/1948	0.40 7/1945	0.53 7/1945	0.63 7/1945	0.72 7-8/1945	0.72 7-8/1945
May	Amt. Date	0.30 11/1941	0.50 11/1941	0.63 11/1942	1.06 12-13/1942	1.30 12-13/1942	1.41 12-13/1942
Jun.	Amt. Date	0.76 20/1944	0.95 20/1944	1.06 20/1944	1.11 20/1944	1.33 20-21/1944	1.40 20-21/1944
Jul.	Amt. Date	0.24 19/1940	0.39 19/1940	0.51 19/1940	0.51 19/1940	0.58 26/1947	0.93 26-27/1947
Aug.	Amt. Date	0.49 6/1945	0.79 6/1945	0.79 6/1945	0.79 6/1945	0.79 6/1945	0.79 6/1945
Sep.	Amt. Date	0.42 15/1940	0.43 15/1940	0.47 15/1940	0.60 18/1940	0.71 17-18/1940	0.95 17-18/1940
Oct.	Amt. Date	0.33a 20/1943	0.57 26/1950	0.68 26/1950	1.22 28/1950	1.92 27-28/1950	3.20 28-29/1950
Nov.	Amt. Date	0.40 18/1946	0.70 18/1946	1.00 18/1946	1.60 18/1946	2.42 18/1946	2.90 18-19/1946
Dec.	Amt. Date	0.26b 6/1942	0.46c 2/1941	0.68 2/1941	1.24 2/1941	2.11 2/1941	3.18 1-2/1941
Annual	Amt. Date	0.76 6/20/44	0.95 6/20/44	1.06 6/20/44	1.60 11/18/46	2.42 11/18/46	3.20 10/28-29/50

a Also 26/1950.

b Also 12/1948.

c Also 2/1948.

Station: BURNS WB CITY, OREGON

Drainage basin: INTERIOR DRAINAGE

County: HARNEY

Lat. 43° 35' N Long. 119° 03' W

Elev. (ft.) 4143

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.21 27/1950	0.27 23/1950	0.35 23/1950	0.49 17/1950	0.72 17/1950	0.98 13-14/1941
Feb.	Amt. Date	0.20 16/1947	0.35 16/1947	0.50 16/1947	0.80 16/1947	1.05 16/1947	1.14 16-17/1947
Mar.	Amt. Date	0.14 24/1948	0.19 24/1948	0.23 18/1950	0.36 4/1944	0.42 3/1944	0.51 3/1944
Apr.	Amt. Date	0.14 30/1948	0.15 30/1948	0.19E 27/1942	0.37 27/1942	0.39 27/1942	0.41 11-12/1944
May	Amt. Date	0.20 20/1946	0.34 20/1946	0.42 21/1948	0.42 21/1948	0.71 23-24/1945	0.76 23-24/1945
Jun.	Amt. Date	0.90 3/1948	1.05 3/1948	1.40 3/1948	1.70 3/1948	1.80 3-4/1948	1.85 3-4/1948
Jul.	Amt. Date	0.59 26/1946	0.59 26/1946	0.59 26/1946	0.59 26/1946	0.60 26/1946	0.64 26/1946
Aug.	Amt. Date	0.66 1/1949	0.68 1/1949	0.70 1/1949	0.70 1/1949	0.70 1/1949	0.70 1/1949
Sep.	Amt. Date	0.33 28/1947	0.33 28/1947	0.34 28/1947	0.34 28/1947	0.57 4/1940	0.68 3-4/1940
Oct.	Amt. Date	0.15 27/1943	0.23 27/1943	0.25a 27/1943	0.39 24/1940	0.72 24/1940	0.94 23-24/1940
Nov.	Amt. Date	0.17 3/1944	0.33 3/1944	0.40 3/1944	0.59 2-3/1944	0.79 7/1942	1.20b 7/1942
Dec.	Amt. Date	0.15 7/1948	0.25 7/1948	0.34 7/1948	0.54 7/1948	0.77 27/1945	1.26 27/1945
Annual	Amt. Date	0.90 6/3/48	1.05 6/3/48	1.40 6/3/48	1.70 6/3/48	1.80 6/3-4/48	1.85 6/3-4/48

a Also 5/1950.

b Also 2/1944.

Station: BUTTE FALLS, OREGON

Drainage basin: ROGUE

County: JACKSON

Lat. 42° 32' N Long. 122° 33' W

Elev.(ft.) 2500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 ^a 20/1943	0.77 7/1943	0.98 7/1943	1.45 20/1943	2.18 20/1943	3.90 20-21/1943
Feb.	Amt. Date	0.50 4/1945	0.50 4/1945	0.77 22/1949	0.97 22/1949	1.17 22/1949	1.56 12-13/1945
Mar.	Amt. Date	0.40 29/1947	0.52 17/1950	0.70 29/1943	1.10 29/1943	1.60 26/1940	2.03 25-26/1940
Apr.	Amt. Date	0.25 21/1943	0.37 4/1945	0.47 4/1945	0.59 23/1944	0.75 23/1944	0.92 7-8/1945
May	Amt. Date	0.68 13/1949	0.83 13/1949	0.90 13/1949	0.90 13/1949	1.34 15-16/1945	1.56 15-16/1945
Jun.	Amt. Date	0.70 23/1943	0.78 23/1943	0.80 11/1950	1.10 11/1950	1.51 11/1950	2.10 11-12/1950
Jul.	Amt. Date	0.36 18/1943	0.40 18/1943	0.41 18/1943	0.46 27/1947	0.76 27-28/1947	0.78 27-28/1947
Aug.	Amt. Date	0.33 2/1944	0.37 2/1944	0.40 21/1943	0.42 21/1943	0.42 21/1943	0.42 21/1943
Sep.	Amt. Date	0.55 8/1949	1.05 8/1949	1.24 8/1949	1.40 8/1949	1.40 8/1949	1.83 26-27/1940
Oct.	Amt. Date	0.40 27/1950	0.63 28/1950	0.83 28/1950	1.38 27/1950	2.68 27-28/1950	4.08 27-28/1950
Nov.	Amt. Date	0.42 15/1941	0.80 18/1946	1.10 18/1946	1.80 18/1946	3.10 18-19/1946	3.68 18-19/1946
Dec.	Amt. Date	0.41 12/1948	0.55 3/1950	0.70 3/1950	1.10 30/1942	1.90 30/1942	2.82 30/1942
Annual	Amt. Date	0.70 6/23/43	1.05 9/3/49	1.24 9/8/49	1.80 11/18/46	3.10 11/18-19/46	4.08 10/27-28/50

^a Also 10/1950.

Station: BUXTON, OREGON

Drainage basin: WILLAMETTE

County: WASHINGTON

Lat. 45° 42' N Long. 123° 11' W

Elev.(ft.) 370

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 1/1944	0.52 1/1944	0.62 6/1948	1.01 6/1948	1.49 1/1948	2.13 16-17/1941
Feb.	Amt. Date	0.28 8/1950	0.53 8/1950	0.73 8/1950	1.25 5/1946	2.05 5/1946	2.97 6-7/1945
Mar.	Amt. Date	0.25 22/1946	0.39 17/1941	0.49 25/1943	0.79 30/1943	1.47 21/1948	2.17 30-31/1943
Apr.	Amt. Date	0.27 17/1948	0.42 17/1948	0.51 8/1950	0.92 8/1950	1.25 8/1950	1.49 7-8/1950
May	Amt. Date	0.42 26/1941	0.42 26/1941	0.42 26/1941	0.82 3/1948	1.13 3/1948	1.39 1/1949
Jun.	Amt. Date	0.52 4/1947	0.57 4/1947	0.60 4/1947	0.68 4/1947	0.71 4/1947	0.83 20-21/1943
Jul.	Amt. Date	0.29 24/1949	0.54 24/1949	0.64 24/1949	0.68 24/1949	0.73 23-24/1949	0.76 23-24/1949
Aug.	Amt. Date	0.30 22/1950	0.35 ^a 28/1943	0.47 28/1943	0.69 9/1947	0.82 28/1943	0.88 22-23/1950
Sep.	Amt. Date	0.34 26/1940	0.59 3/1945	0.85 3/1945	1.38 3/1945	1.97 3-4/1945	2.79 3-4/1945
Oct.	Amt. Date	0.31 ^b 9/1941	0.52 24/1943	0.72 24/1943	1.27 24/1943	2.16 23-24/1943	2.73 23-24/1943
Nov.	Amt. Date	0.39 26/1949	0.70 26/1949	1.00 26/1949	1.69 26-27/1949	2.31 26-27/1949	3.12 17-18/1946
Dec.	Amt. Date	0.41 29/1942	0.67 29/1942	0.91 29/1942	1.29 29/1942	1.92 26-27/1942	2.40 26-27/1942
Annual	Amt. Date	0.52 6/4/47	0.70 11/26/49	1.00 11/26/49	1.69 11/26-27/49	2.31 11/26-27/49	3.12 11/17-18/46

^a Also 9/1947.

^b Also 10/1947.

Station: BUXTON 5 E, (MEACHAMS RANCH), OREGON

Drainage basin: WILLAMETTE

County: WASHINGTON

Lat. 45° 42' N Long. 123° 04' W

Elev.(ft.) 450

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.36 2/1946	0.57 2/1946	0.70 6/1948	1.15 6/1948	1.44 6-7/1948	1.96 16-17/1941
Feb.	Amt. Date	0.27 23/50	0.50 5/1946	0.75 5/1946	1.30 5/1946	2.28 5-6/1946	3.38 5-6/1946
Mar.	Amt. Date	0.28 14/1946	0.39 28/1943	0.49 30-31/1943	0.84 30-31/1943	1.31 30-31/1943	2.15 30-31/1943
Apr.	Amt. Date	0.30 17/1948	0.45 17/1948	0.52 ^a 17/1948	0.98 8/1950	1.43 8/1950	1.67 7-8/1950
May	Amt. Date	0.31 22/1945	0.41 30/1941	0.47 30/1941	0.65 5/1948	0.86 3/1948	1.48 4-5/1948
Jun.	Amt. Date	0.55 16/1950	0.62 16/1950	0.67 16/1950	0.69 16/1950	0.69 16/1950	0.87 20-21/1943
Jul.	Amt. Date	0.45 24/1949	0.65 24/1949	0.72 24/1949	0.77 24/1949	0.77 24/1949	0.77 24/1949
Aug.	Amt. Date	0.35 26/1941	0.44 26/1941	0.45 26/1941	0.45 26/1941	0.77 26/1941	0.89 26-27/1941
Sep.	Amt. Date	0.42 21/1944	0.72 21/1944	0.87 21/1944	1.20 3/1945	1.70 3-4/1945	2.34 3-4/1945
Oct.	Amt. Date	0.49 5/1950	0.59 ^b 24/1943	0.82 24/1943	1.42 24/1943	2.40 23-24/1943	2.93 23-24/1943
Nov.	Amt. Date	0.40 26/1949	0.60 26/1949	0.84 14/1942	1.40 26-27/1949	2.03 26-27/1949	2.99 14-15/1950
Dec.	Amt. Date	0.36 27/1942	0.60 27/1942	0.83 27/1942	1.24 26-27/1942	1.99 26-27/1942	2.36 26-27/1942
Annual	Amt. Date	0.55 6/16/50	0.72 9/21/44	0.87 9/21/44	1.42 10/24/43	2.40 10/23-24/43	3.38 2/5-6/46

^a Also 8/1950.

^b Also 5/1950.

Station: CARLTON, OREGON

Drainage basin: COAST

County: YAMHILL

Lat. 45° 19'N Long. 123° 26'W

Elev.(ft.) 1950

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 ^a 22/1944	0.67 1/1948	0.95 1/1948	1.42 1-2/1946	2.34 1/1948	3.38 16-17/1941
Feb.	Amt. Date	0.40 21/1948	0.73 ^b 5/1946	1.08 5/1946	1.94 5/1946	3.75 5/1946	5.41 5-6/1946
Mar.	Amt. Date	0.50 16/1950	0.92 16/1950	1.27 16/1950	1.76 16/1950	2.54 21/1948	4.22 30-31/1943
Apr.	Amt. Date	0.26 ^c 19/1944	0.40 19/1944	0.49 9/1948	0.77 4-5/1941	1.32 ^d 4-5/1941	2.62 30-1/1949
May	Amt. Date	0.32 30/1942	0.53 31-1/1944	0.75 31-1/1944	1.23 31-1/1944	1.75 2-3/1948	2.65 1/1949
Jun.	Amt. Date	0.29 1/1947	0.53 31-1/1944	0.75 31-1/1944	1.23 31-1/1944	1.57 31-1/1944	2.27 31-1/1944
Jul.	Amt. Date	0.18 ^e 19/1940	0.32 8/1946	0.38 ^f 21/1945	0.62 8/1946	1.00 8/1946	1.22 8/1946
Aug.	Amt. Date	0.21 28/1943	0.41 28/1943	0.61 28/1943	0.70 28-29/1943	1.20 28-29/1943	1.28 28-29/1943
Sep.	Amt. Date	0.39 3/1945	0.74 3/1945	1.09 3/1945	1.79 3/1945	2.39 3-4/1945	3.88 3-4/1945
Oct.	Amt. Date	0.77 27/1950	1.39 27/1950	1.84 27/1950	2.61 27/1950	3.40 23-24/1943	5.75 26-27/1950
Nov.	Amt. Date	0.50 14/1942	0.99 14/1942	1.27 14/1942	2.01 26/1945	3.40 26/1945	4.72 26-27/1945
Dec.	Amt. Date	0.45 1/1941	0.80 1/1941	1.10 1-2/1941	1.79 14/1946	2.84 ^g 2/1943	3.87 1-2/1943
Annual	Amt. Date	0.77 10/27/50	1.39 10/27/50	1.84 10/27/50	2.61 10/27/50	3.75 2/5/46	5.75 10/26-27/50

a Also 21/1946 and 1/1948. b Also 21/1948. c Also 9/1948.
d Also 30-1/1949. e Also 8/1946. f Also 8/1946 and 28/1950.
g Also 14/1946.

Station: CASCADIA RANGER STATION, OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 23'N Long. 122° 30'W

Elev.(ft.) 796

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 10/1950	0.70 10/1950	0.80 10/1950	1.22 31-1/1949	1.80 6-7/1948	3.46 6-7/1948
Feb.	Amt. Date	0.28 ^a 28/1940	0.52 8/1950	0.70 22/1949	1.15 22/1949	1.58 21-22/1949	2.95 17-18/1949
Mar.	Amt. Date	0.32 29/1941	0.47 12/1946	0.63 10/1945	1.00 21-22/1948	1.43 12/1946	1.82 11-12/1946
Apr.	Amt. Date	0.32 5/1943	0.43 5/1943	0.51 5/1943	0.68 27/1943	0.95 23/1945	1.62 30-1/1949
May	Amt. Date	0.25 1/1949	0.45 1/1949	0.58 22/1942	0.78 24/1942	1.30 1-2/1949	1.79 1-2/1949
Jun.	Amt. Date	0.58 10/1948	0.71 19/1944	0.74 19/1944	0.77 8/1947	1.13 11/1950	1.64 1-2/1943
Jul.	Amt. Date	0.35 15/1942	0.40 ^b 20/1940	0.41 ^c 20/1940	0.60 27/1947	1.00 27-28/1947	1.20 26-27/1947
Aug.	Amt. Date	0.36 23/1948	0.60 28/1943	0.68 28-29/1943	0.76 28-29/1943	1.00 28-29/1943	1.20 28-29/1943
Sep.	Amt. Date	0.39 1/1941	0.68 20/1945	0.86 26/1940	1.11 26/1940	1.58 1/1941	1.75 1/1941
Oct.	Amt. Date	0.35 ^d 24/1940	0.62 24/1940	0.75 23-24/1940	1.28 15/1947	2.28 15/1947	3.22 15-16/1947
Nov.	Amt. Date	0.40 14/1942	0.70 14/1942	0.90 14/1942	1.40 14/1942	2.09 23/1942	2.92 23-24/1942
Dec.	Amt. Date	0.40 2/1941	0.71 2/1941	0.91 2/1941	1.61 2/1941	2.68 2/1941	3.76 2/1941
Annual	Amt. Date	0.58 6/10/48	0.71 ^e 6/19/44	0.91 12/2/41	1.61 12/2/41	2.68 12/2/41	3.76 12/2/41

a Also 8/1950.

b Also 15-16/1942.

c Also 15-16/1942,

d Also 15/1947.

e Also 12-2/1941.

Station: COLTON, OREGON

Drainage basin: WILLAMETTE

County: CLACKAMAS

Lat. 45° 10'N Long. 122° 27'W

Elev.(ft.) 620

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.28 14/1945	0.46 14/1945	0.58 1/1948	1.02 6-7/1948	1.65 6-7/1948	2.91 6-7/1948
Feb.	Amt. Date	0.30 ^a 6/1943	0.51 6/1943	0.69 17/1949	1.22 6/1943	2.34 6/1943	3.13 6/1943
Mar.	Amt. Date	0.64 29/1947	0.65 29/1947	0.75 31/1943	1.30 31/1943	1.68 31/1943	2.03 30-31/1943
Apr.	Amt. Date	0.27 1/1941	0.35 1/1941	0.45 8/1947	0.65 7/1945	0.98 7/1945	1.45 30-1/1949
May	Amt. Date	1.25 22/1945	1.58 22/1945	1.65 22/1945	1.70 22/1945	1.75 22/1945	1.80 26-27/1945
Jun.	Amt. Date	0.54 19/1944	0.59 19/1944	0.87 19/1944	0.92 19/1944	0.92 19/1944	1.14 24-25/1942
Jul.	Amt. Date	0.20 6/1948	0.30 8/1946	0.44 8/1946	0.63 8/1946	0.64 8/1946	0.64 8/1946
Aug.	Amt. Date	0.38 21/1948	0.45 28-29/1943	0.56 22/1950	0.79 24-25/1945	1.15 28-29/1943	1.51 24-25/1945
Sep.	Amt. Date	0.80 13/1940	0.81 13/1940	0.87 20/1945	1.07 20/1945	1.15 19-20/1945	1.85 3-4/1945
Oct.	Amt. Date	0.49 1/1941	0.78 31/1942	1.00 31/1942	1.43 31/1942	1.93 31-1/1942	2.50 15-16/1947
Nov.	Amt. Date	0.33 13/1941	0.51 13/1941	0.70 16-17/1950	1.16 16-17/1950	1.89 16-17/1950	2.86 16-17/1950
Dec.	Amt. Date	0.29 31/1942	0.45 ^b 31/1942	0.65 2/1941	1.18 2/1941	1.75 2/1941	2.58 1-2/1941
Annual	Amt. Date	1.25 5/22/45	1.58 5/22/45	1.65 5/22/45	1.70 5/22/45	2.34 2/6/43	3.13 2/6/43

a Also 12/1945.

b Also 13/1947.

Station: CONDON, OREGON

Drainage basin: JOHN DAY

County: GILLIAM

Lat. 45° 14' N Long. 120° 11' W

Elev.(ft.) 2900

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.14 25/1947	0.20 13/1950	0.27 13/1950	0.39 13/1950	0.49 13/1950	0.54 6-7/1948	
Feb.	0.18 8/1945	0.32 8/1945	0.43 8/1945	0.57 8/1945	0.60 7-8/1945	0.70 17/1949	
Mar.	0.18 29/1943	0.21 29/1943	0.24 29/1943	0.26 29/1943	0.35 29/1943	0.46 29/1943	
Apr.	0.21 23/1944	0.31 23/1944	0.35 7-8/1943	0.53 7-8/1943	0.62 27-28/1943	0.86 27-28/1943	
May	0.24 3/1948	0.28 3/1948	0.36 12/1945	0.51 12/1945	0.56 12/1945	0.78 12-13/1945	
Jun.	0.35 9/1948	0.55 9/1948	0.63 10-11/1948	0.79 12/1950	0.96 11-12/1950	1.07 11-12/1950	
Jul.	0.24 5/1948	0.47 5/1948	0.55 5/1948	0.67 5/1948	0.76 5/1948	0.82 27-28/1947	
Aug.	0.29 5/1943	0.31 5/1943	0.31 5/1943	0.36 5/1943	0.50 4-5/1943	0.53 4-5/1943	
Sep.	0.22 4/1946	0.32 4/1946	0.33 4/1946	0.35 4/1946	0.47 7-8/1947	0.48 7-8/1947	
Oct.	0.22 26/1947	0.30 26/1947	0.35 30/1945	0.54 28/1941	0.69 20/1947	0.94 28-29/1950	
Nov.	0.28 23/1942	0.37 27/1949	0.40 27/1949	0.55 23/1949	0.85 23/1949	0.98 22-23/1949	
Dec.	0.12 6/1950	0.18a 8/1942	0.25 8/1942	0.41 8/1942	0.54 7-8/1942	0.54 7-8/1942	
Annual	0.35 6/9/48	0.55 6/9/48	0.63 6/10-11/48	0.79 6/12/50	0.96 6/11-12/50	1.07 6/11-12/50	

a Also 14/1950.

Station: COPPER, OREGON

Drainage basin: ROGUE

County: JACKSON

Lat. 42° 02'N Long. 123° 08'W

Elev.(ft.) 1900

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 7/1946	0.60 7/1946	0.80 7/1946	1.46 20/1943	2.37 5-6/1948	3.90 20-21/1943
Feb.	Amt. Date	0.55 22/1949	0.90 22/1949	1.00 22/1949	1.45 22/1949	1.82a 11/1947	2.70 11-12/1947
Mar.	Amt. Date	0.30 26/1943	0.48 26/1940	0.70 26/1940	1.11 26/1940	1.86 26/1940	2.23 26-27/1940
Apr.	Amt. Date	0.28b 7/1945	0.51 7/1945	0.71 7/1945	0.99 7/1945	1.09 7-8/1945	1.30 7-8/1945
May	Amt. Date	0.30c 29/1945	0.60 13/1949	0.60 13/1949	0.99 12-13/1941	1.42 12-13/1941	1.65 12-13/1941
Jun.	Amt. Date	2.17 8/1943	2.35 8/1943	2.38 8/1943	2.38 8/1943	2.38 8/1943	2.38 8/1943
Jul.	Amt. Date	0.74 26/1944	0.78 26/1944	0.78 26/1944	1.20 26/1944	1.22 26/1944	1.23 26/1947
Aug.	Amt. Date	0.50 29/1945	0.50 29/1945	0.50 29/1945	0.50 29/1945	0.50 29/1945	0.50 29/1945
Sep.	Amt. Date	0.27d 19/1941	0.40 14/1940	0.42 14/1940	0.63 1/1941	0.65 1/1941	0.70E 26-27/1940
Oct.	Amt. Date	0.40 15/1947	0.70 15/1947	0.95 28/1950	1.75 28/1950	3.25 27-28/1950	4.20 27-28/1950
Nov.	Amt. Date	0.50 9/1949	0.77 9/1949	0.92 9/1949	1.58 18/1946	2.43 18/1946	3.35 18-19/1946
Dec.	Amt. Date	0.72 5/1948	0.90 5/1948	1.30 2/1941	2.40 2/1941	4.41 1-2/1941	6.42 1-2/1941
Annual	Amt. Date	2.17 6/8/43	2.35 6/8/43	2.38 6/8/43	2.40 12/2/41	4.41 12/1-2/41	6.42 12/1-2/41

a Also 22/1949.

b Also 5/1948.

c Also 13/1949. d Also 8/1949.

Station: CORVALLIS, OREGON

Drainage basin: WILLAMETTE

County: BENTON

Lat. 44° 34'N Long. 123° 15'W

Elev.(ft.) 220

Period of record: 1940-1949 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 25/1942	0.40 25/1942	0.43 25/1942	0.52 25/1942	1.02E 5-6/1948	2.03 5-6/1948
Feb.	Amt. Date	0.26 5/1940	0.46 6/1946	0.61 6/1943	1.18 6/1943	1.84 6/1943	1.98 5-6/1943
Mar.	Amt. Date	0.25 28/1943	0.40 9/1945	0.49 9/1945	0.70 26/1940	1.30 26/1940	1.94 26-27/1940
Apr.	Amt. Date	0.18 1/1941	0.28 1/1941	0.33 11/1944	0.46 30/1940	0.59 11/1944	0.73 11/1944
May	Amt. Date	0.17 4/1940	0.29 4/1940	0.38 4/1941	0.59 4/1940	0.83 4-5/1941	1.13 4-5/1941
Jun.	Amt. Date	0.34 21/1943	0.48 21/1943	0.48 21/1943	0.48 21/1943	0.50 21/1943	0.71 20-21/1943
Jul.	Amt. Date	0.12 20/1940	0.15 20/1940	0.22E 27/1947	0.44E 27/1947	0.88E 27-28/1947	1.75E 27-28/1947
Aug.	Amt. Date	0.31 28/1943	0.53 28/1943	0.63 28/1943	0.69 28-29/1943	0.94 28-29/1943	0.95 28-29/1943
Sep.	Amt. Date	0.71 21/1944	1.23 21/1944	1.53 21/1944	1.58 21/1944	1.58 21/1944	1.58 21/1944
Oct.	Amt. Date	0.24 24/1943	0.40 24/1943	0.52 24/1943	0.80 23-24/1943	1.26 23-24/1943	2.18 23-24/1943
Nov.	Amt. Date	0.35 18/1946	0.57 14/1942	0.80 14/1942	1.06 14/1942	1.41 13/1941	2.37 26-27/1945
Dec.	Amt. Date	0.27 29/1942	0.51 29/1942	0.67 29/1942	0.98 20/1940	1.35 1-2/1941	2.21 1-2/1941
Annual	Amt. Date	0.71 9/21/44	1.23 9/21/44	1.53 9/21/44	1.58 9/21/44	1.84 2/6/43	2.37 12/1-2/41

Station: COTTAGE GROVE DAM, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 43° 43' N Long. 123° 03' W

Elev.(ft.) 823

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 6/1948	0.67 6/1948	0.85 6/1948	1.18 6/1948	2.11 6/1948	3.39 5-6/1948
Feb.	Amt. Date	0.36 21/1948	0.60 15/1948	0.86 15/1948	1.30 14-15/1948	1.70 14-15/1948	2.19 14-15/1948
Mar.	Amt. Date	0.40 6/1949	0.77 6/1949	0.93 6/1949	0.95 6/1949	1.35 12/1946	1.75 12/1946
Apr.	Amt. Date	0.17 ^a 10/1944	0.29 16/1948	0.36 11/1944	0.55 11/1944	0.98 ^E 30-1/1941	1.96 30-1/1949
May	Amt. Date	0.30 25/1946	0.43 25/1946	0.48 25/1946	0.85 1/1949	1.35 1/1949	2.07 1-2/1949
Jun.	Amt. Date	0.40 10/1948	0.56 8/1947	0.67 8/1947	0.93 8/1947	1.22 ^b 8/1947	1.42 8-9/1947
Jul.	Amt. Date	0.30 28/1947	0.55 28/1947	0.59 27-28/1947	0.96 27-28/1947	1.49 27-28/1947	1.75 27-28/1947
Aug.	Amt. Date	0.40 28/1943	0.60 28-29/1943	0.67 28-29/1943	0.70 28-29/1943	0.90 28-29/1943	0.95 28-39/1943
Sep.	Amt. Date	0.36 26/1948	0.50 26/1948	0.61 26/1948	0.62 26/1948	0.72 15/1946	0.95 22-23/1948
Oct.	Amt. Date	0.45 15/1947	0.85 15/1947	1.25 15/1947	1.97 15-16/1947	2.57 15-16/1947	4.07 15-16/1947
Nov.	Amt. Date	0.35 23/1949	0.58 18/1945	0.80 18/1945	1.17 18/1945	2.20 18/1945	2.52 18-19/1945
Dec.	Amt. Date	0.33 ^c 28/1945	0.59 28/1945	0.78 28/1945	1.31 28/1945	2.22 28/1945	3.50 27-28/1945
Annual	Amt. Date	0.45 10/15/47	0.85 10/15/47	1.25 10/15/47	1.97 10/15-16/47	2.57 10/15-16/47	4.07 10/15-16/47

a Also 11/1945. b Also 11/1950. c Also 11/1948.

Station: DETROIT, OREGON

Drainage basin: WILLAMETTE

County: MARION

Lat. 44° 44' N Long. 122° 09' W

Elev.(ft.) 1450

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 22/1946	0.54 7/1948	0.79 7/1948	1.41 6-7/1948	2.52 6-7/1948	4.34 6-7/1948
Feb.	Amt. Date	0.30a 27/1946	0.55 17/1949	0.80 17/1949	1.55 17/1949	2.67 17/1949	4.07 17-18/1949
Mar.	Amt. Date	0.25b 22/1944	0.48 12/1946	0.70 12/1946	1.20 12/1946	2.13 12/1946	3.20 11-12/1946
Apr.	Amt. Date	0.20c 13/1942	0.35 23/1945	0.50 17/1947	0.87 17/1947	1.51E 30-1/1949	3.02 30-1/1949
May	Amt. Date	0.65 27/1944	0.72 27/1944	0.74 27/1944	1.12 3/1948	1.70d 3/1948	3.07 1-2/1949
Jun.	Amt. Date	0.57 9/1950	0.60 9/1950	0.61 9/1950	0.75 24/1943	1.03 24-25/1943	1.41 26-27/1947
Jul.	Amt. Date	0.72 25/1941	0.73 25/1941	0.73 25/1941	0.73 25/1941	0.73 25/1941	0.85 27-28/1947
Aug.	Amt. Date	0.38 1/1944	0.39E 29/1943	0.51 29/1943	0.92 29/1943	1.43 29/1943	1.62 28-29/1943
Sep.	Amt. Date	0.44 15/1940	0.64 15/1940	0.83 15/1940	1.00 15/1940	1.57 1/1941	1.95 26-27/1940
Oct.	Amt. Date	0.35 31/1942	0.61 31/1942	0.85 31/1942	1.40 31/1942	2.30 15/1947	3.58 15-16/1947
Nov.	Amt. Date	0.37 29/1942	0.70 29/1942	1.00 29/1942	1.73 29/1942	2.67 26/1942	3.75 1-2/1950
Dec.	Amt. Date	0.50 6/1942	0.60 6/1942	0.79 28/1945	1.55 28/1945	2.60 28/1945	4.70 27-28/1945
Annual	Amt. Date	0.72 7/25/41	0.73 7/25/41	1.00 11/29/42	1.73 11/29/42	2.67f 2/17/49	4.70 12-27-28/45

a Also 17/1949.
e Also 1/1944.

b Also 12/1946.
f Also 11/26/42.

c Also 23/1945.

d Also 1/1949.

Station: DIAMOND LAKE LODGE, OREGON

Drainage basin: UMPQUA

County: DOUGLAS

Lat. 43° 11' N Long. 122° 08' W

Elev.(ft.) 5195

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 7/1948	0.47 7/1948	0.66 7/1948	1.05 6-7/1948	1.72 5-6/1948	2.96 5-6/1948
Feb.	Amt. Date	0.21 6/1942	0.39 6/1942	0.43a 27/1946	0.80 21/1948	1.40 21-22/1948	2.07E 20-21/1948
Mar.	Amt. Date	0.30 12/1946	0.37 12/1946	0.45 12/1946	0.67 12/1946	1.04 16/1950	1.53 11-12/1946
Apr.	Amt. Date	0.17 23/1944	0.28 23/1944	0.33 23/1944	0.57 30-1/1949	1.26 30-1/1949	2.30 30-1/1949
May	Amt. Date	0.20 29/1947	0.38 29/1947	0.46 29/1947	0.80 29/1947	1.34 1/1949	2.30 30-1/1949
Jun.	Amt. Date	0.88 29/1943	1.15 29/1943	1.19 29/1943	1.38 29/1943	1.38 29/1943	1.38 29/1943
Jul.	Amt. Date	0.41 31/1947	0.45 31/1947	0.55 31/1947	0.55 31/1947	0.74 27-28/1947	0.93 26-27/1947
Aug.	Amt. Date	0.73 2/1948	0.73 2/1948	0.73 2/1948	0.73 2/1948	0.73 2/1948	0.75 29-30/1943
Sep.	Amt. Date	0.35 3/1946	0.43 3/1946	0.45 3/1946	0.47 3/1946	0.55 6-7/1947	0.65 22-23/1948
Oct.	Amt. Date	0.26 18/1946	0.45 20/1946	0.65 20/1946	0.98 20/1946	1.13b 20/1946	1.79 15-16/1947
Nov.	Amt. Date	0.38 29/1942	0.70 29/1942	0.95 29/1942	1.62 26/1942	2.76 26/1942	4.09 26-27/1942
Dec.	Amt. Date	0.45 26/1942	0.80 26/1942	0.97 26/1942	1.67 27/1945	2.96 27-28/1945	5.52 27-28/1945
Annual	Amt. Date	0.88 6/29/43	1.15 6/29/43	1.19 6/29/43	1.67 12/27/45	2.96 12/27-28/45	5.52 12/27-28/45

a Also 21/1948.

b Also 15-16/1947.

Station: DISSTON 10 SE (CHAMPION MINE), OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 43° 35' N Long. 122° 38' W

Elev.(ft.) 4375

Period of record: 1941-1949 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 26/1947	1.05 26/1947	1.53 1/1948	2.93 1/1948	4.86 1/1948	8.71 5-6/1948
Feb.	Amt. Date	0.41 8/1948	0.74 8/1948	1.01 8/1948	1.85 8/1948	3.20 8/1948	4.66 7-8/1948
Mar.	Amt. Date	0.55 2/1947	1.00 2/1947	1.35 2/1947	2.25 9/1947	3.40 10/1947	6.19 9-10/1947
Apr.	Amt. Date	0.30 17/1947	0.52 4/1947	0.75 4/1947	1.27 4/1947	2.40 4/1947	3.91 3-4/1947
May	Amt. Date	0.30 22/1945	0.43 22/1945	0.51 22/1945	0.71 22/1945	0.90 22-23/1945	1.38 15-16/1945
Jun.	Amt. Date	0.45 4/1942	0.75 4/1942	0.80 8/1947	1.42 8/1947	2.33 8/1947	2.75 8-9/1947
Jul.	Amt. Date	0.30 10/1942	0.50 10/1942	0.55 10/1942	0.60 10/1942	0.89 27-28/1947	1.64 26-27/1947
Aug.	Amt. Date	0.47 29/1947	0.50 29/1947	0.54 3/1947	0.58 3/1947	0.84 3/1947	0.88 3/1947
Sep.	Amt. Date	0.32 20/1945	0.62 20/1945	0.82 20/1945	0.97 20/1945	1.45 20-21/1945	2.32 20-21/1945
Oct.	Amt. Date	0.37 15/1947	0.72 15/1947	1.00 15/1947	1.74 15/1947	3.18 15/1947	5.23 15-16/1947
Nov.	Amt. Date	0.69 14/1947	1.19 14/1947	1.54 15/1947	2.01 13/1947	3.41 25-26/1946	5.71 25-26/1946
Dec.	Amt. Date	0.78 9/1946	1.15 9/1946	1.38 9/1946	2.46 2/1941	3.85 2/1941	6.48 31-1/1947
Annual	Amt. Date	0.78 12/9/46	1.19 11/14/47	1.54 11/15/47	2.93 1/1/48	4.86 1/1/48	8.71 1/5-6/48

Station: DISSTON 5 NE (LAYING CREEK R. S.), OREGON *

Drainage basin: WILLAMETTE

County: LANE

Lat. 43° 43' N Long. 122° 44' W

Elev.(ft) 1212

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 20/1943	0.55 20/1943	0.73 20/1943	1.15 20/1943	2.05 19-20/1943	2.83E 20/1943
Feb.	Amt. Date	0.35 21/1948	0.55 21/1948	0.70 21/1948	0.95 21-22/1948	1.51 21-22/1948	2.26 21-22/1948
Mar.	Amt. Date	0.28 1/1940	0.44 2/1947	0.56 1/1940	0.91 23/1944	1.25 22-23/1944	1.66 11-12/1946
Apr.	Amt. Date	0.34 19/1940	0.37a 19/1940	0.50 11/1940	0.70 23-24/1945	1.20 4/1947	2.00 23-24/1945
May	Amt. Date	0.47 31/1940	0.54 31-1/1940	0.57 31-1/1940	0.85 30/1941	1.03b 15/1945	1.72 1-2/1949
Jun.	Amt. Date	0.33 6/1948	0.54 31-1/1940	0.57 31-1/1940	0.82 11/1950	1.31 11/1950	1.50 11-12/1950
Jul.	Amt. Date	0.38 19/1940	0.49 19/1940	0.59 19/1940	0.61 19/1940	0.90 26-27/1947	1.28 26-27/1947
Aug.	Amt. Date	0.30 29/1943	0.50 28-29/1943	0.61 28-29/1943	0.70 28-29/1943	0.85 28-28/1943	1.20 28-29/1943
Sep.	Amt. Date	0.42 1/1941	0.59 1/1941	0.82 21/1944	1.03 27/1940	1.41 27/1940	1.85 1-2/1941
Oct.	Amt. Date	0.42 16/1947	0.64 15-16/1947	0.89 15-16/1947	1.47 15-16/1947	2.25 15-16/1947	3.68 15-16/1947
Nov.	Amt. Date	0.40 14/1942	0.75 14/1942	0.95 14/1942	1.30 14/1942	2.38 14-15/1941	3.82 14-15/1941
Dec.	Amt. Date	0.31 15/1941	0.57 30/1942	0.78 30/1942	1.30 30/1942	1.98 30/1942	3.16 29-30/1942
Annual	Amt. Date	0.47 5/31/40	0.75 11/14/42	0.95 11/14/42	1.47 10/15-16/47	2.38 11/14-15/41	3.82 11/14-15/41

*Formerly Rusada

a Also 11/1944.

b Also 1-2/1949.

Station: ESTACADA 2⁴ SE (INTAKE), OREGON

Drainage basin: WILLAMETTE

County: CLACKAMAS

Lat. 45° 05'N Long. 121° 59'W

Elev.(ft.) 2200

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 6/1948	0.55 6/1948	0.80 6-7/1948	1.35 6-7/1948	2.34 6-7/1948	3.84 6-7/1948
Feb.	Amt. Date	0.24 10/1949	0.41 10/1949	0.57 10/1949	0.97 ^a 6/1943	1.82 17/1949	2.64 ^E 9-10/1949
Mar.	Amt. Date	0.21 ^E 12/1946	0.37 ^E 12/1946	0.52 ^E 12/1946	0.84 ^E 14-15/1946	1.52 30-31/1943	2.38 30-31/1943
Apr.	Amt. Date	0.30 2/1947	0.40 2/1947	0.45 2/1947	0.54 2/1947	1.25 30-1/1949	2.60 30-1/1949
May	Amt. Date	0.50 21/1945	0.50 21/1945	0.52 3/1948	0.82 3/1948	1.45 1/1949	2.62 1-2/1949
Jun.	Amt. Date	0.43 ^b 7/1947	0.65 7/1948	0.85 7/1948	0.85 7/1948	0.85 7/1948	1.10 7-8/1948
Jul.	Amt. Date	0.22 8/1944	0.30 27/1947	0.42 8/1944	0.45 8/1944	0.63 27-28/1947	0.79 27-28/1947
Aug.	Amt. Date	0.44 1/1944	0.49 1/1944	0.49 1/1944	0.84 29/1943	1.21. 29/1943	1.47 28-29/1943
Sep.	Amt. Date	1.81 27/1947	1.88 27/1947	1.94 27/1947	1.98 27/1947	1.98 27/1947	1.98 27/1947
Oct.	Amt. Date	0.25 15/1947	0.45 15/1947	0.65 15/1947	1.15 15/1947	1.84 15/1947	2.94 15-16/1947
Nov.	Amt. Date	0.32 14/1942	0.57 14/1942	0.75 14/1942	1.24 14/1942	2.14 26/1942	2.56 26-27/1942
Dec.	Amt. Date	0.30 31/1942	0.55 2/1941	0.75 1-2/1941	1.35 2/1941	2.25 1-2/1941	4.08 1-2/1941
Annual	Amt. Date	1.81 9/27/47	1.88 9/27/47	1.94 9/27/47	1.98 9/27/47	2.34 1/6-7/48	4.08 12/1-2/41

a Also 10/1949.

b Also 9/1950.

Station: EUGENE WB APT, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 44° 07' N Long. 123° 13' W

Elev.(ft.) 364

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 6/1948	0.70 6/1948	0.90 6-7/1948	1.33 31-1/1949	1.66 6/1948	3.27 6-7/1948
Feb.	Amt. Date	0.35 5/1945	0.44 6/1946	0.54 ^a 6/1946	0.89 17/1949	1.45 17/1949	2.65 17-18/1949
Mar.	Amt. Date	0.25 ^b 1/1940	0.45 1/1940	0.55 1/1940	0.89 12/1946	1.53 12/1946	1.81 11-12/1946
Apr.	Amt. Date	0.40 1/1941	0.42 1/1941	0.44 11/1944	0.50 11/1944	0.78 30-1/1949	1.45 30-1/1949
May	Amt. Date	0.45 15/1945	0.52 15/1945	0.53 15/1945	0.65 3/1948	0.87 1/1949	1.49 1-2/1949
Jun.	Amt. Date	0.28 27/1947	0.34 27/1947	0.42 25/1942	0.69 24-25/1942	0.83 24/1942	1.25 24/1942
Jul.	Amt. Date	0.59 27/1947	0.68 27/1947	0.73 27/1947	0.84 27/1947	1.15 27-28/1947	1.39 27-28/1947
Aug.	Amt. Date	0.23 4/1943	0.35 4/1943	0.50 ^E 29/1943	1.00 28-29/1943	1.04 28-29/1943	1.04 28-29/1943
Sep.	Amt. Date	0.40 16/1946	0.60 16/1946	0.65 15/1946	0.90 15/1946	1.08 1/1941	1.56 1/1941
Oct.	Amt. Date	0.47 24/1940	0.80 24/1940	0.96 24/1940	1.31 23/1940	2.15 15/1947	3.09 15-16/1947
Nov.	Amt. Date	0.37 14/1942	0.59 15/1950	0.83 15/1950	1.37 15/1950	2.31 15/1950	3.65 15-16/1950
Dec.	Amt. Date	0.40 2/1941	0.70 2/1941	1.00 2/1941	1.55 2/1941	2.59 2/1941	3.50 1-2/1941
Annual	Amt. Date	0.59 7/27/47	0.80 10/24/40	1.00 12/2/41	1.55 12/2/41	2.59 12/2/41	3.65 11/15-16/50

a Also 14-15/1948. b Also 10/1945.

Station: FERN RIDGE DAM, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 44° 07'N Long. 123° 17'W

Elev.(ft.) 383

Period of record: 1943-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 6/1948	0.80 6/1948	0.97 6/1948	1.29 6-7/1948	1.73 6-7/1948	2.97 6-7/1948
Feb.	Amt. Date	0.27 16/1950	0.43 22/1949	0.54 ^a 6/1946	0.84 10/1949	1.30 17/1949	2.35 17/1949
Mar.	Amt. Date	0.29 29/1947	0.40 29/1947	0.45 21/1948	0.80 12/1946	1.30 12/1946	1.35 11-12/1946
Apr.	Amt. Date	0.20 11/1944	0.33 11/1944	0.40 11/1944	0.47 11/1944	0.85 30-1/1949	1.44 30-1/1949
May	Amt. Date	0.20 15/1945	0.30 3/1948	0.40 3/1948	0.66 3/1948	0.94 1/1949	1.46 1-2/1949
Jun.	Amt. Date	0.18 6/1948	0.21 27/1947	0.30 21/1947	0.32 6/1947	0.36 31-1/1949	0.50 6-7/1947
Jul.	Amt. Date	0.35 27/1947	0.40 27/1947	0.45 27/1947	0.55 27/1947	0.84 27-28/1947	0.99 27-28/1947
Aug.	Amt. Date	0.29 28/1943	0.54 28/1943	0.79 28/1943	0.96 28-29/1943	1.01 28-29/1943	1.01 28-29/1943
Sep.	Amt. Date	0.84 21/1944	0.90 21/1944	0.90 21/1944	1.05 21/1944	1.06 21/1944	1.35 22-23/1948
Oct.	Amt. Date	0.34 15/1947	0.60 15/1947	0.80 15/1947	1.30 15/1947	2.15 15/1947	3.12 15-16/1947
Nov.	Amt. Date	0.35 4/1943	0.65 4/1943	0.81 15/1950	1.24 15-16/1950	2.24 15/1950	3.46 15-16/1950
Dec.	Amt. Date	0.31 28/1945	0.53 27/1945	0.69 ^b 27-28/1945	1.37 27-28/1945	2.11 27-28/1945	3.22 27-28/1945
Annual	Amt. Date	0.84 9/21/44	0.90 9/21/44	0.97 1/6/48	1.37 12/27-28/45	2.24 11/15/50	3.46 11/15-16/50

^a Also 14/1948.

^b Also 31-1/1948.

Station: FLORENCE 3 NW (SIUSLAW), OREGON

Drainage basin: COAST

County: LANE

Lat. 44° 01' N Long. 124° 07' W

Elev.(ft.) 60

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 27/1943	0.65 21/1943	0.82 21/1943	1.17 21/1943	1.99 5-6/1948	2.67 5-6/1948
Feb.	Amt. Date	0.52 6/1943	0.97 6/1943	1.23 6/1943	1.88 6/1943	2.71 6/1943	3.39 16-17/1949
Mar.	Amt. Date	0.44 25/1943	0.74 25/1943	0.87 25/1943	1.13 25/1943	1.20 28/1943	2.06 30-31/1943
Apr.	Amt. Date	0.50 3/1942	0.78 3/1942	0.78 3/1942	0.78 3/1942	0.97 2/1948	1.85 30-1/1949
May	Amt. Date	0.28 28/1942	0.40 13-14/1945	0.48 13-14/1945	0.73 3/1948	1.10 3/1948	1.85 30-1/1949
Jun.	Amt. Date	0.30 19/1941	0.39 19/1941	0.47 24/1941	0.79 24/1941	1.12 1/1947	1.67 1-2/1947
Jul.	Amt. Date	0.25 15/1942	0.35 ^a 21/1945	0.55 21/1945	0.96 21/1945	1.08 21/1945	1.10 15-16/1942
Aug.	Amt. Date	0.30 17/1948	0.56 17/1948	0.61 17/1948	0.72 17/1948	0.81 17/1948	0.96 16-17/1948
Sep.	Amt. Date	0.82 16/1944	0.95 6/1947	1.00 ^b 16/1944	1.31 6/1947	1.53 6/1947	1.82 6-7/1947
Oct.	Amt. Date	0.71 19/1947	1.22 19/1947	1.36 19/1947	1.94 19/1947	2.45 15/1947	3.50 15-16/1947
Nov.	Amt. Date	0.53 14/1942	0.87 15/1950	1.20 15/1950	2.06 15/1950	2.86 15/1950	3.26 15/1950
Dec.	Amt. Date	0.54 15/1941	0.99 15/1941	1.16 15/1941	1.67 15/1941	2.45 15-16/1941	3.24 19-20/1940
Annual	Amt. Date	0.82 9/16/44	1.22 10/19/47	1.36 10/19/47	2.06 11/15/50	2.86 11/15/50	3.50 10/15-16/47

^a Also 8/1946 and 6/1948.

^b Also 6/1947.

Station: GLENDALE, OREGON

Drainage basin: UMPQUA

County: DOUGLAS

Lat. 42° 44' N Long. 123° 24' W

Elev.(ft.) 1300

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 6/1948	0.57 21/1943	0.77 21/1943	1.42 5-6/1948	2.33 5-6/1948	3.66 5-6/1948
Feb.	Amt. Date	0.37 13/1945	0.53 11/1947	0.78 11/1947	1.14 11/1947	1.90 11/1947	2.20 11-12/1947
Mar.	Amt. Date	0.34 19/1941	0.56 3/1944	0.73 3/1944	1.28 17/1945	2.22 16-17/1945	2.91 16-17/1945
Apr.	Amt. Date	0.32 22/1948	0.58 4/1941	0.78 4/1941	1.15 4/1941	1.71 4-5/1941	2.90 4-5/1941
May	Amt. Date	0.35 7/1947	0.65 7/1947	0.65 7/1947	1.04 7/1947	1.47 1-2/1949	2.09 1-2/1949
Jun.	Amt. Date	0.59 9/1948	0.75 9/1948	0.76 9/1948	0.98 23-24/1941	1.61 4-5/1947	1.70 4-5/1947
Jul.	Amt. Date	0.15 26/1947	0.30 26/1947	0.43 26/1947	0.65 26/1947	1.20 26/1947	1.76 26-27/1947
Aug.	Amt. Date	0.45 ^a 12/1941	0.77 12/1941	0.77 12/1941	0.77 12/1941	0.77 12/1941	0.77 12/1941
Sep.	Amt. Date	1.08 17/1950	1.31 17/1950	1.31 17/1950	1.31 17/1950	1.31 17/1950	1.31 17/1950
Oct.	Amt. Date	0.40 28/1950	0.76 28/1950	1.00 28/1950	1.55 28/1950	3.07 28-29/1950	5.71 28-29/1950
Nov.	Amt. Date	0.42 18/1946	0.79 18/1946	1.14 18/1946	1.91 18/1946	2.74 18/1946	3.25 17-18/1946
Dec.	Amt. Date	0.39 2/1941	0.73 2/1941	1.05 2/1941	1.93 2/1941	2.94 1-2/1941	4.25 1-2/1941
Annual	Amt. Date	1.08 9/17/50	1.31 9/17/50	1.31 9/17/50	1.93 12/2/41	3.07 10/28-29/50	5.71 10/28-29/50

^a Also 1/1944.

Station: GLENWOOD, OREGON

Drainage basin: WILLAMETTE

County: WASHINGTON

Lat. 45° 39'N Long. 123° 16'W

Elev.(ft.) 475

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.29a 13/1945	0.48 31/1942	0.70 6/1948	1.18 6/1948	1.76 16-17/1941	2.94 16-17/1941
Feb.	Amt. Date	0.35 7/1945	0.61 7/1945	0.85 17/1949	1.57 7/1945	2.74 7/1945	4.52 9-10/1949
Mar.	Amt. Date	0.26 25/1943	0.45 25/1943	0.57 25/1943	1.03 21/1948	1.88 21/1948	2.63 30-31/1943
Apr.	Amt. Date	0.23 3/1948	0.36 10/1948	0.44 10/1948	0.62 30-1/1949	1.12 30-1/1949	1.88 30-1/1949
May	Amt. Date	0.33 26/1946	0.50 26/1946	0.60 26/1946	0.89 2/1948	1.29 2/1948	1.88 30-1/1949
Jun.	Amt. Date	0.37 16/1950	0.41 16/1950	0.42 16/1950	0.45 24/1942	0.52 24/1942	0.88 20-1/1943
Jul.	Amt. Date	0.19 28/1950	0.24b 8/1946	0.35 8/1946	0.56 8/1946	0.65 8/1946	0.65 8/1946
Aug.	Amt. Date	0.29 22/1950	0.35 28/1943	0.42 28/1943	0.49 28/1943	0.84 28-29/1943	0.91 28-29/1943
Sep.	Amt. Date	0.39 4/1945	0.64 4/1945	0.89 4/1945	1.55 4/1945	2.48 4/1945	3.55 4-5/1945
Oct.	Amt. Date	0.33 9/1941	0.56 9/1941	0.84 9/1941	1.35 9/1941	2.05 23-24/1943	2.62 23-24/1943
Nov.	Amt. Date	0.50 14/1942	0.86 14/1942	1.21 14/1942	1.75 14/1942	2.49 22-23/1942	3.99E 17-18/1946
Dec.	Amt. Date	0.37 19/1940	0.64 5/1940	0.84 19/1940	1.40 9/1948	1.97 8-9/1948	2.78 27-28/1945
Annual	Amt. Date	0.50 11/14/42	0.86 11/14/42	1.21 11/14/42	1.75 11/14/42	2.74 2/7/45	4.52 2/9-10/49

a Also 6/1948.

b Also 28/1950.

Station: GOBLE, OREGON

Drainage basin: COLUMBIA

County: COLUMBIA

Lat. 45° 58'N Long. 122° 58'W

Elev.(ft.) 500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 2/1946	0.46 6/1950	0.63 6/1950	0.96 6/1948	1.35 6/1950	1.67 6-7/1948
Feb.	Amt. Date	0.32 6/1940	0.48a 6/1940	0.70 17/1949	1.20 17/1949	1.79 9-10/1949	2.52 9-10/1949
Mar.	Amt. Date	0.30 27/1943	0.45 27-28/1943	0.54 27-28/1943	0.78 21/1948	1.22 21/1948	1.48 21-22/1948
Apr.	Amt. Date	0.30 16/1941	0.40 16/1947	0.50 8/1950	0.70 8/1950	1.07 8/1950	1.19 7-8/1950
May	Amt. Date	0.41 17/1942	0.55 17/1942	0.61 17/1942	0.61 17/1942	0.62 19/1949	0.99 4-5/1948
Jun.	Amt. Date	0.41 4/1947	0.75 4/1947	0.95 4/1947	1.05 4/1947	1.08 4/1947	1.14 3-4/1947
Jul.	Amt. Date	0.86 20/1940	0.87 20/1940	0.88 20/1940	1.01 20/1940	1.07 20-21/1940	1.08b 20-21/1940
Aug.	Amt. Date	0.30c 25/1941	0.49 16/1948	0.61 25/1941	0.85 25/1941	1.05 25/1941	1.14 25-26/1941
Sep.	Amt. Date	0.57 14/1940	0.58 14/1940	0.59 14/1940	0.87 3-4/1945	1.30 3-4/1945	1.65 3-4/1945
Oct.	Amt. Date	0.30 4/1948	0.46 24/1943	0.60 19/1947	1.05 24/1943	1.74 23-24/1943	2.09 23-24/1943
Nov.	Amt. Date	0.40 26/1945	0.60 26/1945	0.82 18/1946	1.32 18/1946	2.32 18/1946	3.43 17-18/1946
Dec.	Amt. Date	0.35 10/1946	0.56d 15/1941	0.76 10/1946	1.04 15/1941	1.40 1-2/1948	1.84 8-9/1948
Annual	Amt. Date	0.86 7/20/40	0.87 7/20/40	0.95 6/4/47	1.32 11/18/46	2.32 11/18/46	3.43 11/17-18/46

a Also 17/1949.
d Also 10/1946.

b Also 7/1946.

c Also 16/1948.

Station: GRAND RONDE, OREGON

Drainage basin: COAST

County: POLK

Lat. 45° 04' N Long. 123° 37' W

Elev.(ft.) 360

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.44 6/1948	0.81 6/1948	1.15 6/1948	1.81 6/1948	2.59 6-7/1948	3.65 6-7/1948
Feb.	Amt. Date	0.38 7/1945	0.73 7/1945	0.98 7/1945	1.82 10/1949	3.32 9-10/1949	5.92 9-10/1949
Mar.	Amt. Date	0.33 21/1948	0.58 21/1948	0.84 21/1948	1.37 21/1948	2.21 21/1948	2.74 30-31/1943
Apr.	Amt. Date	0.30 3/1948	0.41 10/1945	0.53 10/1945	0.78 7/1945	1.23 7/1945	1.60 7-8/1945
May	Amt. Date	0.30 7/1946	0.55 7/1946	0.75 7/1946	1.00 3/1948	1.64 3/1948	1.84 2-3/1948
Jun.	Amt. Date	0.55 18/1944	0.61 18/1944	0.62 18/1944	0.76 31-1/1944	1.05 31-1/1944	1.25 31-1/1944
Jul.	Amt. Date	0.17a 19/1944	0.28 8/1946	0.37 8/1946	0.45 8/1946	0.47 8/1946	0.47 8/1946
Aug.	Amt. Date	0.21 22/1950	0.33 28/1943	0.50 28/1943	0.65 28/1943	1.04 28-29/1943	1.19 28-29/1943
Sep.	Amt. Date	0.39 27/1940	0.47 25/1950	0.62 3/1945	1.12 3/1945	1.47 3/1945	1.79E 3-4/1945
Oct.	Amt. Date	0.38 24/1943	0.66 24/1943	1.02 24/1943	1.56 24/1943	2.66 23-24/1943	3.68 23-24/1943
Nov.	Amt. Date	0.54 26/1945	0.96 26/1945	1.31 26/1945	2.31 26/1945	3.51 26/1945	5.20 26-27/1945
Dec.	Amt. Date	0.57 7/1942	0.99 27/1942	1.30 27/1942	1.97 26-27/1942	2.92 26-27/1942	3.79 26-27/1942
Annual	Amt. Date	0.57 12/7/42	0.99 12/27/42	1.31 11/26/45	2.31 11/26/45	3.51 11/26/45	5.92 2/9-10/49

a Also 28/1950.

Station: GRESHAM, OREGON

Drainage basin: COLUMBIA

County: MULTNOMAH

Lat. 45° 29'N Long. 122° 24'W

Elev.(ft.) 450

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 6/1948	0.54 6/1948	0.80 6/1948	1.26 6-7/1948	1.64 6-7/1948	2.83 6-7/1948
Feb.	Amt. Date	0.44 18/1949	0.64 18/1949	0.78 18/1949	1.05 18/1949	1.90 5-6/1943	2.45 5-6/1943
Mar.	Amt. Date	0.30 15/1946	0.40 ^a 28/1943	0.51 28/1943	0.89 28/1943	1.49 31/1943	2.32 30-31/1943
Apr.	Amt. Date	0.58 8/1944	0.60 8/1944	0.60 8/1944	0.62 7/1945	1.02 30-1/1949	1.38 30-1/1949
May	Amt. Date	0.43 11/1941	0.61 11/1941	0.61 11/1941	0.84 14-15/1942	1.11 14-15/1942	1.40 1/1949
Jun.	Amt. Date	0.68 20/1943	0.83 20/1943	0.94 20/1943	1.07 20/1943	1.15 20-21/1943	1.54 20-21/1943
Jul.	Amt. Date	0.28 ^b 10/1942	0.35 ^b 10/1942	0.40 ^c 10/1942	0.80 8/1946	1.00 8/1946	1.00 8/1946
Aug.	Amt. Date	0.32 5/1943	0.53 17/1948	0.58 17/1948	0.58 17/1948	0.78 ^d 28-29/1943	0.84 28-29/1943
Sep.	Amt. Date	0.40 ^e 5/1949	0.60 26/1940	0.73 ^f 26/1940	0.95 26/1940	1.16 25/1950	1.74 26-27/1940
Oct.	Amt. Date	0.62 31/1942	0.98 31/1942	1.21 31/1942	1.88 31/1942	2.49 31/1942	2.79 31-1/1942
Nov.	Amt. Date	0.48 18/1946	0.58 18/1946	0.68 18/1946	1.26 2-3/1944	1.82 22-23/1942	2.88 22-23/1942
Dec.	Amt. Date	0.40 27/1942	0.62 27/1942	0.87 27/1942	1.42 27/1942	2.22 26-27/1942	2.86 11-12/1946
Annual	Amt. Date	0.68 6/20/43	0.98 10/31/42	1.21 10/31/42	1.88 10/31/42	2.49 10/31/42	2.88 11/22-23/42

a Also 15/1946. b Also 18/1950. c Also 8/1946.
d Also 16-17/1948. e Also 25/1950. f Also 20/1945.

Station: GUNTER, OREGON

Drainage basin: COAST

County: DOUGLAS

Lat. 43° 48' N Long. 123° 28' W

Elev.(ft.) 750

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 4/1946	0.71 6/1948	1.01 6-7/1948	1.60 6/1948	2.65 6/1948	4.63 5-6/1948
Feb.	Amt. Date	0.37 7/1945	0.55 7/1945	0.71 21/1948	1.27 10/1949	1.98 21/1948	3.24 17-18/1949
Mar.	Amt. Date	0.36 22/1948	0.58 17/1950	0.77 17/1950	1.27 17/1945	2.17 17/1945	2.84 16-17/1945
Apr.	Amt. Date	0.28 14/1943	0.39 19/1943	0.53 7/1945	0.82 7/1945	1.33 30-1/1949	2.60 30-1/1949
May	Amt. Date	0.35 27/1948	0.48 3/1948	0.72 3/1948	1.16 3/1948	1.46 3/1948	2.63 1/1949
Jun.	Amt. Date	0.30 6/1948	0.37 25/1942	0.47 25/1942	0.82 24-25/1942	1.39 24-25/1942	1.68 24-25/1942
Jul.	Amt. Date	0.20 8/1946	0.30 27/1947	0.35 27/1947	0.44 27/1947	0.87 27/1947	1.24 27/1947
Aug.	Amt. Date	0.30 28/1943	0.49 28/1943	0.51 28-29/1943	0.54 28-29/1943	0.55 28-29/1943	0.55 28-29/1943
Sep.	Amt. Date	0.35 9/1949	0.60 2/1941	0.75 2/1941	1.02 1-2/1941	1.35 1-2/1941	2.26 1-2/1941
Oct.	Amt. Date	0.46 24/1943	0.75 23/1940	1.00 23-24/1940	1.52 23/1940	2.51 23-24/1940	3.64 23-24/1943
Nov.	Amt. Date	0.63 14/1942	1.06 14/1942	1.40 14/1942	2.11 14/1942	3.13 15-16/1950	5.07 15-16/1950
Dec.	Amt. Date	0.45 27/1945	0.75 27-28/1945	1.09 27-28/1945	2.00 2/1941	3.68 2/1941	5.60 27-28/1945
Annual	Amt. Date	0.63 11/14/42	1.06 11/14/42	1.40 11/14/42	2.11 11/14/42	3.68 12/2/41	5.60 12/27-28/45

Station: HARRISBURG, OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 16'N Long. 123° 10'W

Elev.(ft.) 308

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 6/1948	0.71 6/1948	0.92 6/1948	1.21 6/1948	1.71 6-7/1948	3.09 6/1948
Feb.	Amt. Date	0.27 22/1949	0.47 22/1949	0.60 10/1949	1.16 10/1949	1.80 17/1949	3.17 17-18/1949
Mar.	Amt. Date	0.27 22/1948	0.44 21-22/1948	0.57 21-22/1948	0.92 12/1946	1.59 12/1946	1.69 30-31/1943
Apr.	Amt. Date	0.22 1/1941	0.44 1/1941	0.46 1/1941	0.50 2/1947	0.70 30-1/1949	1.29 30-1/1949
May	Amt. Date	0.33 21/1942	0.38 22/1945	0.45 22/1945	0.66 3/1948	0.92 3/1948	1.34 1-2/1949
Jun.	Amt. Date	0.30 6/1948	0.33 16/1947	0.37 16/1947	0.41 16/1947	0.55 15-16/1947	0.88 24-25/1942
Jul.	Amt. Date	0.31 22/1947	0.41 27/1947	0.51 27/1947	0.60 27/1947	1.01 27-28/1947	1.21 27/1947
Aug.	Amt. Date	0.50 28/1943	0.74 28/1943	0.86 28-29/1943	1.05 28-29/1943	1.08 28-29/1943	1.08 28-29/1943
Sep.	Amt. Date	0.35 15/1946	0.55 15/1946	0.67 15/1946	0.99 15/1946	1.20 1/1941	1.65E 14-15/1946
Oct.	Amt. Date	0.62 23/1940	0.89 23/1940	1.04 23/1940	1.25 15/1947	2.15 15/1947	3.25 15-16/1947
Nov.	Amt. Date	0.45 14/1942	0.66 14/1942	0.84 14/1942	1.48 23/1942	2.19 15/1950	3.49 15/1950
Dec.	Amt. Date	0.33 15/1941	0.59 19/1941	0.82 19/1941	1.03 19/1941	1.80 19/1941	2.89 1-2/1941
Annual	Amt. Date	0.62 10/23/40	0.89 10/23/40	1.04 10/23/40	1.48 11/23/42	2.19 11/15/50	3.49 11/15/50

Station: HASKINS DAM, OREGON

Drainage basin: WILLAMETTE

County: YAMHILL

Lat. 45° 19' N Long. 123° 21' W

Elev.(ft.) 800

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 2/1946	0.80 2/1946	0.90 1-2/1946	1.44 1/1948	2.45 1/1948	3.19 16-17/1941
Feb.	Amt. Date	0.45 9/1949	0.85 5/1946	1.27 5/1946	2.40 5/1946	4.20 5/1946	6.48 9-10/1949
Mar.	Amt. Date	0.33 25/1943	0.60 21/1948	0.80 21/1948	1.60 21/1948	2.77 21/1948	3.63 30-31/1943
Apr.	Amt. Date	0.33 3/1948	0.43 3/1948	0.45 ^a 3/1948	0.67 4/1941	1.20 30-1/1949	2.20 30-1/1949
May	Amt. Date	0.28 7/1948	0.46 3/1948	0.66 3/1948	1.27 3/1948	1.88 2-3/1948	2.20 30-1/1949
Jun.	Amt. Date	0.24 20/1943	0.39 31-1/1944	0.59 31-1/1944	0.93 31-1/1944	1.20 31-1/1944	1.84 31-1/1944
Jul.	Amt. Date	0.15 ^b 8/1946	0.29 8/1946	0.43 8/1946	0.66 8/1946	0.80 8/1946	0.85 8/1946
Aug.	Amt. Date	0.24 27/1941	0.37 28/1943	0.49 28/1943	0.59 28-29/1943	0.86 28-29/1943	0.88 28-29/1943
Sep.	Amt. Date	0.35 3/1945	0.68 3/1945	1.00 3/1945	1.58 3/1945	2.08 3-4/1945	2.77 ^E 3-4/1945
Oct.	Amt. Date	0.40 24/1943	0.74 27/1950	1.02 27/1950	1.66 24/1943	2.84 23-24/1943	3.80 23-24/1943
Nov.	Amt. Date	0.51 18/1945	0.95 26/1945	1.31 26/1945	2.46 26/1945	4.25 26/1945	5.45 26-27/1945
Dec.	Amt. Date	0.45 27/1942	0.82 1/1941	1.16 ^E 27/1942	1.82 ^E 26-27/1942	3.08 ^E 26-27/1942	3.87 ^E 26-27/1942
Annual	Amt. Date	0.51 11/18/45	0.95 11/26/45	1.31 11/26/45	2.46 11/26/45	4.25 11/26/45	6.48 2/9-10/49

^a Also 7/1945. ^b Also 27/1947.

Station: **HEPPNER, OREGON***

Drainage basin: **COLUMBIA**

County: **MORROW**

Lat. **45° 21' N** Long. **119° 33' W**

Elev.(ft.) **1950**

Period of record: **1941-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.13 27/1947	0.20 7/1948	0.25 7/1948	0.30 14/1945	0.50 31-1/1943	0.73 26-27/1950
Feb.	Amt. Date	0.16 26/1948	0.30 8/1945	0.36 8/1945	0.49 8/1942	0.90 8-9/1942	1.23 8-9/1942
Mar.	Amt. Date	0.25 22/1946	0.38E 12/1946	0.57 12/1946	0.57 12/1946	0.57 12/1946	0.57 12/1946
Apr.	Amt. Date	0.33 17/1948	0.44 17/1948	0.45 17/1948	0.58 28/1943	0.78 28/1943	0.95 27-28/1943
May	Amt. Date	0.53 27/1948	0.66 27/1948	0.73 27/1948	0.74 27/1948	0.74 27/1948	0.74 27/1948
Jun.	Amt. Date	0.72 12/1941	0.76 12/1941	0.76 12/1941	0.76 12/1941	1.08 11-12/1950	1.18 11-12/1950
Jul.	Amt. Date	0.33 4/1942	0.41 10/1947	0.46 5/1948	0.65 5/1948	0.68 4-5/1948	0.68 4-5/1948
Aug.	Amt. Date	0.18 29/1943	0.30 29/1943	0.38 29/1943	0.55 29/1943	0.62 29-30/1943	0.72 29-30/1943
Sep.	Amt. Date	0.23 6/1946	0.41 2/1941	0.47 2/1941	0.65 2/1941	0.78 1-2/1941	1.00 1-2/1941
Oct.	Amt. Date	0.21 4/1941	0.34 26/1942	0.34 26/1942	0.45 26/1942	0.64 20-21/1943	0.79 20-21/1943
Nov.	Amt. Date	0.25 23/1942	0.37 23/1942	0.41 13/1947	0.68 13/1947	0.85 23/1949	1.21 22-23/1949
Dec.	Amt. Date	0.21 28/1945	0.27 28/1945	0.31 28/1945	0.44 31/1942	0.60 31/1942	0.64 31-1/1942
Annual	Amt. Date	0.72 6/12/41	0.76 6/12/41	0.76 6/12/41	0.76 6/12/41	1.08 6/11-12/50	1.23 2/8-9/42

*Formerly Heppner NR, Oregon

Station: HOOD RIVER, OREGON

Drainage basin: COLUMBIA

County: HOOD RIVER

Lat. 45° 41' N Long. 121° 31' W

Elev.(ft.) 500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.21 6/1948	0.38 ^E 6/1948	0.54 ^E 6-7/1948	1.04 ^E 6/1948	2.04 ^E 6-7/1948	3.26 6-7/1948
Feb.	Amt. Date	0.22 10/1949	0.44 10/1949	0.57 10/1949	0.94 10/1949	1.47 10/1949	2.65 9-10/1949
Mar.	Amt. Date	0.23 26/1943	0.33 26/1943	0.45 31/1943	0.76 31/1943	1.35 30-31/1943	2.00 30-31/1943
Apr.	Amt. Date	0.30 17/1947	0.46 17/1947	0.61 17/1947	0.75 17/1947	0.78 17/1947	0.83 17/1947
May	Amt. Date	0.36 24/1942	0.45 24/1942	0.45 24/1942	0.58 4/1941	1.00 4-5/1941	1.16 4-5/1941
Jun.	Amt. Date	0.52 7/1947	0.54 7/1947	0.77 7/1947	1.12 7/1947	1.14 7-8/1947	1.29 7-8/1947
Jul.	Amt. Date	0.15 5/1948	0.25 5/1948	0.30 ^a 8/1946	0.52 8/1946	0.60 8/1946	0.60 8/1946
Aug.	Amt. Date	0.15 3/1942	0.25 5/1943	0.25 5/1943	0.32 4-5/1943	0.32 4-5/1943	0.33 14-15/1948
Sep.	Amt. Date	0.43 27/1947	0.78 27/1947	0.85 27/1947	1.05 27/1947	1.05 27/1947	1.05 27/1947
Oct.	Amt. Date	0.24 23/1943	0.48 23/1943	0.70 23/1943	1.06 23/1943	1.66 23-24/1943	2.38 23-24/1943
Nov.	Amt. Date	0.33 18/1945	0.42 ^b 18/1945	0.59 23/1949	1.02 23/1949	1.38 23/1949	1.85 13-14/1941
Dec.	Amt. Date	0.20 9/1948	0.35 9/1948	0.49 27/1945	0.85 27/1945	1.35 27/1945	2.43 27-28/1945
Annual	Amt. Date	0.52 6/7/47	0.78 9/27/47	0.85 9/27/47	1.12 6/7/47	2.04 ^E 1/6-7/48	3.26 1/6-7/48

a Also 5/1948.

b Also 23/1949

Station: ILLAHE, OREGON*

Drainage basin: ROGUE

County: CURRY

Lat. 42° 39' N Long. 124° 04' W

Elev.(ft.) 300

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 3/1948	1.05 3/1948	1.25 3/1948	2.17 17/1950	3.75 17/1950	5.15 17-18/1950
Feb.	Amt. Date	0.47 21/1948	0.85 10/1949	1.20 10/1949	2.05 10/1949	3.09 12-13/1945	4.92 20-21/1948
Mar.	Amt. Date	0.48 17/1950	0.85 17/1950	1.16 17/1950	2.14 16-17/1950	3.07 16-17/1950	4.55 16-17/1950
Apr.	Amt. Date	0.40 7/1945	0.70 7/1945	0.90 7/1945	1.22 7/1945	2.16 30-1/1949	4.51 30-1/1949
May	Amt. Date	0.32 3/1948	0.57 3/1948	0.88 3/1948	1.36 1/1949	2.44 1/1949	4.51 30-1/1949
Jun.	Amt. Date	0.31 24/1942	0.45 24/1942	0.51 16/1947	0.90 2/1947	1.41 2/1947	1.86 1-2/1947
Jul.	Amt. Date	0.26 26/1947	0.47 26/1947	0.65 26/1947	1.13 26/1947	2.02 26/1947	3.11 26-27/1947
Aug.	Amt. Date	0.25 24/1946	0.39 24/1946	0.49 24/1946	0.69 24/1946	0.71 24/1946	0.71 24/1946
Sep.	Amt. Date	0.28 14/1948	0.40 29/1940	0.50 6/1947	0.70 20-21/1945	1.08 20-21/1945	1.90 20-21/1945
Oct.	Amt. Date	0.47 27/1950	0.80 26-27/1950	1.14 20/1946	2.03 28/1950	3.55 28/1950	6.00 28-29/1950
Nov.	Amt. Date	0.73 18/1946	1.11 18/1946	1.47 18/1946	2.33 18/1946	3.25 18/1946	4.52 17-18/1946
Dec.	Amt. Date	0.55 28/1945	1.01 27/1945	1.41 27/1945	2.60 28/1945	4.43 28/1945	8.38 27-28/1945
Annual	Amt. Date	0.73 11/18/46	1.11 11/18/46	1.47 11/18/46	2.60 12/28/45	4.43 12/28/45	8.38 12/27-28/45

* Formerly Agness, Oregon

Station: IMNAHA, OREGON

Drainage basin: SNAKE

County: WALLOWA

Lat. 45° 34' N Long. 116° 50' W

Elev.(ft.) 1850

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.10 23/1943	0.18 23/1943	0.24 23/1943	0.37 23/1943	0.40 23/1943	0.43 6/1945
Feb.	Amt. Date	0.16 22/1949	0.16 22/1949	0.16 22/1949	0.18 18/1949	0.29 18-19/1949	0.51 18-19/1949
Mar.	Amt. Date	0.18 29/1943	0.24 29/1943	0.25 ^a 29/1943	0.42 29/1943	0.69 23-24/1948	0.78 23-24/1948
Apr.	Amt. Date	0.17 24/1948	0.25 13/1942	0.37 28/1949	0.48 8/1943	0.59 8/1943	0.69 8-9/1943
May	Amt. Date	1.55 22/1942	1.83 22/1942	2.18 22/1942	2.20 22/1942	2.25 22-23/1942	2.25 22-23/1942
Jun.	Amt. Date	0.60 18/1944	0.60 18/1944	0.60 18/1944	0.78 5/1945	1.13 5/1945	1.13 5/1945
Jul.	Amt. Date	0.57 ^b 1/1946	0.60 27/1950	0.60 27/1950	0.61 27/1950	0.61 27/1950	0.75 18/1948
Aug.	Amt. Date	0.30 ^E 8/1942	0.59 ^E 8/1942	0.89 8/1942	0.89 8/1942	0.89 8/1942	0.89 8/1942
Sep.	Amt. Date	0.28 7/1946	0.36 7/1946	0.38 7/1946	0.55 7/1946	0.60 7/1946	0.95 7/1946
Oct.	Amt. Date	0.15 ^c 20/1947	0.25 20/1947	0.35 20/1947	0.55 20/1947	0.65 20-21/1947	0.70 28/1941
Nov.	Amt. Date	0.20 14/1942	0.23 23/1946	0.26 11/1944	0.34 10/1944	0.58 10-11/1944	0.67 10-11/1944
Dec.	Amt. Date	0.19 16/1941	0.30 16/1941	0.40 16/1941	0.55 16/1941	0.55 16/1941	0.55 ^d 16/1941
Annual	Amt. Date	1.55 5/22/42	1.83 5/22/42	2.18 5/22/42	2.20 5/22/42	2.25 5/22-23/42	2.25 5/22-23/42

a Also 30/1946.

b Also 27/1950.

c Also 24/1948.

d Also 28/1945.

Station: JEFFERSON, OREGON

Drainage basin: WILLAMETTE

County: MARION

Lat. 44° 43' N Long. 123° 01' W

Elev.(ft.) 230

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 6/1948	0.78 6/1948	0.94 6/1948	1.42 6/1948	1.93 6/1948	2.81 6/1948
Feb.	Amt. Date	0.38 6/1943	0.61 6/1943	0.72 6/1943	1.15 17/1949	2.01 6/1943	2.68 16-17/1949
Mar.	Amt. Date	0.41 29/1947	0.61 29/1947	0.71 29/1947	0.86 21-22/1948	1.25 30-31/1943	2.05 30-31/1943
Apr.	Amt. Date	0.31 16/1948	0.37 27/1943	0.40 27/1943	0.59 11/1944	0.87 11/1944	1.01 10-11/1944
May	Amt. Date	0.40 12/1945	0.46 3/1948	0.51 3/1948	0.75 3/1948	0.99 3/1948	1.20 1-2/1949
Jun.	Amt. Date	0.20 24/1941	0.22 20/1943	0.26 19/1949	0.40 19-20/1949	0.46 8/1947	0.73 7-8/1947
Jul.	Amt. Date	0.32 8/1946	0.52 8/1946	0.70 8/1946	0.80 8/1946	0.95 8/1946	0.95 8/1946
Aug.	Amt. Date	0.35 22/1948	0.40 22/1948	0.40 22/1948	0.43 22/1948	0.49E 29/1943	0.98 29/1943
Sep.	Amt. Date	0.35 9/1949	0.65 9/1949	0.67 26/1940	0.81 26/1940	1.04 1/1941	1.62 26-27/1940
Oct.	Amt. Date	0.38 17/1947	0.57 5/1950	0.77 5/1950	1.00 10/1948	1.59 15/1947	2.44 15-16/1947
Nov.	Amt. Date	0.35 26/1942	0.50a 26/1942	0.73 1/1948	1.09 1/1948	1.89 15-16/1950	2.44 15-16/1950
Dec.	Amt. Date	0.33 2/1941	0.55 15/1941	0.63 15/1941	1.09 2/1941	1.46 2/1941	2.65 1-2/1941
Annual	Amt. Date	0.41 3/29/47	0.78 1/6/48	0.94 1/6/48	1.42 1/6/48	2.01 2/6/43	2.81 1/6/48

a Also 1/1948.

Station: JORDAN VALLEY, OREGON

Drainage basin: CUYBEE

County: MALHEUR

Lat. 42° 59' N Long. 117° 03' W

Elev.(ft.) 4260

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.15 21/1943	0.17 21/1943	0.26 21/1943	0.34 21/1943	0.51 21/1943	0.55 21-22/1943
Feb.	Amt. Date	0.14 17/1945	0.20a 17/1945	0.25 17/1945	0.29 17/1945	0.36 8-9/1942	0.39 21/1948
Mar.	Amt. Date	0.12 24/1948	0.21 19/1950	0.28 19/1950	0.45 19/1950	0.53 25/1945	0.67 24/1945
Apr.	Amt. Date	0.18 4/1942	0.23 4/1942	0.29 15/1944	0.40 15/1944	0.44 15-16/1944	0.48 15-16/1944
May	Amt. Date	0.25 29/1949	0.35 29/1949	0.37 29/1949	0.45 29/1949	0.47b 26/1946	0.71 26-27/1946
Jun.	Amt. Date	0.22 12/1948	0.31 20-21/1944	0.39 20-21/1944	0.56 20-21/1944	0.57 20-21/1944	0.69 20-21/1944
Jul.	Amt. Date	0.29 6/1943	0.29 6/1943	0.29 6/1943	0.29 6/1943	0.29 6/1943	0.29 6/1943
Aug.	Amt. Date	0.29 22/1946	0.53 22/1946	0.53 22/1946	0.54 22/1946	0.54 22/1946	0.54 22/1946
Sep.	Amt. Date	0.35 8/1950	0.60 8/1950	0.61 8/1950	0.87 8/1950	1.42 8/1950	1.86 8-9/1950
Oct.	Amt. Date	0.25 25/1941	0.42 25/1941	0.57 25/1941	0.68 25/1941	0.75 25/1941	0.75 25/1941
Nov.	Amt. Date	0.17 30/1948	0.20c 15/1942	0.27 15/1942	0.32 15/1942	0.47 15/1948	0.53 19/1946
Dec.	Amt. Date	0.14 23/1942	0.22 23-24/1942	0.26 23-24/1942	0.29 23/1942	0.41 27/1945	0.66 27-28/1945
Annual	Amt. Date	0.35 9/8/50	0.60 9/8/50	0.61 9/8/50	0.87 9/8/50	1.42 9/8/50	1.86 9/8-9/50

a Also 22/1948.

b Also 29/1949.

c Also 6/1950.

Station: **KERBY, OREGON**

Drainage basin: **ROGUE**

County: **JOSEPHINE**

Lat. **42° 12' N** Long. **123° 39' W**

Elev.(ft.) **1265**

Period of record: **1941-1950**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.60 30/1947	0.80 30/1947	1.08 20/1943	1.97 20/1943	3.36 20/1943	4.88 20-21/1943
Feb.	Amt. Date	0.35 22/1949	0.64 22/1949	0.86 11/1947	1.45 7-8/1945	2.45 11/1947	2.72 7-8/1945
Mar.	Amt. Date	0.28 1/1941	0.49 1/1941	0.66 9/1947	1.22 9/1947	1.85 16-17/1950	2.93 9-10/1947
Apr.	Amt. Date	0.30 ^a 19/1944	0.50 ^b 4/1941	0.70 7/1945	1.05 7/1945	1.54 ^E 30-1/1949	3.08 30-1/1949
May	Amt. Date	0.29 24/1942	0.53 24/1942	0.77 24/1942	1.25 1/1949	2.22 1-2/1949	3.36 1-2/1949
Jun.	Amt. Date	0.30 5/1947	0.37 5/1947	0.50 5/1947	0.80 5/1947	1.22 4-5/1947	1.62 4-5/1947
Jul.	Amt. Date	0.30 19/1943	0.52 26/1947	0.76 26/1947	1.45 26/1947	2.26 26/1947	3.50 26/1947
Aug.	Amt. Date	0.20 29/1947	0.40 29/1947	0.51 29/1947	0.80 29/1947	0.80 29/1947	0.80 29/1947
Sep.	Amt. Date	0.43 24/1949	0.64 24/1949	0.74 24/1949	0.75 24/1949	0.79 2/1941	0.95 2-3/1941
Oct.	Amt. Date	0.87 28/1950	1.28 28/1950	1.62 28/1950	2.60 28-29/1950	4.49 28-29/1950	7.06 28-29/1950
Nov.	Amt. Date	0.40 18/1946	0.75 18/1946	1.10 18/1946	1.60 18/1946	2.25 18/1946	4.03 16-17/1950
Dec.	Amt. Date	0.46 2/1941	0.85 2/1941	1.23 1-2/1941	2.31 1-2/1941	4.10 1-2/1941	5.83 1-2/1941
Annual	Amt. Date	0.87 10/28/50	1.28 10/28/50	1.62 10/28/50	2.60 10/28-29/50	4.49 10/28-29/50	7.06 10/28-29/50

. a Also 21/1948. b Also 7/1945 and 21/1948.

Station: LACOMB, OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 35'N Long. 122° 44'W

Elev.(ft.) 610

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 10/1950	0.60 10/1950	0.77 6-7/1948	1.09 6-7/1948	1.74 ^a 5-6/1948	3.11 6-7/1948
Feb.	Amt. Date	0.31 8/1950	0.49 6/1943	0.66 6/1943	1.23 6/1943	2.02 6/1943	3.60 17-18/1949
Mar.	Amt. Date	0.37 17/1950	0.55 ^a 12/1946	0.73 12/1946	1.10 12/1946	1.90 12/1946	2.56 11-12/1946
Apr.	Amt. Date	0.29 27/1943	0.40 27/1943	0.45 11/1944	0.58 11/1944	0.79 27-28/1943	1.55 30-1/1949
May	Amt. Date	0.49 31/1947	0.60 20/1949	0.65 20/1949	0.71 20/1949	0.96 3/1948	1.70 1-2/1949
Jun.	Amt. Date	0.38 1/1947	0.52 1/1947	0.52 1/1947	0.57 1/1947	0.73 1/1947	1.24 7-8/1947
Jul.	Amt. Date	0.35 8/1946	0.55 8/1946	0.65 8/1946	0.77 8/1946	0.95 27/1947	1.13 27/1947
Aug.	Amt. Date	0.40 28/1943	0.74 28/1943	0.91 28-29/1943	1.01 28-29/1943	1.04 ^E 28-29/1943	1.25 28-29/1943
Sep.	Amt. Date	0.53 11/1941	0.78 21/1944	1.05 21/1944	1.35 21/1944	1.37 21/1944	1.76 26-27/1940
Oct.	Amt. Date	0.45 23/1940	0.77 23/1940	1.01 23/1940	1.23 23/1940	1.95 15/1947	2.76 15-16/1947
Nov.	Amt. Date	0.37 23/1942	0.66 23/1942	0.89 23/1942	1.54 23/1942	2.36 23/1942	2.56 ^b 22-23/1942
Dec.	Amt. Date	0.35 15/1941	0.54 15/1941	0.67 2/1948	1.24 2/1941	2.02 2/1941	3.09 1-2/1941
Annual	Amt. Date	0.53 9/11/41	0.78 9/21/41	1.05 9/21/44	1.54 11/23/42	2.36 11/23/42	3.60 2/17-18/49

^a Also 29/1947.

^b Also 15-16/1950.

Station: LA GRANDE CAA APT, OREGON

Drainage basin: GRANDE RONDE

County: UNION

Lat. 45° 17'N Long. 118° 02'W

Elev.(ft.) 2709

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.12a 27/1942	0.15b 27/1942	0.22 21/1943	0.35 21/1943	0.40 20-21/1943	0.45 20-21/1943
Feb.	Amt. Date	0.14 7/1945	0.23 7/1945	0.32 7/1945	0.48 7/1945	0.66 7/1945	0.69 7/1945
Mar.	Amt. Date	0.33 29/1946	0.65 29/1946	0.77 29/1946	0.87 29/1946	0.94 29/1946	1.05 28-29/1946
Apr.	Amt. Date	0.35 4/1942	0.47 4/1942	0.55 4/1942	0.61 4/1942	0.62 4/1942	0.62 4/1942
May	Amt. Date	0.28 24/1941	0.37 18/1948	0.55 18/1948	0.82 20-21/1948	0.97 20-21/1948	1.03 20-21/1948
Jun.	Amt. Date	0.50 19/1944	0.75 19/1944	0.76 19/1944	0.82 19/1944	0.93 26/1942	1.25 8/1947
Jul.	Amt. Date	0.54 18/1950	0.55 18/1950	0.55 18/1950	0.60 18/1950	0.62 8/1946	0.62 8/1946
Aug.	Amt. Date	0.37 22/1948	0.69 22/1948	0.69 22/1948	0.69 22/1948	0.69 22/1948	0.80 22-23/1948
Sep.	Amt. Date	0.28 4/1946	0.40 4/1946	0.41 5/1946	0.71 5/1946	0.80 5/1946	0.80 5/1946
Oct.	Amt. Date	0.20 20/1947	0.32 20/1947	0.39 20/1947	0.58 20/1947	0.70 20-21/1947	0.78 31-1/1942
Nov.	Amt. Date	0.22 23/1949	0.32 23/1949	0.40 23/1949	0.58 23/1949	1.01 23/1949	1.26 23/1949
Dec.	Amt. Date	0.15 4/1941	0.28 4/1941	0.33 4/1941	0.50E 11/1946	1.00E 11/1946	2.00 11/1946
Annual	Amt. Date	0.54 7/18/50	0.75 6/19/44	0.77 3/29/46	0.87 3/29/46	1.01 11/23/49	2.00 12/11/46

a Also 22/1950. b Also 21/1943.

Station: LAKEVIEW, OREGON

Drainage basin: PIT

County: LAKE

Lat. 42° 11' N Long. 120° 21' W

Elev.(ft.) 4756

Period of record: 1941-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.15 16/1950	0.25 ^E 21-22/1943	0.35 ^E 21-22/1943	0.54 ^E 22/1943	0.65 22/1943	1.04 21-22/1943	
Feb.	0.11 ^a 6/1942	0.20 ^a 8/1945	0.28 15/1949	0.47 5/1942	0.89 5-6/1942	1.34 10-11/1941	
Mar.	0.16 22/1949	0.25 ^E 2/1947	0.37 ^E 2/1947	0.62 ^E 2-3/1947	0.97 ^E 2-3/1947	1.23 2-3/1947	
Apr.	0.30 30/1941	0.35 30/1941	0.38 30/1948	0.48 27-28/1943	0.71 27-28/1943	0.85 27-28/1943	
May	0.44 31/1944	0.44 31/1944	0.46 25/1945	0.73 14/1949	0.88 3/1950	1.00 13-14/1949	
Jun.	0.54 4/1948	0.79 4/1948	1.04 4/1948	1.26 4/1948	1.69 15-16/1944	2.33 15-16/1944	
Jul.	0.28 11/1949	0.33 11/1949	0.33 11/1949	0.35 11/1949	0.35 11/1949	0.37 11-12/1949	
Aug.	0.17 11/1941	0.28 11/1941	0.38 11/1941	0.52 11/1941	0.58 10-11/1941	0.95 10-11/1941	
Sep.	0.21 9/1942	0.25 9/1942	0.29 1/1941	0.50 9/1942	0.50 9/1942	0.50 9/1942	
Oct.	0.26 30/1945	0.37 30/1945	0.41 30/1945	0.59 30/1945	0.74 29-30/1945	1.15 26/1941	
Nov.	0.30 10/1944	0.38 10/1944	0.49 ^E 19/1946	0.77 ^E 19/1946	1.03 19/1946	1.09 18-19/1946	
Dec.	0.20 3/1946	0.38 3/1946	0.43 3/1946	0.63 3/1946	0.80 3-4/1946	1.22 2-3/1950	
Annual	0.54 6/4/48	0.79 6/4/48	1.04 6/4/48	1.26 6/4/48	1.69 6/15-16/44	2.33 6/15-16/44	

^a Also 15/1949.

Station: LEEB CAMP, OREGON*

Drainage basin: COAST

County: TILLAMOOK

Lat. 45° 35' N Long. 123° 32' W

Elev. (ft.) 665

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.53 20/1943	0.95 25/1947	1.35 25/1947	2.30 25/1947	3.45 25/1947	6.33 19/1950
Feb.	Amt. Date	0.87 1/1947	1.52 1/1947	1.83 1/1947	3.30 6-7/1945	5.10 6-7/1945	7.79 6-7/1945
Mar.	Amt. Date	0.36 21/1948	0.68 21/1948	0.99 21/1948	1.74 21/1948	3.17 21/1948	4.38 9-10/1945
Apr.	Amt. Date	0.42 30/1940	0.80 30/1940	1.05 30/1940	1.85 30/1940	2.84 10/1946	3.91 9-10/1946
May	Amt. Date	0.37 3/1948	0.60 3/1948	0.80 3/1948	1.49 3/1948	2.19 2-3/1948	3.15 1/1949
Jun.	Amt. Date	0.53 20/1941	0.73 20/1941	0.85 20/1941	0.92 20/1941	1.01 8/1947	1.73 8-9/1947
Jul.	Amt. Date	0.40 28/1947	0.65 28/1947	0.89 28/1947	1.11 28/1947	1.20 28/1947	1.34 27-28/1947
Aug.	Amt. Date	0.28 28/1941	0.42 28/1941	0.45 28/1941	0.74 28/1941	1.45 27-28/1941	2.19 28/1941
Sep.	Amt. Date	0.35 29/1944	0.60 29/1944	0.77 29/1944	1.11 6/1947	1.68 29/1944	2.57 6-7/1947
Oct.	Amt. Date	0.56 9/1941	0.95 2/1947	1.34 2/1947	2.24 2/1947	3.41 1-2/1947	4.68 30-31/1942
Nov.	Amt. Date	0.70 ^a 26/1945	1.20 26/1945	1.55 26/1945	2.52 26/1945	3.95 26-27/1949	6.50 17-18/1946
Dec.	Amt. Date	0.66 27/1942	1.06 22/1950	1.35 22/1950	2.26 18/1941	3.81 18/1941	6.12 27-28/1945
Annual	Amt. Date	0.87 2/1/47	1.52 2/1/47	1.83 2/1/47	3.30 2/6-7/45	5.10 2/6-7/45	7.79 2/6-7/45

^a Also 26/1949.

* Formerly Tillamook No. 1

Station: MCKENZIE BRIDGE RANGER STATION, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 44° 10'N Long. 122° 10'W

Elev.(ft.) 1375

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.65 17/1950	0.90 17/1950	1.00 17/1950	1.45 17-18/1950	2.14 6/1948	3.94 5-6/1948
Feb.	Amt. Date	0.28a 21/1948	0.52 21/1948	0.75 21/1948	1.23 21/1948	2.18 21/1948	3.49 20-21/1948
Mar.	Amt. Date	0.27 4/1940	0.40b 12/1946	0.55 9/1947	0.90 12/1946	1.64 12/1946	2.55 11-12/1946
Apr.	Amt. Date	0.35 8/1940	0.38 8/1940	0.50 30/1940	0.77 30/1940	1.40E 30-1/1949	2.79 30-1/1949
May	Amt. Date	0.30 12/1949	0.48 22/1942	0.65 22/1942	0.89 1/1949	1.61 1/1949	2.81 1-2/1949
Jun.	Amt. Date	0.75 10/1948	1.25 10/1948	1.40 10/1948	1.43 10/1948	1.60 10-11/1948	1.79 11-12/1950
Jul.	Amt. Date	0.25 10/1942	0.50 10/1942	0.54 10/1942	0.70 10/1942	0.86 27-28/1948	1.11 27-28/1948
Aug.	Amt. Date	0.23 29/1943	0.44 29/1943	0.49c 29/1943	0.73 29/1943	0.93 29/1943	0.98 29/1943
Sep.	Amt. Date	0.70 1/1946	0.71 1/1946	0.71 1/1946	0.94 1/1941	1.50 1/1941	1.93 1-2/1941
Oct.	Amt. Date	0.42 20/1946	0.59 20/1946	0.86 20/1946	1.39 20/1946	2.49 15-16/1947	3.75 15-16/1947
Nov.	Amt. Date	0.42 3/1943	0.80 3/1943	1.06 3/1943	1.71 3/1943	2.55 26/1942	3.85 25-26/1942
Dec.	Amt. Date	0.35 7/1948	0.65 7/1948	0.85 7/1948	1.32E 27-28/1945	2.64E 27-28/1945	5.28 27-28/1945
Annual	Amt. Date	0.75 6/10/48	1.25 6/10/48	1.40 6/10/48	1.71 11/3/43	2.64E 12/27-28/45	5.28 12/27-28/45

a Also 7/1949.

b Also 9/1947.

c Also 23/1950.

Station: McNARY DAM, OREGON

Drainage basin: COLUMBIA

County: UMATILLA

Lat. 45° 55'N Long. 119° 18'W

Elev.(ft.) 480

Period of record: 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.04 31/1948	0.07 31/1948	0.09 31/1948	0.13 31/1948	0.23 31-1/1948	0.30 31-1/1948
Feb.	Amt. Date	0.15 19/1949	0.15 19/1949	0.15 19/1949	0.24 18-19/1949	0.26 18-19/1949	0.31 18-19/1949
Mar.	Amt. Date	0.07 2/1950	0.11 2/1950	0.15 2/1950	0.20 2/1950	0.22 2/1950	0.24 2-3/1950
Apr.	Amt. Date	0.15 1/1948	0.16a 1/1948	0.20 6/1950	0.26 29/1948	0.37 28-29/1948	0.39 28-29/1948
May	Amt. Date	0.09 12/1948	0.14 12/1948	0.15 12/1948	0.17 12/1948	0.19 12/1948	0.19 12/1948
Jun.	Amt. Date	0.42 15/1948	0.47 15-16/1948	0.54 15-16/1948	0.62 15-16/1948	0.67 15-16/1948	0.69 15-16/1948
Jul.	Amt. Date	0.20 6/1948	0.27 5/1948	0.37 5/1948	0.50 5/1948	0.50 5/1948	0.52 5/1948
Aug.	Amt. Date	0.06 8/1950	0.06 8/1950	0.06 8/1950	0.06 8/1950	0.06 8/1950	0.06 8/1950
Sep.	Amt. Date	0.12 18/1948	0.12 18/1948	0.12 18/1948	0.12 18/1948	0.20 18/1948	0.20 18/1948
Oct.	Amt. Date	0.13 5/1950	0.16 5/1950	0.18 5/1950	0.25 4-5/1950	0.40 4-5/1950	0.41 4-5/1950
Nov.	Amt. Date	0.15 23/1948	0.16 23/1948	0.16b 23/1948	0.20 23/1949	0.34 23/1949	0.38 23/1949
Dec.	Amt. Date	0.10 3/1950	0.18 3/1950	0.24 3/1950	0.35 3-4/1950	0.46 3-4/1950	0.49 3-4/1950
Annual	Amt. Date	0.42 6/15/48	0.47 6/15-16/48	0.54 6/15-16/48	0.62 6/15-16/48	0.67 6/15-16/48	0.69 6/15-16/48

a Also 6/1950. b Also 23/1949.

Station: MARCOLA, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 44° 10' N Long. 122° 51' W

Elev.(ft.) 530

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.55 7/1948	0.74 7/1948	0.90 6-7/1948	1.55 20/1943	2.38 20/1943	3.67 6-7/1948
Feb.	Amt. Date	0.31 8/1945	0.55 22/1949	0.76 ^a 7-8/1945	1.20 22/1949	1.96 17/1949	3.37 17-18/1949
Mar.	Amt. Date	0.35 12/1946	0.68 12/1946	0.87 12/1946	1.42 12/1946	2.44 12/1946	2.86 11-12/1946
Apr.	Amt. Date	0.25 27/1943	0.40 23/1945	0.55 23/1945	0.71 23/1945	1.32 30-1/1949	2.47 30-1/1949
May	Amt. Date	0.70 29/1945	1.00 29/1945	1.02 29/1945	1.02 29/1945	1.53 1/1949	2.47 30-1/1949
Jun.	Amt. Date	0.38 7/1947	0.43 7/1947	0.44 7/1947	0.61 24-25/1942	0.92 8/1947	1.44 7-8/1947
Jul.	Amt. Date	0.55 27/1947	0.69 27/1947	0.75 27/1947	0.90 27/1947	1.20 27-28/1947	1.55 27-28/1947
Aug.	Amt. Date	0.30 28/1943	0.54 28-29/1943	0.77 28-29/1943	0.84 28-29/1943	0.88 28-29/1943	0.96 28-29/1943
Sep.	Amt. Date	0.48 19/1941	0.60 19/1941	0.77 20/1945	1.27 1/1941	1.82 1/1941	2.41 1-2/1941
Oct.	Amt. Date	0.50 ^b 24/1940	0.83 15/1947	0.98 15/1947	1.76 15/1947	2.88 15/1947	3.95 15-16/1947
Nov.	Amt. Date	0.38 2/1948	0.61 2/1948	0.80 29/1942	1.28 29/1942	2.22 18/1945	3.43 14-15/1941
Dec.	Amt. Date	0.35 ^c 15/1941	0.67 27-28/1945	0.95 27-28/1945	1.80 27-28/1945	2.91 2/1941	4.90 27-28/1941
Annual	Amt. Date	0.70 5/29/45	1.00 5/29/45	1.02 5/29/45	1.80 12/27-28/45	2.91 12/2/41	4.90 12/27-28/41

a Also 22/1949.

b Also 15/1947.

c Also 28/1945.

Station: MARION FORKS, OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 37'N Long. 121° 57'W

Elev.(ft.) 2445

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30E 20/1943	0.59E 20/1943	0.87E 20/1943	1.66E 20/1943	2.68E 20/1943	3.81 6-7/1948
Feb.	Amt. Date	0.28 2/1947	0.53 2/1947	0.70 2/1947	1.13 7-8/1945	1.86 17/1949	2.81 17-18/1949
Mar.	Amt. Date	0.23 23/1947	0.33 22-23/1947	0.43 31/1943	0.81 31/1943	1.52 31/1943	2.63E 30-31/1943
Apr.	Amt. Date	0.25 23/1945	0.37 23/1945	0.50 30-1/1949	0.90E 30-1/1949	1.80 30-1/1949	3.36 30-1/1949
May	Amt. Date	0.29 25/1946	0.54 25/1946	0.70 25/1946	1.04 3/1948	1.87 1/1949	3.40 1/1949
Jun.	Amt. Date	1.00 5/1942	1.06 5/1942	1.07 5/1942	1.39 5/1942	1.46 5-6/1942	1.69 24-25/1943
Jul.	Amt. Date	0.90 26/1941	0.90 26/1941	0.90 26/1941	0.95 26/1941	0.98 26-27/1941	1.00 26-27/1941
Aug.	Amt. Date	0.55 3/1947	0.76 3/1947	0.77 3/1947	0.80 3/1947	0.98 3/1947	1.00 3/1947
Sep.	Amt. Date	0.60 21/1944	0.90 21/1944	1.03 21/1944	1.15 21/1944	1.36 1/1941	1.46 1/1941
Oct.	Amt. Date	0.26 2/1950	0.43a 20/1946	0.59 10/1947	1.13 15/1947	2.01 15/1947	3.16 15-16/1947
Nov.	Amt. Date	0.35 14/1942	0.60 14/1942	0.85 14/1942	1.37 26/1942	2.24 23/1942	3.25E 26-27/1945
Dec.	Amt. Date	0.43 12/1948	0.69 12/1948	0.95 12/1948	1.50 2/1941	2.44 2/1941	3.92 1-2/1941
Annual	Amt. Date	1.00 6/5/42	1.06 6/5/42	1.07 6/5/42	1.66E 1/20/43	2.68E 1/20/43	3.92 12/1-2/41

a Also 17/1947.

Station: MEACHAM WB APT, OREGON

Drainage basin: COLUMBIA

County: UMATILLA

Lat. 45° 30'N Long. 118° 24'W

Elev.(ft.) 4050

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.23 22/1946	0.42 21-22/1946	0.60 21-22/1946	1.05 21-22/1946	1.79 21-22/1946	2.37 21-22/1946
Feb.	Amt. Date	0.25a 27/1947	0.49 10/1949	0.73 10/1949	1.00 27/1946	1.69 25-26/1948	2.34 12-13/1945
Mar.	Amt. Date	0.30 9/1942	0.40 9/1942	0.56 9/1942	0.61 9/1942	1.03 12/1946	1.55 11-12/1946
Apr.	Amt. Date	0.22 17/1947	0.29 17/1947	0.37 17/1947	0.69 17/1947	1.03 17/1947	1.27 10-11/1945
May	Amt. Date	0.45 26/1946	0.51 26/1946	0.58 26/1946	0.73b 17/1941	0.92 7-8/1946	1.51 26-27/1946
Jun.	Amt. Date	0.35c 26/1942	0.65 26/1942	0.85 26/1942	1.60 26/1942	2.30 26/1942	2.77 25-26/1942
Jul.	Amt. Date	0.38 18/1950	0.41 18/1950	0.41 18/1950	0.61 8/1946	0.92 8/1946	1.08 26-27/1940
Aug.	Amt. Date	0.23 29/1943	0.37 29/1943	0.49 29/1943	0.64 29/1943	0.88 29/1943	1.27 29-30/1943
Sep.	Amt. Date	0.63 25/1947	0.86 9/1949	0.88 9/1949	0.94 9/1949	1.13 2-3/1941	1.71 2-3/1941
Oct.	Amt. Date	0.38 20/1946	0.57 3/1941	0.83 3/1941	1.26 3/1941	1.64 31-1/1942	1.96 3-4/1941
Nov.	Amt. Date	0.47 10/1944	0.53 10/1944	0.62 27/1949	0.91 31-1/1942	1.64 31-1/1942	2.51 26/1945
Dec.	Amt. Date	0.28 28/1945	0.45 28/1945	0.53 27/1945	0.92 27/1945	1.67 27-28/1945	3.00 11-12/1946
Annual	Amt. Date	0.63 9/25/47	0.86 9/9/49	0.88 9/9/49	1.60 6/26/42	2.30 6/26/42	3.00 12/11-12/46

a Also 10/1949.

b Also 26/1946.

c Also 16/1944.

Station: MEDFORD WB APT, OREGON

Drainage basin: ROGUE

County: JACKSON

Lat. 42° 44' N Long. 122° 52' W

Elev.(ft.) 1314

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.34 13/1950	0.59 13/1950	0.76 7/1948	1.00 20/1943	1.43 20/1943	2.70 20-21/1943
Feb.	Amt. Date	0.35 22/1949	0.50 22/1949	0.54 22/1949	0.74 22/1949	1.03 22/1949	1.03 22/1949
Mar.	Amt. Date	0.27 3/1944	0.35 3/1944	0.36 3/1944	0.48 29/1943	0.58 18-19/1950	0.86 18-19/1950
Apr.	Amt. Date	0.57 12/1946	0.74 12/1946	0.79 12/1946	0.79 12/1946	0.79 12/1946	0.92 27-28/1943
May	Amt. Date	0.50 24/1945	0.90 24/1945	0.97 24/1945	1.15 24/1945	1.17 24/1945	1.17 24/1945
Jun.	Amt. Date	0.48 12/1948	0.50 18/1944	0.54 18/1944	0.58 12/1948	0.87 4-5/1947	1.04 4-5/1947
Jul.	Amt. Date	0.15 26/1947	0.27 26/1947	0.30 26/1947	0.42 26/1947	0.53 26/1947	0.95 26/1947
Aug.	Amt. Date	1.06 6/1945	1.12 6/1945	1.12 6/1945	1.12 6/1945	1.12 6/1945	1.13 6/1945
Sep.	Amt. Date	0.29 ^a 1/1941	0.44 18/1950	0.53 18/1950	0.64 1/1941	0.71 1/1941	0.73 1/1941
Oct.	Amt. Date	0.44 29/1950	0.68 29/1950	0.90 29/1950	1.25 28/1950	2.32 27-28/1950	2.92 27-28/1950
Nov.	Amt. Date	0.35 17/1942	0.61 18/1946	0.74 18/1946	1.34 18/1946	2.23 18/1946	2.59 18/1946
Dec.	Amt. Date	0.28 28/1945	0.44 28/1945	0.60 28/1945	1.02 2/1941	1.53 2-3/1950	2.50 2-3/1950
Annual	Amt. Date	1.06 8/6/45	1.12 8/6/45	1.12 8/6/45	1.34 11/18/46	2.32 10/27-28/50	2.92 10/27-28/50

^a Also 18/1950.

Station: MIST, OREGON

Drainage basin: COAST

County: COLUMBIA

Lat. 45° 59'N Long. 123° 15'W

Elev.(ft.) 500

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 2/1946	0.52a 23/1942	0.62 29/1946	0.85 1-2/1946	1.07 23-24/1942	1.72 16-17/1941
Feb.	Amt. Date	0.25 7/1945	0.45 1/1946	0.64 1/1946	1.14 1/1946	1.75 9-10/1949	2.80 9-10/1949
Mar.	Amt. Date	0.30 8/1950	0.48 30/1943	0.64 30/1943	0.91 30-31/1943	1.21 27-28/1943	1.89 30-31/1943
Apr.	Amt. Date	0.22 17/1948	0.38 8/1950	0.51 8/1950	0.86 8/1950	1.30 7-8/1950	1.42 7-8/1950
May	Amt. Date	0.40 17/1945	0.50 24/1948	0.50 24/1948	0.70 3/1948	0.89 3/1948	1.35 30-1/1949
Jun.	Amt. Date	0.80 18/1944	0.83 18/1944	0.83 18/1944	0.83 18/1944	0.83 18/1944	0.83 18/1944
Jul.	Amt. Date	0.40 6/1948	0.60 6/1948	0.60 6/1948	0.60 6/1948	0.75 8/1946	0.86 6-7/1948
Aug.	Amt. Date	0.28 3/1941	0.42 3/1941	0.50b 3/1941	0.59 5/1943	0.75 28-29/1043	0.90 2-3/1941
Sep.	Amt. Date	0.20c 1/1941	0.34 1/1941	0.45 3/1941	0.77d 1/1941	1.23 3-4/1945	1.90 3-4/1945
Oct.	Amt. Date	0.37 4/1948	0.47 20/1946	0.61 17/1947	0.99 17/1947	1.12 17/1947	1.94 30-31/1942
Nov.	Amt. Date	0.40 18/1945	0.65 18/1945	0.85 18/1945	1.55 18/1946	2.45 17-18/1946	3.55 17-18/1946
Dec.	Amt. Date	0.33e 16/1941	0.50 10/1946	0.68 1/1946	1.12 1/1946	1.90 8-9/1948	2.40 2-3/1943
Annual	Amt. Date	0.80 6/18/44	0.83 6/18/44	0.85 11/18/45	1.55 11/18/46	2.45 11/17-18/46	3.55 11/17-18/46

a Also 2/1946. b Also 5/1943. c Also 13/1944. d Also 3-4/1945.

e Also 10/1946.

Station: MONUMENT RANGER STATION, OREGON

Drainage basin: JOHN DAY

County: GRANT

Lat. 44° 49' N Long. 119° 25' W

Elev.(ft.) 1990

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.13 24/1947	0.19 1/1943	0.25 1/1943	0.38 1/1943	0.49 1-2/1943	0.64 25-26/1950
Feb.	Amt. Date	0.15 8/1945	0.25 8/1945	0.29 8/1945	0.40 8-9/1942	0.73 8-9/1942	0.83 8-9/1942
Mar.	Amt. Date	0.12 22/1947	0.20 ^a 11/1946	0.25 ^b 22/1947	0.37 14/1948	0.52 14/1948	0.63 14/1948
Apr.	Amt. Date	0.29 17/1947	0.33 17/1947	0.34 17/1947	0.48 28-29/1948	0.76 28-29/1948	0.83 28-29/1948
May	Amt. Date	0.60 7/1942	0.75 7/1942	0.90 27/1948	0.90 27/1948	0.91 27-28/1948	1.08 12-13/1941
Jun.	Amt. Date	0.38 16/1947	0.50 25/1943	0.60 25/1943	0.75 25/1943	0.85 24-25/1943	1.03 24-25/1943
Jul.	Amt. Date	1.74 6/1941	1.87 6/1941	1.89 6/1941	1.89 6/1941	1.89 6/1941	1.89 6/1941
Aug.	Amt. Date	0.39 22/1948	0.43 22/1948	0.45 22/1948	0.60 11/1941	0.65 11/1941	0.65 11/1941
Sep.	Amt. Date	0.26 28/1949	0.30 28/1949	0.31 28/1949	0.34 28/1949	0.36 28/1949	0.41 28/1949
Oct.	Amt. Date	0.19 21/1943	0.28 21/1943	0.33 21/1943	0.39 4/1948	0.61 31/1942	0.74 3-4/1948
Nov.	Amt. Date	0.15 27/1949	0.26 27/1949	0.34 27/1949	0.58 23/1949	0.84 23/1949	0.85 23/1949
Dec.	Amt. Date	0.18 24/1942	0.24 24/1942	0.29 24/1942	0.46 11-12/1948	0.70 11-12/1948	0.85 11-12/1948
Annual	Amt. Date	1.74 7/6/41	1.87 7/6/41	1.89 7/6/41	1.89 7/6/41	1.89 7/6/41	1.89 7/6/41

a Also 22/1947 and 14/1948. b Also 14/1948.

Station: MORO, OREGON

Drainage basin: JOHN DAY

County: SHERMAN

Lat. 45° 27' N Long. 120° 42' W

Elev.(ft.) 1838

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.17 6/1948	0.25 14/1945	0.34 6/1948	0.67 6/1948	0.93 6/1948	1.20 6-7/1948
Feb.	Amt. Date	0.16 16/1944	0.18 5/1948	0.26 4-5/1948	0.45 4-5/1948	0.65 4-5/1948	0.71 4-5/1948
Mar.	Amt. Date	0.18 25/1948	0.25 25/1948	0.29 25/1948	0.31 25/1948	0.31 25/1948	0.42 28-29/1943
Apr.	Amt. Date	0.15 2/1947	0.30 2/1947	0.33 2-3/1947	0.48 2-3/1947	0.57 27-28/1943	0.72 27-28/1943
May	Amt. Date	0.25 26/1945	0.50 26/1945	0.56 26-27/1945	0.57 26-27/1945	0.62 26-27/1945	0.87 26-27/1945
Jun.	Amt. Date	0.40 14/1946	0.65 14/1946	0.89 14/1946	0.89 14/1946	0.90 14/1946	0.92 14-15/1946
Jul.	Amt. Date	0.09 17/1941	0.15 17/1941	0.15a 17/1941	0.21a 13/1942	0.33 13/1942	0.35 27-28/1947
Aug.	Amt. Date	0.19 5/1943	0.24 5/1943	0.25 5/1943	0.46 5/1943	0.52 5/1943	0.52 5/1943
Sep.	Amt. Date	0.85 27/1947	1.05 27/1947	1.05 27/1947	1.30 27-28/1947	1.30 27-28/1947	1.39 27-28/1947
Oct.	Amt. Date	0.22b 24/1940	0.39 24/1940	0.48 24/1940	0.71 24/1940	0.85 23/1943	1.00 23-24/1943
Nov.	Amt. Date	0.19c 14/1942	0.25 19/1948	0.35 15/1941	0.66 15/1941	0.98 14-15/1941	1.11 14-15/1941
Dec.	Amt. Date	0.20 11/1948	0.30 11/1948	0.38 11/1948	0.55 11/1948	0.77 28/1945	1.14 27-28/1945
Annual	Amt. Date	0.85 9/27/47	1.05 9/27/47	1.05 9/27/47	1.30 9/27-28/47	1.30 9/27-28/47	1.39 9/27-28/47

a Also 8/1946. b Also 4/1948. c Also 18/1947.

Station: NEHALEM, OREGON

Drainage basin: COAST

County: TILLAMOOK

Lat. 45° 43'N Long. 123° 55'W

Elev.(ft.) 150

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.58 1/1944	0.80 6/1948	1.00 25/1947	1.75 25/1947	2.45 19/1950	4.00 18-19/1950
Feb.	Amt. Date	0.90 5/1946	1.14 5/1946	1.36 5/1946	2.08 9/1949	3.74 9-10/1949	5.86 9-10/1946
Mar.	Amt. Date	0.41 8/1944	0.65 8/1944	0.78a 8/1944	1.61 21/1948	2.63 21/1948	3.06 20-21/1948
Apr.	Amt. Date	0.42 4/1945	0.50 30/1940	0.72 3/1940	1.29 30/1940	1.89 11-12/1950	2.16 11-12/1950
May	Amt. Date	0.30 5/1948	0.45 5/1948	0.65 5/1948	1.16 5/1948	1.63 5/1948	2.85 4-5/1948
Jun.	Amt. Date	0.39 9/1947	0.59 9/1947	0.70 14/1942	0.99 14/1942	1.27 24/1946	1.87 8-9/1947
Jul.	Amt. Date	0.42 8/1946	0.65 24/1947	0.80 21/1945	1.20 8/1946	1.58 8/1946	1.64 8/1946
Aug.	Amt. Date	0.51 26/1941	0.63b 26/1941	0.88 26-27/1941	1.33 26-27/1941	1.35 26-27/1941	2.46 26-27/1941
Sep.	Amt. Date	0.56 16/1944	0.90 22/1948	1.05 19-20/1945	1.35 3/1945	2.00 3-4/1945	2.54E 3-4/1945
Oct.	Amt. Date	0.88 4/1944	0.92 4/1944	1.02 31/1942	1.83 31/1942	2.20 31/1942	3.38 30-31/1942
Nov.	Amt. Date	0.70 18/1946	1.30 18/1946	1.85 18/1946	2.55 18/1946	4.16 17-18/1946	6.26 17-18/1946
Dec.	Amt. Date	0.60c 29/1942	0.80d 29/1942	1.15 2/1943	2.00 2/1943	2.94 2/1943	3.73 2-3/1943
Annual	Amt. Date	0.90 2/5/46	1.30 11/18/46	1.85 11/18/46	2.55 11/18/46	4.16 11/17-18/46	6.26 11/17-18/46

a Also 14/1946.

b Also 26-27/1943.

c Also 29/1949.

d Also 2/1943.

Station: NOTI, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 44° 03' N Long. 123° 26' W

Elev. (ft.) 450

Period of record: 1940-1950 (INCOMPLETE)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 26/1950	0.90 26/1950	1.35 26/1950	2.35 26/1950	3.04 26-27/1950	4.30 26-27/1950
Feb.	Amt. Date	0.35 7/1945	0.55 6/1946	0.70 10/1949	1.30 10/1949	1.92 17/1949	3.08 17-18/1949
Mar.	Amt. Date	0.54 30/1946	0.56 30/1946	0.71 17/1945	1.27 17/1945	2.18 17/1945	2.53 17/1945
Apr.	Amt. Date	0.39 19/1944	0.51 19/1944	0.60 19/1944	0.64 19/1944	1.14 30-1/1949	2.18 30-1/1949
May	Amt. Date	0.22 4/1941	0.40 3/1948	0.55 3/1948	1.02 3/1948	1.30 3/1948	2.23 1/1949
Jun.	Amt. Date	0.20 24/1942	0.35 24-25/1942	0.43 24-25/1942	0.70 24-25/1942	1.01 24-25/1942	1.07 24-25/1942
Jul.	Amt. Date	0.19 27/1947	0.36 27/1947	0.40 27/1947	0.43 27/1947	0.78 27/1947	1.11 27-28/1947
Aug.	Amt. Date	0.27 28/1943	0.43 28/1943	0.55 28-29/1943	0.59 28-29/1943	0.78 28-29/1943	0.85 28-29/1943
Sep.	Amt. Date	0.28 15/1946	0.50 15/1946	0.56 2/1941	1.03 15/1946	1.09 15/1946	1.80 1-2/1941
Oct.	Amt. Date	0.50 23/1940	0.72 23/1940	0.89 23/1940	1.30 15/1947	2.28 15/1947	3.70 15-16/1947
Nov.	Amt. Date	0.58 14/1942	0.93 14/1942	1.15 14/1942	1.75 15/1950	2.94 15/1950	4.75 15-16/1950
Dec.	Amt. Date	0.38 12/1948	0.65 27-28/1945	0.90 27-28/1945	1.65 27-28/1945	2.55 27-28/1945	4.13 27-28/1945
Annual	Amt. Date	0.58 11/14/42	0.93 11/14/42	1.35 1/26/50	2.35 1/26/50	3.04 1/26-27/50	4.75 11/15-16/50

Station: OAKRIDGE, RANGER STATION, OREGON

Drainage basin: WILLAMETTE

County: LANE

Lat. 43° 45' N Long. 122° 26' W

Elev.(ft.) 1310

Period of record: 1940-1949 (INCOMPLETE)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 30/1943	0.70 30/1943	0.70 30/1943	1.11 20/1943	2.09 20/1943	2.16 20/1943
Feb.	Amt. Date	0.34 20/1948	0.64 20/1948	0.84 20/1948	1.15 20-21/1948	1.41 20-21/1948	2.15 20-21/1948
Mar.	Amt. Date	0.27 1/1940	0.34 1/1940	0.50 28/1948	0.72 22/1947	1.12 22/1947	1.33 22-23/1947
Apr.	Amt. Date	0.16 1/1947	0.30 23/1945	0.40 23/1945	0.56 27/1943	0.95 23-24/1945	1.43 23-24/1945
May	Amt. Date	0.28 ^a 30/1940	0.34 30/1941	0.40 25/1942	0.65 30-31/1943	0.85 24-25/1942	1.45 24-25/1942
Jun.	Amt. Date	0.62 16/1950	0.77 16/1950	0.82 16/1950	0.90 11/1950	1.45 11/1950	1.71 11-12/1950
Jul.	Amt. Date	0.48 15/1941	0.52 ^b 20/1940	0.61 20/1940	0.69 20/1940	0.90 25-26/1947	1.23 27-28/1947
Aug.	Amt. Date	0.32 29/1943	0.44 29/1943	0.52 29/1943	0.82 29/1943	1.00 29/1943	1.20 29/1943
Sep.	Amt. Date	0.30 12/1940	0.53 12/1940	0.60 14/1940	0.87 26/1940	0.96 26/1940	1.25 26-27/1940
Oct.	Amt. Date	0.40 28/1950	0.70 28/1950	0.95 28/1950	1.60 28/1950	2.55 28/1950	4.60 28-29/1950
Nov.	Amt. Date	0.58 16/1950	1.04 16/1950	1.12 15-16/1950	1.39 18/1946	2.17 18/1946	3.10 14-15/1941
Dec.	Amt. Date	0.32 28/1945	0.54 28/1945	0.78 28/1945	1.30 30/1942	2.14 28/1945	3.60 27-28/1945
Annual	Amt. Date	0.62 6/16/50	1.04 11/16/50	1.12 11/15-16/50	1.60 10/28/50	2.55 10/28/50	4.60 10/28-29/50

a Also 27/1944. b Also 15/1941.

Station: OCHOCO DAM, OREGON

Drainage basin: DESCHUTES

County: CROOK

Lat. 44° 18' N Long. 120° 43' W

Elev.(ft.) 3060

Period of record: 1941-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.15 27/1942	0.24 27/1942	0.32 14/1945	0.49 27/1942	0.70 27/1942	0.92 26-27/1942
Feb.	Amt. Date	0.13 26/1948	0.23 26/1948	0.24 26/1948	0.35 16/1947	0.40 15-16/1947	0.40 15-16/1947
Mar.	Amt. Date	0.09 23/1947	0.15 8/1949	0.20 8/1949	0.25 22/1947	0.33 22/1947	0.36 22-23/1947
Apr.	Amt. Date	0.18 17/1947	0.32 17/1947	0.33 17/1947	0.34 17/1947	0.37 17/1947	0.42 1-2/1948
May	Amt. Date	0.40 22/1942	0.42 22/1942	0.45 22/1942	0.58 30/1948	0.61 22/1942	0.85 26-27/1945
Jun.	Amt. Date	0.39 17/1948	0.52 17/1948	0.56 17/1948	0.95 16/1944	1.36 16/1944	1.56 15-16/1944
Jul.	Amt. Date	0.40 5/1948	0.40 5/1948	0.45 5/1948	0.45 5/1948	0.49 5-6/1948	0.68 5-6/1948
Aug.	Amt. Date	0.34 28/1947	0.34 28/1947	0.35 22/1948	0.40 22/1948	0.45 22/1948	0.45 22/1948
Sep.	Amt. Date	0.19 21/1944	0.34 21/1944	0.36 21/1944	0.39 21/1944	0.45 21/1944	0.50 6-7/1947
Oct.	Amt. Date	0.14 30/1945	0.26 30/1945	0.29 23/1943	0.35 ^a 23/1943	0.46 20/1947	0.85 18-19/1941
Nov.	Amt. Date	0.20 29/1942	0.32 29/1942	0.42 29/1942	0.67 29/1942	0.85 28-29/1942	0.97 14-15/1941
Dec.	Amt. Date	0.25 11/1948	0.30 11/1948	0.40 10/1948	0.58 10/1948	0.75 10-11/1948	1.00 10-11/1948
Annual	Amt. Date	0.40 ^b 5/22/42	0.52 6/17/48	0.56 6/17/48	0.95 6/16/44	1.36 6/16/44	1.56 6/15-16/44

^a Also 30/1945 and 20/1947.

^b Also 7/5/1948.

Station: ONTARIO CAA APT, OREGON

Drainage basin: MALHEUR

County: MALHEUR

Lat. 44° 02' N Long. 117° 01' W

Elev.(ft.) 2194

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.15 21/1943	0.20 23/1950	0.25 23/1950	0.38 25-26/1950	0.52 19-20/1943	0.67 20-21/1943
Feb.	Amt. Date	0.13 12/1947	0.19 12/1947	0.30 12/1947	0.41 12/1947	0.50 6/1942	0.76 10-11/1941
Mar.	Amt. Date	0.18 26/1945	0.31 26/1945	0.40 26/1945	0.64 26/1945	0.75 26/1945	0.79 25-26/1945
Apr.	Amt. Date	0.21 8/1947	0.28 19/1944	0.35 19/1944	0.50 19-20/1944	0.52 19-20/1944	0.54 19-20/1944
May	Amt. Date	0.31 23/1945	0.32 23/1945	0.34 23/1945	0.34 23/1945	0.55 23/1945	0.59 23-24/1945
Jun.	Amt. Date	0.45 8/1947	0.50 8/1947	0.50 8/1947	0.64 8/1947	0.74 8/1947	0.93 7-8/1947
Jul.	Amt. Date	0.09 26/1950	0.09 ^a 14/1945	0.09 ^a 14/1945	0.09 ^a 14/1945	0.13 1/1948	0.20 30-1/1948
Aug.	Amt. Date	0.30 11/1941	0.59 11/1941	0.77 11/1941	0.88 11/1941	0.89 11/1941	0.89 11/1941
Sep.	Amt. Date	0.17 9/1949	0.23 9/1942	0.29 9/1942	0.33 9/1942	0.35 9/1942	0.35 9/1942
Oct.	Amt. Date	0.16 28/1943	0.31 28/1943	0.40 28/1943	0.67 28/1943	0.90 28/1943	1.02 28-29/1943
Nov.	Amt. Date	0.22 3/1944	0.30 3/1944	0.35 ^b 26/1942	0.60 3/1944	0.70 7-8/1942	1.21 ^E 3-4/1944
Dec.	Amt. Date	0.18 23/1942	0.35 23-24/1942	0.39 23-24/1942	0.55 23-24/1942	0.60 23-24/1942	0.68 23-24/1942
Annual	Amt. Date	0.45 6/8/47	0.59 8/11/41	0.77 8/11/41	0.88 8/11/41	0.90 10/28/43	1.21 ^E 11/3-4/44

^a Also 26/1950.

^b Also 3/1944.

Station: PENDLETON WB APT, OREGON

Drainage basin: COLUMBIA

County: UMATILLA

Lat. 45° 41' N Long. 118° 51' W

Elev.(ft) 1489

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.14 2/1946	0.23 6/1948	0.34E 6/1948	0.67 5-6/1948	0.72E 5-6/1948	0.84E 5-6/1948
Feb.	Amt. Date	0.14 5/1944	0.24 5/1944	0.31 5/1944	0.36a 21/1948	0.57 18-19/1949	0.92 18-19/1949
Mar.	Amt. Date	0.20 8/1949	0.27 8/1949	0.32 8/1949	0.40 8/1949	0.45 8/1949	0.50 8-9/1949
Apr.	Amt. Date	0.20b 11/1944	0.25 11/1944	0.30 27-28/1942	0.49 27-28/1942	0.69 27-28/1942	0.72 28/1943
May	Amt. Date	0.52c 22/1942	0.60 15/1949	0.61 15/1949	0.65 15/1949	0.87 7-8/1946	0.91 7-8/1946
Jun.	Amt. Date	0.75 1/1947	0.75 1/1947	0.75 1/1947	0.85 1/1947	0.94 1-2/1947	1.49 1-2/1947
Jul.	Amt. Date	0.50 5/1948	0.62 5/1948	0.72 5/1948	0.98 5/1948	1.07 5/1948	1.19 4-5/1948
Aug.	Amt. Date	0.16 26/1941	0.25 26/1941	0.33 26/1941	0.37 26/1941	0.51 26/1941	0.63 25-26/1941
Sep.	Amt. Date	0.50 21/1944	0.58 21/1944	0.60 21/1944	0.65 4-5/1945	0.70 4-5/1945	0.87 2/1941
Oct.	Amt. Date	0.17 4/1941	0.27 1/1942	0.37 1/1942	0.58 26/1942	0.70 31/1942	0.84 20/1947
Nov.	Amt. Date	0.27 8/1947	0.42 12/1945	0.46 12/1945	0.58 13/1947	0.70 31-1/1942	0.96 14/1941
Dec.	Amt. Date	0.11 31/1942	0.20 1/1947	0.25 31/1942	0.41 2-3/1947	0.65 2-3/1947	0.76 2-3/1947
Annual	Amt. Date	0.75 6/1/47	0.75 6/1/47	0.75 6/1/47	0.98 7/5/48	1.07 7/5/48	1.49 6/1-2/47

a Also 18/1949. b Also 22/1948. c Also 15/1949.

Station: PERSIST, OREGON

Drainage basin: ROGUE

County: JACKSON

Lat. 42° 48'N Long. 122° 38'W

Elev.(ft.) 1950

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 20/1943	0.60 20/1943	0.80 20/1943	1.40 20-21/1943	2.00 20/1943	3.58 20-21/1943
Feb.	Amt. Date	0.33 4/1945	0.62 4/1945	0.74 28/1940	1.00 4-5/1945	1.47 4-5/1945	1.97 3-4/1942
Mar.	Amt. Date	0.29 2/1947	0.46 8/1943	0.64 8/1943	1.00 9/1947	1.68 26/1940	2.17 25-26/1940
Apr.	Amt. Date	0.42 17/1941	0.42 ^a 17/1941	0.51 6/1948	0.66 6/1948	0.72 23/1944	0.99 5-6/1948
May	Amt. Date	0.83 27/1944	0.88 22/1945	1.00 22/1945	1.16 22/1945	1.33 22/1945	1.51 15-16/1945
Jun.	Amt. Date	0.73 9/1948	0.97 9/1948	1.02 9/1948	1.02 9/1948	1.07 9/1948	1.30 11-12/1950
Jul.	Amt. Date	0.78 28/1944	0.82 28/1944	0.86 28/1944	0.88 28/1944	1.11 27-28/1947	1.29 ^E 26/1947
Aug.	Amt. Date	0.20 29/1943	0.35 29/1943	0.45 29/1943	0.51 29/1943	0.60 29/1943	0.60 29/1943
Sep.	Amt. Date	0.61 17/1940	1.11 17/1940	1.12 17/1940	1.43 17/1940	1.83 17-18/1940	1.93 17-18/1940
Oct.	Amt. Date	0.32 29/1945	0.56 28/1950	0.76 28/1950	1.34 27/1950	2.42 27-28/1950	4.82 27-28/1950
Nov.	Amt. Date	0.50 18/1946	0.80 18/1946	1.10 18/1946	1.82 18/1946	3.02 18/1946	3.79 18/1946
Dec.	Amt. Date	0.34 2/1941	0.59 ^b 2/1941	0.90 2/1941	1.62 2/1941	2.73 2/1941	3.97 1-2/1941
Annual	Amt. Date	0.83 5/27/44	1.11 9/17/40	1.12 9/17/40	1.82 11/18/46	3.02 11/18/46	4.82 10/27-28/50

a Also 6/1948. b Also 28/1945.

Station: PORTLAND WB CITY, OREGON*

Drainage basin: WILLAMETTE

County: MULTNOMAH

Lat. 45° 32'N Long. 122° 40'W

Elev.(ft.) 30

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.41 15/1950	0.67 15/1950	0.85 15/1950	1.32 6/1948	1.67 14-15/1950	2.95 15/1950
Feb.	Amt. Date	0.38 8/1950	0.53 8/1950	0.66 17/1949	1.13 5/1940	2.09 17/1949	2.67 9-10/1949
Mar.	Amt. Date	0.32 28/1943	0.56 21/1948	0.74 21/1948	1.10 21/1948	1.56 21-22/1948	2.44 30/1943
Apr.	Amt. Date	0.32 17/1948	0.37 17/1948	0.47 30/1940	0.81 30/1940	1.07 30/1940	1.22 7/1945
May	Amt. Date	0.47 23/1945	0.50 23/1945	0.54 1-2/1949	0.64 1-2/1949	0.92 4/1948	1.46 1/1949
Jun.	Amt. Date	0.28 5/1942	0.42 5/1942	0.54 9/1950	0.64 17/1943	0.64 17/1943	0.67 24-25/1942
Jul.	Amt. Date	0.21 8/1946	0.41 8/1946	0.60 8/1946	0.90 8/1946	0.93 8/1946	0.93 8/1946
Aug.	Amt. Date	0.19 5/1943	0.33 28-29/1943	0.45 28-29/1943	0.49 28-29/1943	0.72 28-29/1943	0.73 28-29/1943
Sep.	Amt. Date	0.48 26/1940	0.60 26/1940	0.83 26/1940	1.07 26/1940	1.37 3-4/1945	2.03 3-4/1945
Oct.	Amt. Date	0.51 17/1947	0.64 31/1942	0.86 31/1942	1.20 31/1942	1.55 31-1/1942	2.03 23-24/1943
Nov.	Amt. Date	0.41 15/1950	0.67 15/1950	0.85 15/1950	1.20 2-3/1944	1.89 22-23/1942	2.95 15/1950
Dec.	Amt. Date	0.47 27/1942	0.82 27/1942	1.08 27/1942	1.59 27/1942	2.22 26-27/1942	2.78 26-27/1942
Annual	Amt. Date	0.51 10/17/47	0.82 12/27/42	1.08 12/27/42	1.59 12/27/42	2.22 12/26-27/42	2.95 ^a 1/15/50

^a Also 11/15/1950.

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

Station: PORTLAND WB CITY, OREGON

Drainage basin: WILLAMETTE

County: MULTNOMAH

Lat. 45° 32'N Long. 122° 40'W

Elev.(ft.) 30

Period of record: 1890-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.50 12/1901	0.92 12/1901	1.16 12/1901	1.49 12/1901	2.64 18/1911	4.61 17-18/1911
Feb.	Amt. Date	0.41 5/1938	0.76 5/1938	0.99 5/1938	1.52 5/1938	2.09 17/1949	2.67 9-10/1949
Mar.	Amt. Date	0.56 28/1934	0.64 3/1922	0.74 21/1948	1.10 21/1948	1.63 25/1916	2.50 30-31/1931
Apr.	Amt. Date	0.43 27/1930	0.55 27/1930	0.67 28/1929	0.98 12-13/1937	1.54 12-13/1937	1.96 12-13/1937
May	Amt. Date	0.59 4/1900	0.59 4/1900	0.59 4/1900	0.91 15/1908	1.34 15/1908	1.83 14-15/1908
Jun.	Amt. Date	1.31 7/1927	1.74 7/1927	2.00 7/1927	2.03 7/1927	2.07 7-8/1927	2.16 8-9/1933
Jul.	Amt. Date	0.82 2/1907	0.93 2/1907	0.96 2/1907	1.00 2/1907	1.00 2/1907	1.35 1-2/1902
Aug.	Amt. Date	1.25 8/1900	1.25 8/1900	1.25 8/1900	1.43 8/1900	1.75 8-9/1900	1.75 8-9/1900
Sep.	Amt. Date	0.87 6/1927	1.09 28/1927	1.22 28/1927	1.58 28/1927	2.14 4-5/1911	2.88 4-5/1911
Oct.	Amt. Date	0.53 28/1933	0.67 28/1933	0.86 31/1942	1.41 13-14/1908	2.33 13-14/1908	2.43 13-14/1908
Nov.	Amt. Date	0.49 14/1896	0.84 20/1921	1.13 20/1921	1.66 20/1921	2.41 20/1921	4.43 19-20/1921
Dec.	Amt. Date	0.60 6/1933	0.96 6/1933	1.24 5-6/1933	1.99 5-6/1933	3.11 26-27/1937	5.01 26-27/1937
Annual	Amt. Date	1.31 6/7/27	1.74 6/7/27	2.00 6/7/27	2.03 6/7/27	3.11 12/26-27/37	5.01 12/26-27/37

All 1-2 and 24 except October 24-hr are true Maxima.

Station: PORTLAND WB APT, OREGON

Drainage basin: COLUMBIA

County: MULTNOMAH

Lat. 45° 36' N Long. 122° 36' W

Elev. (ft.) 24

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.30 14/1945	0.44 ^a 6/1948	0.64 6/1948	1.19 6/1948	1.62 6-7/1948	2.48 6/1948	
Feb.	0.32 14/1948	0.44 14/1948	0.55 9/1949	0.95 9/1949	1.70 9-10/1949	2.44 9-10/1949	
Mar.	0.20 ^b 28/1943	0.36 21/1948	0.53 21/1948	0.89 21/1948	1.30 21/1948	1.83 30-31/1943	
Apr.	0.20 29/1945	0.31 11/1944	0.42 7/1945	0.55 ^c 7/1945	0.76 7/1945	1.06 7-8/1945	
May	0.32 16/1945	0.41 15/1945	0.54 15/1945	0.64 15-16/1945	0.79 15-16/1945	1.47 15-16/1945	
Jun.	0.29 15/1942	0.46 9/1950	0.62 9/1950	0.72 9/1950	0.75 9-10/1950	0.78 9-10/1950	
Jul.	0.29 14/1942	0.42 8/1946	0.57 8/1946	0.87 8/1946	0.89 8/1946	0.89 8/1946	
Aug.	0.35 22/1950	0.38 22/1950	0.38 22/1950	0.56 22/1950	0.82 28-29/1943	0.89 28-29/1943	
Sep.	1.16 26/1940	1.16 26/1940	1.16 26/1940	1.16 26/1940	1.40 3-4/1945	1.87 3-4/1945	
Oct.	0.34 11/1942	0.48 31/1942	0.68 31/1942	0.99 31/1942	1.35 31/1942	1.80 31-1/1942	
Nov.	0.28 ^d 3/1941	0.45 ^e 18/1945	0.65 18/1946	1.25 17-18/1946	1.76 17-18/1946	2.55 17-18/1946	
Dec.	0.45 27/1942	0.73 27/1942	0.98 27/1942	1.50 26-27/1942	2.12 26-27/1942	2.52 26-27/1942	
Annual	1.16 9/26/40	1.16 9/26/40	1.16 9/26/40	1.50 12/26-27/42	2.12 12/26-27/42	2.55 11/17-18/46	

a Also 15/1950.
d Also 14/1948.

b Also 21/1948.
e Also 18/1946.

c Also 7-8/1950.

Station: PRAIRIE CITY RANGER STATION, OREGON

Drainage basin: JOHN DAY

County: GRANT

Lat. 44° 28' N Long. 118° 43' W

Elev. (ft.) 3536

Period of record: 1941-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.10 21/1943	0.17 ^a 21/1943	0.23 6/1945	0.37 6/1945	0.43 6/1945	0.48 21-22/1946
Feb.	Amt. Date	0.19 8/1945	0.31 8/1945	0.41 8/1945	0.44 8/1945	0.74 8/1942	1.03 8-9/1942
Mar.	Amt. Date	0.12 12/1943	0.20 12/1943	0.27 12/1943	0.40 12/1943	0.45 12-13/1943	0.62 12-13/1943
Apr.	Amt. Date	0.25 17/1947	0.35 17/1947	0.40 17/1947	0.44 17/1947	0.50 17/1947	0.60 17/1947
May	Amt. Date	0.20 1/1949	0.35 21/1948	0.47 21/1948	0.54 21/1948	0.66 21/1948	0.69 21-22/1948
Jun.	Amt. Date	0.58 21/1946	0.65 15/1944	0.86 15/1944	0.96 15/1944	0.96 15/1944	1.35 15-16/1944
Jul.	Amt. Date	0.25 3/1948	0.25 3/1948	0.30 8/1946	0.32 8/1946	0.39 8/1946	0.44 8-9/1946
Aug.	Amt. Date	0.60 10/1945	0.63 10/1945	0.63 10/1945	0.78 24/1946	0.78 24/1946	0.78 24/1946
Sep.	Amt. Date	0.20 29/1949	0.35 29/1949	0.48 29/1949	0.70 28-29/1949	1.28 28-29/1949	1.33 28-29/1949
Oct.	Amt. Date	0.30 5/1950	0.43 5/1950	0.49 5/1950	0.55 5/1950	0.58 5/1950	0.58 5/1950
Nov.	Amt. Date	0.17 3/1941	0.30 13/1947	0.39 13/1947	0.56 13/1947	0.68 3/1941	0.70 ^b 28/1942
Dec.	Amt. Date	0.19 11/1948	0.20 28/1945	0.30 28/1945	0.40 ^c 9/1942	0.62 9/1942	0.85 11-12/1948
Annual	Amt. Date	0.60 8/10/45	0.65 6/15/44	0.86 6/15/44	0.96 6/15/44	1.28 9/28-29/49	1.35 6/15-16/44

a Also 6/1945.

b Also 13/1947.

c Also 28/1945.

Station: REDMOND, OREGON

Drainage basin: DESCHUTES

County: DESCHUTES

Lat. 44° 17'N Long. 121° 10'W

Elev.(ft.) 2994

Period of record: 1942-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.11 30/1945	0.19 30/1945	0.25 ^a 21/1943	0.43 20-21/1943	0.70 20-21/1943	0.77 20-21/1943
Feb.	Amt. Date	0.13 8/1944	0.23 8/1944	0.30 8/1944	0.47 8/1944	0.61 8/1944	0.67 8/1944
Mar.	Amt. Date	0.10 ^b 10/1946	0.16 29/1943	0.20 29/1943	0.25 29/1943	0.28 29/1943	0.28 29/1943
Apr.	Amt. Date	0.15 17/1944	0.25 17/1947	0.26 17/1947	0.27 11/1944	0.35 27-28/1943	0.39 27-28/1943
May	Amt. Date	0.15 18/1945	0.22 29/1947	0.25 13/1949	0.43 26-27/1945	0.75 26-27/1945	0.89 26-27/1945
Jun.	Amt. Date	0.28 10/1950	0.36 14/1944	0.41 11/1950	0.72 11/1950	1.05 11/1950	1.58 11-12/1950
Jul.	Amt. Date	0.34 5/1948	0.35 5/1948	0.37 5/1948	0.41 5/1948	0.58 27-28/1947	0.58 27-28/1947
Aug.	Amt. Date	0.46 1/1944	0.52 1/1944	0.55 1/1944	0.55 1/1944	0.55 1/1944	0.55 1/1944
Sep.	Amt. Date	0.24 8/1942	0.40 8/1942	0.46 8/1942	0.60 8/1942	0.71 25-26/1948	0.80 25-26/1948
Oct.	Amt. Date	0.55 12/1944	0.94 12/1944	0.94 12/1944	0.94 12/1944	0.94 12/1944	1.10 12-13/1944
Nov.	Amt. Date	0.18 ^c 29/1942	0.35 29/1942	0.45 29/1942	0.63 29/1942	0.77 18/1945	0.84 18-19/1945
Dec.	Amt. Date	0.15 11/1948	0.25 11/1948	0.35 11/1948	0.56 28/1945	0.97 28/1945	1.30 10-11/1948
Annual	Amt. Date	0.55 10/12/44	0.94 10/12/44	0.94 10/12/44	0.94 10/12/44	1.05 6/11/50	1.58 6/11-12/50

a Also 30-31/1945. b Also 22/1947 and 2/1949. c Also 18/1945.

Station: REX, OREGON

Drainage basin: WILLAMETTE

County: YAMHILL

Lat. 45° 18'N Long. 122° 55'W

Elev.(ft.) 75

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.32 6/1948	0.61 6/1948	0.83 6/1948	1.26 6/1948	1.74 6-7/1948	2.84 6-7/1948
Feb.	Amt. Date	0.28 14/1948	0.49 10/1949	0.70 10/1949	1.17 10/1949	2.10 9-10/1949	3.34 9-10/1949
Mar.	Amt. Date	0.35 10/1947	0.46 ^a 28/1943	0.61 15/1946	0.91 14-15/1946	1.45 21/1948	2.52 ^E 30-31/1943
Apr.	Amt. Date	0.29 17/1948	0.36 17/1948	0.40 17/1948	0.49 7/1945	0.69 7/1945	1.10 30-1/1949
May	Amt. Date	0.55 22/1945	0.76 22/1945	0.85 22/1945	0.92 22/1945	1.11 3/1948	1.21 1/1949
Jun.	Amt. Date	0.29 9/1950	0.40 9/1950	0.51 9/1950	0.56 17/1943	0.72 24-25/1942	0.88 24-25/1942
Jul.	Amt. Date	0.25 8/1943	0.44 8/1946	0.54 8/1946	0.74 8/1946	0.79 8/1946	0.79 8/1946
Aug.	Amt. Date	0.25 28/1943	0.45 28/1943	0.60 28-29/1943	0.65 28-29/1943	1.05 28-29/1943	1.05 28-29/1943
Sep.	Amt. Date	0.35 4/1945	0.58 21/1944	0.75 21/1944	0.99 21/1944	1.35 3-4/1945	1.95 3-4/1945
Oct.	Amt. Date	0.46 10/1947	0.54 10/1947	0.61 4/1949	0.95 17/1947	1.40 23-24/1943	2.19 23-24/1943
Nov.	Amt. Date	0.34 18/1945	0.55 18/1945	0.77 22-23/1942	1.33 22-23/1942	2.35 22-23/1942	3.11 26-27/1945
Dec.	Amt. Date	0.38 24/1943	0.64 27/1942	0.89 27/1942	1.28 27/1942	2.04 26-27/1942	2.83 26-27/1942
Annual	Amt. Date	0.55 5/22/45	0.76 5/22/45	0.89 12/27/42	1.33 11/22-23/42	2.35 11/22-23/42	3.34 22/9-10/49

^a Also 10/1947.

Station: RICHLAND, OREGON

Drainage basin: SNAKE

County: BAKER

Lat. 44° 46' N Long. 117° 10' W

Elev.(ft.) 2215

Period of record: 1944-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.11 10/1947	0.15 13/1945	0.17 17/1945	0.28 17/1945	0.36 17/1945	0.40 6-7/1945
Feb.	Amt. Date	0.14 27/1946	0.20 ^a 8/1945	0.30 27/1946	0.36 27/1946	0.40 27/1946	0.51 14-15/1949
Mar.	Amt. Date	0.15 2/1947	0.20 1/1947	0.20 ^b 26/1945	0.23 ^c 26/1945	0.35 26/1945	0.38 23-24/1948
Apr.	Amt. Date	0.13 ^d 8/1947	0.20 27/1950	0.27 27/1950	0.35 27/1950	0.38 29/1948	0.43 27/1950
May	Amt. Date	0.30 18/1948	0.35 18/1948	0.43 24/1945	0.70 18/1948	0.90 24/1945	0.90 24/1945
Jun.	Amt. Date	0.31 26/1947	0.35 20/1950	0.40 20/1950	0.43 24/1950	0.50 24/1950	0.50 24/1950
Jul.	Amt. Date	0.25 11/1945	0.32 8/1946	0.33 8/1946	0.37 8/1946	0.43 8/1946	0.43 8/1946
Aug.	Amt. Date	0.15 13/1945	0.15 13/1945	0.15 13/1945	0.15 13/1945	0.15 13/1945	0.15 13/1945
Sep.	Amt. Date	0.63 3/1946	0.82 3/1946	0.95 3-4/1946	0.97 3-4/1946	1.01 3-4/1946	1.02 3-4/1946
Oct.	Amt. Date	0.22 10/1947	0.28 7/1947	0.35 7/1947	0.42 7-8/1947	0.59 7-8/1947	0.77 7-8/1947
Nov.	Amt. Date	0.14 9/1944	0.21 9/1944	0.26 9/1944	0.38 9/1944	0.49 9/1944	0.55 3/1944
Dec.	Amt. Date	0.12 12/1948	0.19 23/1945	0.25 21/1947	0.31 21/1947	0.36 27-28/1945	0.54 ^E 20-21/1945
Annual	Amt. Date	0.63 9/3/46	0.82 9/3/46	0.95 9/3-4/46	0.97 9/3-4/46	1.01 9/3-4/46	1.02 9/3-4/46

^a Also 27/1946.

^b Also 1/1947.

^c Also 23/1948.

^d Also 27/1950.

Station: ROSEBURG WB CITY, OREGON*

Drainage basin: UMPQUA

County: DOUGLAS

Lat. 43° 13' N Long. 123° 20' W

Elev.(ft.) 479

Period of record: 1940-1950 ONLY

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.38 7/1950	0.52 20/1943	0.73 20/1943	1.20 20/1943	1.90 20/1943	2.86 20-21/1943
Feb.	Amt. Date	0.48 28/1940	0.75 28/1940	0.87 28/1940	1.26 28/1940	1.77 27-28/1940	1.98 27-28/1940
Mar.	Amt. Date	0.31 26/1943	0.38 17/1950	0.47 25/1943	0.77 12/1946	1.16 12/1946	1.67 11-12/1946
Apr.	Amt. Date	0.38 27/1943	0.44 11/1944	0.59 27/1943	0.99 27/1943	1.05 27-28/1943	1.27 27-28/1943
May	Amt. Date	0.43 25/1946	0.58 25/1946	0.74 25/1946	0.86 25/1946	1.06 25-26/1946	1.18 25-26/1946
Jun.	Amt. Date	0.35 23/1941	0.60 23/1941	0.62 23/1941	1.05 23-24/1941	1.13 23-24/1941	1.20 23-24/1941
Jul.	Amt. Date	0.24 27/1947	0.44 27/1947	0.49 27/1947	0.66 27/1947	0.85 26/1947	1.45 25-26/1947
Aug.	Amt. Date	0.67 29/1947	0.74 29/1947	0.75 28-29/1943	0.75 28-29/1943	0.98 28-29/1943	1.02 28-29/1943
Sep.	Amt. Date	0.41 8/1949	0.41 8/1949	0.56 1/1941	0.77 1/1941	1.10 1/1941	1.70 1-2/1941
Oct.	Amt. Date	0.32 24/1940	0.60 24/1940	0.77 28/1950	1.27 28/1950	2.29 29/1950	3.94 28-29/1950
Nov.	Amt. Date	0.53 25/1945	0.78 25/1945	1.00 15-16/1950	1.65 15-16/1950	2.14 15-16/1950	2.75 14-15/1941
Dec.	Amt. Date	0.35 2/1941	0.66 8/1942	0.84 8/1942	1.11 27/1945	1.59 27/1945	2.96 27-28/1945
Annual	Amt. Date	0.67 8/29/47	0.78 11/25/45	1.00 11/15-16/50	1.65 11/15-16/50	2.29 10/29/50	3.94 28-29/50

*Given for comparative purposes. See next page for complete record.
 February 1-, 2-hr, April 1-, hr, August 1-, 2-hr, September 24-hr
 and November 1-, 2-hr are true maxima.

Station: ROSEBURG WB APT, OREGON

Drainage basin: UMPQUA

County: DOUGLAS

Lat. 43° 13' N Long. 123° 20' W

Elev.(ft.) 479

Period of record: 1900-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.45 19/1934	0.59 12/1936	0.77 12/1936	1.22 3/1907	1.91 3-4/1907	2.96 1-2/1933
Feb.	Amt. Date	0.48 28/1940	0.75 28/1940	0.87 28/1940	1.33 3-4/1926	2.14 3-4/1926	2.88 19-20/1927
Mar.	Amt. Date	0.39 4/1928	0.47 4/1928	0.55 17/1907	0.92 17/1907	1.33 17/1907	1.71 3-4/1916
Apr.	Amt. Date	0.30 27/1943	0.55 27/1936	0.59 27/1943	0.99 27/1943	1.51 6/1907	2.27 5-6/1907
May	Amt. Date	1.16 9/1910	1.17 9/1910	1.20 9/1910	1.22 9/1910	1.46 9-10/1910	1.50a 27-28/1906
Jun.	Amt. Date	0.85 17/1931	0.86 17/1931	0.87 17/1931	1.13 17/1931	1.21 17/1931	1.68 8-9/1937
Jul.	Amt. Date	0.24 27/1947	0.44 27/1947	0.49 27/1947	0.68 16/1916	1.06 15-16/1916	1.52 15-16/1916
Aug.	Amt. Date	0.67 29/1947	0.74 29/1947	0.75 28-29/1943	0.75 28-29/1943	0.98 28-29/1943	1.02 28-29/1943
Sep.	Amt. Date	0.88 7/1925	0.91 7/1925	0.93 7/1925	1.12 7/1925	1.12 7/1925	1.70 1-2/1941
Oct.	Amt. Date	0.73 10/1904	1.14 10/1904	1.26 10/1904	1.50 10/1904	2.33 30-31/1924	3.94 28-29/1950
Nov.	Amt. Date	0.53 25/1945	0.78 25/1945	1.00 15-16/1950	1.65 15-16/1950	2.22 29-30/1917	3.26 31-1/1924
Dec.	Amt. Date	0.47 11/1935	0.66 8/1942	0.85 10/1939	1.53 29/1904	2.23 10/1939	3.89 29-30/1904
Annual	Amt. Date	1.16 5/9/10	1.17 5/9/10	1.26 10/10/04	1.65 11/15-16/50	2.33 10/30-31/24	3.94 10/28-29/50

a Also 9-10/1910.

All 1-, hr except July, All 2-hr except July and September, and April, May, June, July, September and December 24-hr are true Maxima.

Station: SALEM WB APT, OREGON

Drainage basin: WILLAMETTE

County: MARION

Lat. 44° 55'N Long. 123° 00'

Elev.(ft.) 195

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.40 14/1945	0.65 6/1950	0.90 6/1950	1.40 9-10/1950	1.74 6/1950	2.42 6/1948
Feb.	Amt. Date	0.44 5/1945	0.60 ^a 6/1943	0.89 17/1949	1.68 17/1949	2.46 17/1949	3.21 16-17/1949
Mar.	Amt. Date	0.36 21/1948	0.57 21/1948	0.72 21/1948	1.05 31/1943	1.88 26/1940	3.03 30-31/1943
Apr.	Amt. Date	0.32 1/1947	0.37 27/1943	0.38 27/1943	0.60 7/1945	0.88 7/1945	1.23 30-1/1949
May	Amt. Date	0.78 3/1942	1.08 3/1942	1.20 3/1942	1.22 3/1942	1.29 3/1942	1.37 2-3/1948
Jun.	Amt. Date	1.24 10/1950	1.52 10/1950	1.54 10/1950	1.56 10/1950	1.56 10/1950	1.60 10/1950
Jul.	Amt. Date	0.37 20/1940	0.58 20/1940	0.58 20/1940	0.59 8/1946	0.69 8/1946	0.69 8/1946
Aug.	Amt. Date	0.33 28/1943	0.60 28/1943	0.80 28/1943	0.83 28-29/1943	1.25 28-29/1943	1.25 28-29/1943
Sep.	Amt. Date	0.33 26/1940	0.63 26/1940	0.83 26/1940	0.97 21/1944	1.04 1/1941	1.29 26/1940
Oct.	Amt. Date	0.33 17/1947	0.53 17/1947	0.63 17/1947	1.09 10/1948	1.33 15-16/1947	2.36 15-16/1947
Nov.	Amt. Date	0.35 25/1945	0.55 26/1942	0.76 15/1950	1.40 23/1942	2.30 22-23/1942	2.85 22/1942
Dec.	Amt. Date	0.35 29/1942	0.57 29/1942	0.79 29/1942	1.15 29/1942	1.55 14/1946	2.48 26-27/1942
Annual	Amt. Date	1.24 6/10/50	1.52 6/10/50	1.54 6/10/50	1.68 2/17/49	2.46 2/17/49	3.21 2/16-17/49

^a Also 17/1949.

Station: SANTIAM JUNCTION, OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 28'N Long. 121° 59'W

Elev.(ft.) 3750

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.42 6/1948	0.61 6/1948	0.77 6/1948	1.34 6/1948	2.23 6/1948	3.86 5-6/1948
Feb.	Amt. Date	0.24E 1/1947	0.48E 1/1947	0.67E 1/1947	1.13E 1/1947	1.43E 1-2/1947	2.03 7-8/1948
Mar.	Amt. Date	0.20a 19/1944	0.37 13/1945	0.45 13/1945	0.67 13/1945	1.06 31/1943	1.76 30-31/1943
Apr.	Amt. Date	0.19 1/1941	0.29 10/1946	0.36 23/1944	0.56 23/1944	0.91 20/1943	1.35 20/1943
May	Amt. Date	0.32 26/1941	0.41 24/1942	0.48 24/1942	0.82 3/1948	1.27 3/1948	1.78 3-4/1941
Jun.	Amt. Date	0.51 5/1942	0.56 5/1942	0.71 25/1943	0.96 25/1943	1.27 24-25/1943	1.60 24-25/1943
Jul.	Amt. Date	0.96 25/1941	0.96 25/1941	0.96 25/1941	0.98 25/1941	0.98 25/1941	0.98 25/1941
Aug.	Amt. Date	0.77 3/1947	0.80 3/1947	0.80 3/1947	0.83 3/1947	1.00 3/1947	1.05 3/1947
Sep.	Amt. Date	0.76 8/1942	0.77 8/1942	0.77 8/1942	0.82 1/1941	1.29 1/1941	1.46 1/1941
Oct.	Amt. Date	0.31 11/1947	0.42 10-11/1947	0.63 15-16/1947	1.15 15-16/1947	2.13 15-16/1947	3.65 15-16/1947
Nov.	Amt. Date	0.36 28/1948	0.65 4/1943	0.95 4/1943	1.56 3-4/1943	2.22 3-4/1943	3.28 26/1942
Dec.	Amt. Date	0.73 30/1942	1.16 30/1942	1.40 30/1942	1.88 30/1942	2.65 1-2/1941	4.21 1-2/1941
Annual	Amt. Date	0.96 7/25/41	1.16 12/30/42	1.40 12/30/42	1.88 12/30/42	2.65 12/1-2/41	4.21 12/1-2/41

a Also 13/1945.

Station: SANTIAM PASS, OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 26' N Long. 121° 51' W

Elev.(ft.) 4800

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.47 17/1941	0.69E 5/1948	0.97 26/1944	1.50E 5/1948	2.05E 5/1948	2.67 20-21/1950
Feb.	Amt. Date	0.27 11/1947	0.43 21/1948	0.65 21/1948	1.18 21/1948	1.96 21-22/1948	3.10 20-21/1948
Mar.	Amt. Date	0.22 17/1950	0.41 17/1950	0.59 17/1950	1.13 16-17/1950	1.74 16-17/1950	3.20 16-17/1950
Apr.	Amt. Date	0.21 8/1941	0.34 17/1947	0.46 30-1/1949	0.96 30-1/1949	1.88E 30-1/1949	3.75 30-1/1949
May	Amt. Date	1.05 29/1947	1.15 29/1947	1.20 29/1947	1.24 29/1947	2.25 1/1949	3.75 30-1/1949
Jun.	Amt. Date	0.76 10/1948	1.07 10/1948	1.07 10/1948	1.22 10/1948	1.46 10-11/1948	1.77 11-12/1950
Jul.	Amt. Date	0.25a 31/1947	0.40 31/1947	0.57E 25/1941	0.77E 25/1941	0.90 27-28/1947	1.10 27-28/1947
Aug.	Amt. Date	0.14b 9/1947	0.20 29/1947	0.23E 29/1943	0.36E 29/1943	0.55 28-29/1943	0.70 28-29/1943
Sep.	Amt. Date	0.35 27/1947	0.38 27/1947	0.39c 27/1947	0.74 15/1949	1.11d 1/1941	1.65 22-23/1948
Oct.	Amt. Date	0.30e 15/1947	0.55f 15/1947	0.75 15/1947	1.40 15/1947	2.53 15-16/1947	4.25 15-16/1947
Nov.	Amt. Date	0.35 27/1949	0.60 27/1949	0.80 27/1949	1.46E 14/1942	2.20 14/1942	3.18f 13-14/1941
Dec.	Amt. Date	0.23 6/1950	0.43 6/1950	0.68E 2/1941	1.24E 2/1941	1.96 13/1946	3.32 13-14/1946
Annual	Amt. Date	1.05 5/29/47	1.15 5/29/47	1.20 5/29/47	1.50E 1/5/48	2.53 10/15-16/47	4.25 10/15-16/47

a. Also 5/1948.

b Also 22/1948.

c Also 15/1949.

d. Also 22/1948.

e Also 5/1949.

f Also 13/1942.

Station: SAUVIES ISLAND, OREGON

Drainage basin: COLUMBIA

County: MULTNOMAH

Lat. 45° 40' N Long. 122° 51' W

Elev.(ft.) 40

Period of record: 1940-1949

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 6/1950	0.54 6/1948	0.70 6/1950	1.15 6/1948	1.49 5-6/1950	2.13 5-6/1948
Feb.	Amt. Date	0.35 6/1946	0.51 6/1946	0.74 5-6/1946	1.30 5-6/1946	2.39 5-6/1946	3.32 9-10/1949
Mar.	Amt. Date	0.34 28/1943	0.47 8/1950	0.61 8/1950	1.00 30/1943	1.40 21/1948	2.22 30-31/1943
Apr.	Amt. Date	0.26 24/1944	0.31 ^a 30/1940	0.45 30/1940	0.74 30/1940	1.03 30/1940	1.13 7-8/1950
May	Amt. Date	0.30 4/1941	0.35 4/1941	0.40 4/1941	0.70 5/1948	0.93 5-6/1948	1.62 4-5/1948
Jun.	Amt. Date	0.55 7/1947	0.69 23/1950	0.70 23/1950	0.70 23/1950	0.82 23/1950	0.96 15-16/1947
Jul.	Amt. Date	0.33 27/1947	0.39 27/1947	0.46 8/1946	0.68 8/1946	0.72 8/1946	0.73 8/1946
Aug.	Amt. Date	0.32 9/1947	0.32 9/1947	0.37 9/1947	0.43 9/1947	0.62 24-25/1941	0.85 24-25/1941
Sep.	Amt. Date	0.80 21/1944	1.18 21/1944	1.38 21/1944	1.52 21/1944	1.57 3-4/1945	2.27 3-4/1945
Oct.	Amt. Date	0.35 5/1950	0.58 23/1943	0.78 23/1943	1.20 23-24/1943	2.03 23-24/1943	2.52 23-24/1943
Nov.	Amt. Date	0.45 18/1945	0.68 18/1945	0.82 26/1945	1.32 26/1945	2.17 26/1945	3.40 26-27/1945
Dec.	Amt. Date	0.40 27/1942	0.70 27/1942	0.90 27/1942	1.40 27/1942	2.12 26-27/1942	2.54 26-27/1942
Annual	Amt. Date	0.80 9/21/44	1.18 9/21/44	1.38 9/21/44	1.52 9/21/44	2.39 2/5-6/46	3.40 11/26-27/45

^a Also 24/1944.

Station: SEXTON SUMMIT, OREGON

Drainage basin: ROGUE

County: JOSEPHINE

Lat. 42° 37'N Long. 123° 22'W

Elev.(ft.) 3836

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.25 6/1948	0.48 6/1948	0.70 5-6/1948	1.35 5-6/1948	2.10 5-6/1948	3.49 5-6/1948
Feb.	Amt. Date	0.37 4/1945	0.55 ^a 4/1945	0.75 22/1949	1.05 22/1949	1.50 22/1949	1.82 21-22/1949
Mar.	Amt. Date	0.25 9/1947	0.45 9/1947	0.60 9/1947	1.00 9/1947	1.50 9/1947	1.90 9-10/1947
Apr.	Amt. Date	0.20 27/1943	0.37 27/1943	0.51 27/1943	0.70 27/1943	0.71 27-28/1943	1.36 30-1/1949
May	Amt. Date	0.31 7/1947	0.50 29/1942	0.56 25/1942	0.85 24-25/1942	1.46 24-25/1942	1.92 24-25/1942
Jun.	Amt. Date	1.45 9/1948	1.48 9/1948	1.48 9/1948	1.48 9/1948	1.50 9/1948	1.79 11-12/1950
Jul.	Amt. Date	0.45 4/1948	0.46 4/1948	0.55 4/1948	0.82 26/1947	1.38 26/1947	2.28 26-27/1947
Aug.	Amt. Date	0.20 22/1948	0.23 4/1943	0.25 ^b 29/1943	0.32 22/1948	0.60 22/1948	0.77 22-23/1948
Sep.	Amt. Date	0.42 3/1946	0.58 3/1946	0.59 3/1946	0.77 1/1941	0.83 1/1941	1.04 1-2/1941
Oct.	Amt. Date	0.37 28/1950	0.69 28/1950	1.01 28-29/1950	2.00 28-29/1950	3.28 28-29/1950	5.05 28-29/1950
Nov.	Amt. Date	0.38 ^c 14/1942	0.68 18/1946	0.97 18/1946	1.65 18/1946	2.14 18/1946	2.65 18/1946
Dec.	Amt. Date	0.38 2/1941	0.58 20/1940	0.80 2/1941	1.43 2/1941	2.24 1-2/1941	3.21 1-2/1941
Annual	Amt. Date	1.45 6/9/48	1.48 6/9/48	1.48 6/9/48	2.00 10/28-29/50	3.28 10/28-29/50	5.05 10/28-29/50

a Also 22/1949. b Also 22/1948. c Also 18/1946.

Station: SILVERTON, OREGON

Drainage basin: WILLAMETTE

County: MARION

Lat. 44° 58'N Long. 122° 46'W

Elev.(ft.) 870

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 10/1950	0.60 10/1950	0.80 10/1950	1.29 9-10/1950	1.79 6-7/1948	2.76 6-7/1948
Feb.	Amt. Date	0.32 24/1950	0.50 24/1950	0.60 ^a 17/1949	1.13 16-17/1949	1.85 17/1949	2.84 16-17/1949
Mar.	Amt. Date	0.35 10/1947	0.52 29/1947	0.75 28/1943	1.00 28/1943	1.46 28/1943	2.34 30-31/1943
Apr.	Amt. Date	0.30 24/1944	0.41 24/1944	0.52 24/1944	0.65 7/1945	0.94 7/1945	1.39 30-1/1949
May	Amt. Date	0.60 25/1942	0.70 25/1942	0.98 25/1942	1.16 25/1942	1.31 25/1942	1.66 24-25/1942
Jun.	Amt. Date	0.48 19/1944	0.61 19/1944	0.70 19/1944	0.80 24/1942	1.04 24-25/1942	1.15 24-25/1942
Jul.	Amt. Date	0.26 21/1945	0.40 8/1946	0.49 8/1946	0.70 21/1945	0.80 21/1945	0.81 21/1945
Aug.	Amt. Date	0.40 28/1943	0.75 28/1943	0.90 28-29/1943	0.95 28-29/1943	1.40 28-29/1943	1.40 28-29/1943
Sep.	Amt. Date	0.43 7/1940	0.68 26/1940	0.96 26/1940	1.25 26/1940	1.31 26-27/1940	1.92 26-27/1940
Oct.	Amt. Date	0.55 8/1950	0.70 23/1940	0.90 23/1940	1.27 8/1950	1.73 23-24/1940	2.83 15-16/1947
Nov.	Amt. Date	0.45 7/1940	0.59 7/1940	0.76 26/1942	1.42 23/1942	2.20 22-23/1942	2.97 22-23/1942
Dec.	Amt. Date	0.34 9/1948	0.50 14/1946	0.62 2/1948	1.10 31/1942	1.77 14/1946	2.18 13-14/1946
Annual	Amt. Date	0.60 5/25/42	0.75 8/28/43	0.96 9/26/40	1.42 11/23/42	2.20 11/22-23/42	2.97 11/22-23/42

^a Also 24/1950.

Station: SIMNASHO, OREGON

Drainage basin: DESCHUTES

County: WASCO

Lat. 44° 58'N Long. 121° 21'W

Elev.(ft.) 2500

Period of record: 1940-1950 BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.19 14/1945	0.26 6/1948	0.38E 1-2/1943	0.63 1-2/1943	0.79 6/1948	1.15 26-27/1950
Feb.	Amt. Date	0.25 6/1942	0.35 6/1942	0.45 6/1942	0.46 6/1942	0.74E 9/1941	0.80 9/1941
Mar.	Amt. Date	0.17a 9/1942	0.26 12/1946	0.35 12/1946	0.51 12/1946	0.64 12/1946	0.67 11-12/1946
Apr.	Amt. Date	0.11 2/1947	0.15 2/1947	0.25 2/1947	0.31 2/1947	0.33 2-3/1947	0.54 8/1941
May	Amt. Date	0.39 20/1948	0.47 20-21/1948	0.66 20-21/1948	0.82 20-21/1948	0.88 26-27/1945	1.27 26-27/1945
Jun.	Amt. Date	0.28 11/1943	0.40 17/1950	0.41 17/1950	0.41 17/1950	0.51 11-12/1950	0.61 11-12/1950
Jul.	Amt. Date	0.15 25/1941	0.15 25/1941	0.15 25/1941	0.15 25/1941	0.15 25/1941	0.25 14/1942
Aug.	Amt. Date	0.15 5/1943	0.26 5/1943	0.28 5/1943	0.47 4-5/1943	0.86 4-5/1943	0.88 4-5/1943
Sep.	Amt. Date	0.32 2/1946	0.38 4/1946	0.39 2/1946	0.39 2/1946	0.50 1/1941	0.56 1/1941
Oct.	Amt. Date	0.19 5/1950	0.29 12/1944	0.35 5/1950	0.50 5/1950	0.77 28/1950	1.22 28/1950
Nov.	Amt. Date	0.29 26/1942	0.44 26/1942	0.58 26/1942	1.03 26/1942	1.56 26/1942	1.87 26/1942
Dec.	Amt. Date	0.17 2/1941	0.27b 2/1941	0.39 28/1945	0.61 28/1945	0.97 28/1945	1.67 27-28/1945
Annual	Amt. Date	0.39 5/20/48	0.47 5/20-21/48	0.66 5/20-21/48	1.03 11/26/42	1.56 11/26/42	1.87 11/26/47

a Also 10/1947. b Also 28/1945.

Station: SISKIYOU SUMMIT, OREGON

Drainage basin: KLAMATH

County: JACKSON

Lat. 42° 03'N Long. 122° 36'W

Elev.(ft.) 4480

Period of record: 1940-1948

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.20 4/1948	0.33 1/1948	0.45 1/1948	0.79 7/1948	1.09 1-2/1948	1.72 6-7/1948
Feb.	Amt. Date	0.20 8/1945	0.33 8/1945	0.42 8/1945	0.64 8/1945	0.79 7-8/1945	1.00 10-11/1941
Mar.	Amt. Date	0.13 19/1941	0.20 ^E 22/1945	0.26 30/1941	0.46 ^E 22/1948	0.65 ^E 22/1948	0.75 22-23/1948
Apr.	Amt. Date	0.20 9/1941	0.35 ^E 23/1944	0.49 ^E 23/1944	0.63 ^E 23/1944	0.88 28/1948	1.14 27-28/1948
May	Amt. Date	0.31 29/1944	0.44 29/1945	0.52 24-25/1942	0.65 24-25/1942	1.15 24-25/1942	1.36 24-25/1942
Jun.	Amt. Date	0.25 14/1944	0.33 15/1946	0.45 15/1946	0.55 ^a 15/1946	0.76 15-16/1946	0.79 15-16/1946
Jul.	Amt. Date	0.41 30/1941	0.41 30/1941	0.41 30/1941	0.41 30/1941	0.56 5/1948	0.64 5/1948
Aug.	Amt. Date	0.31 22/1948	0.48 18/1948	0.60 18/1948	0.85 18/1948	0.88 18-19/1948	0.88 18-19/1948
Sep.	Amt. Date	0.19 1/1941	0.23 1/1941	0.27 1/1941	0.49 1/1941	0.61 1/1941	0.69 1-2/1941
Oct.	Amt. Date	0.69 12/1944	0.74 12/1944	0.74 12/1944	0.77 15-16/1947	0.93 15-16/1947	1.32 15-16/1947
Nov.	Amt. Date	0.45 16/1945	0.77 16/1945	0.90 16/1945	1.31 18/1946	1.81 18-19/1946	2.27 18-19/1946
Dec.	Amt. Date	0.28 16/1941	0.45 16/1941	0.53 16/1941	0.85 2/1941	1.49 2/1941	2.21 1-2/1941
Annual	Amt. Date	0.69 10/12/45	0.77 11/16/45	0.90 11/16/45	1.31 11/18/46	1.81 11/18-19/46	2.27 11/18-19/46

^a Also 6/16/1947.

Station: STIMSON CAMP, OREGON

Drainage basin: WILLAMETTE

County: WASHINGTON

Lat. 45° 32'N Long. 123° 20'W

Elev.(ft.) 1725

Period of record: 1940-1945

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.33 20/1943	0.63 20/1943	0.88 20/1943	1.18 20/1943	1.90 16-17/1941	3.59 16-17/1941
Feb.	Amt. Date	0.28 3/1942	0.52 3/1942	0.75 3/1942	1.26 6-7/1945	2.24 6-7/1945	3.31 6-7/1945
Mar.	Amt. Date	0.27 30/1943	0.49 19/1945	0.72 19/1945	1.25 19/1945	2.15 19/1945	2.90 30-31/1945
Apr.	Amt. Date	0.19 5/1941	0.28 ^a 5/1941	0.41 24/1942	0.60 ^b 20/1943	1.03 7/1945	1.25 7-8/1945
May	Amt. Date	0.26 14/1944	0.39 ^c 17/1941	0.52 22/1945	0.87 16-17/1941	1.38 16-17/1941	1.84 16-17/1941
Jun.	Amt. Date	0.94 21/1943	1.05 21/1943	1.15 21/1943	1.19 21/1943	1.21 21/1943	1.63 31-1/1944
Jul.	Amt. Date	0.20 8/1943	0.29 8/1943	0.35 8/1943	0.45 8/1943	0.52 8/1943	0.57 8-9/1943
Aug.	Amt. Date	0.28 27/1941	0.53 27/1941	0.68 27/1941	0.86 ^d 26-27/1941	1.09 26-27/1941	1.30 26-27/1941
Sep.	Amt. Date	0.35 29/1944	0.59 1/1941	0.74 1/1941	1.11 1/1941	1.44 1/1941	1.69 1/1941
Oct.	Amt. Date	0.40 11/1942	0.67 9/1941	0.96 9/1941	1.41 9-10/1941	2.45 23-24/1943	3.32 23-24/1943
Nov.	Amt. Date	0.45 14/1942	0.75 14/1942	1.01 14/1942	1.57 14/1942	2.42 22-23/1942	3.49 22-23/1942
Dec.	Amt. Date	0.40 27/1942	0.75 27/1942	1.00 27/1942	1.59 26-27/1942	2.55 ^d 2/1943	3.82 2-3/1943
Annual	Amt. Date	0.94 6/21/43	1.05 6/21/43	1.15 6/21/43	1.59 12/26-27/42	2.55 12/2/43	3.82 12/2-3/43

a Also 24/1942.

b Also 7/1945.

c Also 31/1944.

d Also 26/1942.

Station: THE POPLARS, OREGON

Drainage basin: INTERIOR DRAINAGE

County: LAKE

Lat. 43° 16' N Long. 120° 56' W

Elev.(ft.) 4316

Period of record: 1948-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.17 10/1950	0.25 10/1950	0.31 10/1950	0.39 17/1950	0.72 17/1950	1.10 17-18/1950
Feb.	Amt. Date	0.08 5/1950	0.10 10/1949	0.11 10/1949	0.19 6/1949	0.33 6/1949	0.41 5-6/1949
Mar.	Amt. Date	0.12 5/1950	0.17 21/1950	0.19 21/1950	0.21 21/1950	0.26 21-22/1950	0.35 9/1949
Apr.	Amt. Date	0.05 ^a 29/1949	0.06 ^a 29/1949	0.09 6/1950	0.12 6/1950	0.13 6/1950	0.15 30-1/1950
May	Amt. Date	0.38 13/1949	0.56 13/1949	0.58 13/1949	0.58 13/1949	0.58 13/1949	0.61 13-14/1949
Jun.	Amt. Date	0.70 15/1950	1.11 15/1950	1.12 15/1950	1.12 15/1950	1.15 12/1950	1.15 12/1950
Jul.	Amt. Date	0.03 5/1949	0.03 5/1949	0.04 5/1949	0.04 5/1949	0.04 5/1949	0.04 5/1949
Aug.	Amt. Date	0.03 4/1950	0.04 4/1950	0.05 4/1950	0.05 4/1950	0.05 4/1950	0.05 4/1950
Sep.	Amt. Date	0.03 16/1949	0.04 16/1949	0.04 16/1949	0.04 16/1949	0.04 16/1949	0.04 16/1949
Oct.	Amt. Date	NO MEASUREABLE PRECIPITATION					
Nov.	Amt. Date	0.12 1/1948	0.22 2/1948	0.23 1/1948	0.34 1/1948	0.46 1/1948	0.54 1/1948
Dec.	Amt. Date	0.36 3/1950	0.51 3/1950	0.67 3/1950	0.84 3/1950	0.94 3/1950	1.12 2-3/1950
Annual	Amt. Date	0.70 6/15/50	1.11 6/15/50	1.12 6/15/50	1.12 6/15/50	1.15 6/15/50	1.15 6/15/50

^a Also 6/1950.

Station: TILLAMOOK 12E, OREGON

Drainage basin: COAST

County: TILLAMOOK

Lat. 45° 28'N Long. 123° 40'W

Elev.(ft.) 250

Period of record: 1940-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.51 19/1950	0.77 19/1950	1.00 19/1950	1.58 19/1950	2.55 19/1950	4.41 19/1950
Feb.	Amt. Date	0.48 12/1945	0.91 12/1945	1.33 12/1945	2.25 12/1945	3.11 23/1950	5.10 23-24/1950
Mar.	Amt. Date	0.45 19/1950	0.74 21/1948	0.96 21/1948	1.47 3-4/1950	2.25 21/1948	3.72 30-31/1943
Apr.	Amt. Date	0.28a 30/1940	0.51 20/1940	0.70a 30/1940	1.20a 30/1940	1.81 10-11/1945	2.33 10-11/1945
May	Amt. Date	0.51E 31/1944	1.02 31-1/1944	1.68 31-1/1944	3.09 31-1/1944	4.20 31-1/1944	4.62 31-1/1944
Jun.	Amt. Date	0.66 1/1944	1.25 1/1944	1.93 1/1944	3.09 31-1/1944	4.20 31-1/1944	4.62 31-1/1944
Jul.	Amt. Date	0.40 24/1949	0.51 8/1946	0.70 8/1946	1.10 8/1946	1.64 8/1946	2.00 8-9/1946
Aug.	Amt. Date	0.66 27/1941	1.26 27/1941	1.64 27/1941	2.12 27/1941	2.45 26-27/1941	3.63 26-27/1941
Sep.	Amt. Date	0.64 3/1945	1.20 3/1945	1.53 3/1945	2.96 3/1945	4.16 3-4/1945	6.19 3-4/1945
Oct.	Amt. Date	0.46 9/1941	0.82 27/1950	1.15a 9/1941	1.81 9/1941	2.32 9-10/1941	3.64 30-31/1942
Nov.	Amt. Date	0.60 23/1949	1.00 6/1947	1.35 6/1947	2.15 6/1947	3.58 6-7/1947	4.91 22-23/1942
Dec.	Amt. Date	0.90 28/1945	1.15 28/1945	1.53 11/1946	2.66 11/1946	4.48 11/1946	7.36 11-12/1946
Annual	Amt. Date	0.90 12/28/45	1.26 8/27/41	1.83 6/1/44	3.09 5-31- 6-1/44	4.48 12/11/46	7.36 12/11-12/46

a Also 10/1945. b Also 27/1950.

Station: **TIMBERLINE LODGE, OREGON**

Drainage basin: **COLUMBIA**

County: **CLACKAMAS**

Lat. **45° 20'N** Long. **121° 43'W**

Elev.(ft.) **5935**

Period of record: **1941-1949**

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.30 25/1947	0.55 ^a 7/1945	0.82 25/1947	1.50 25/1947	2.20 25/1947	3.73 6-7/1945
Feb.	Amt. Date	0.70 23/1950	1.03 23/1950	1.27 23/1950	1.72 23/1950	2.39 12/1945	3.39 10-11/1943
Mar.	Amt. Date	0.32 9/1944	0.45 9/1944	0.60 16/1950	1.00 16/1950	1.59 16/1950	2.34 16-17/1950
Apr.	Amt. Date	0.27 8/1950	0.38 8/1950	0.47 8/1950	0.76 30-1/1949	1.49 30-1/1949	2.81 30-1/1949
May	Amt. Date	0.46 24/1942	0.54 24/1942	0.57 3/1948	0.96 22/1943	1.55 1/1949	2.81 30-1/1949
Jun.	Amt. Date	0.63 8/1943	0.90 8/1943	1.03 7/1947	1.09 25/1942	1.62 25-26/1942	2.34 25-26/1942
Jul.	Amt. Date	0.26 5/1948	0.38 5/1948	0.48 ^b 8/1946	0.78 8/1946	1.55 8/1946	1.99 8-9/1946
Aug.	Amt. Date	0.27 29/1943	0.51 29/1943	0.74 29/1943	1.31 29/1943	1.90 29/1943	2.10 28-29/1943
Sep.	Amt. Date	0.35 20/1945	0.65 20/1945	0.90 20/1945	1.24 20/1945	1.56 15-16/1949	2.51 15-16/1949
Oct.	Amt. Date	0.41 9/1949	0.76 9/1949	1.06 9/1949	1.72 9/1949	2.80 2/1947	4.61 2-3/1947
Nov.	Amt. Date	0.37 26/1942	0.70 26/1942	1.00 26/1942	1.63 23/1948	2.55 23/1942	3.74 22-23/1942
Dec.	Amt. Date	0.97 18/1941	1.33 18/1941	1.46 18/1941	1.80 27/1945	3.00 27/1945	5.13 27-28/1950
Annual	Amt. Date	0.97 12/18/41	1.33 12/18/41	1.46 12/18/41	1.80 12/27/45	3.00 12/27/45	5.13 12/27-28/50

^a Also 25/1947.

^b Also 5/1948.

Station: TOLLGATE, OREGON

Drainage basin: GRAND RONDE

County: UMATILLA

Lat. 45° 47'N Long. 118° 05'W

Elev.(ft.) 5280

Period of record: 1941-1950 (BREAKS)

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.35 5/1946	0.65 5/1946	0.90 5/1946	1.44 5/1946	1.77 7-8/1946	2.60 6-7/1945
Feb.	Amt. Date	0.28 8/1948	0.39 21/1948	0.57 8/1945	1.05 25-26/1948	1.69 25-26/1948	2.12 25-26/1948
Mar.	Amt. Date	0.35 24/1945	0.40 19/1944	0.52 19/1944	0.88 17/1950	1.25 15/1946	1.57 4-5/1944
Apr.	Amt. Date	0.25 ^a 16/1942	0.36 16/1942	0.50 23/1945	0.83 23/1945	1.07 23/1945	1.52 16-17/1947
May	Amt. Date	0.42 9/1946	0.74 9/1946	0.77 9/1946	0.80 9/1946	0.99 26/1946	1.82 26-27/1946
Jun.	Amt. Date	0.39 15/1948	0.50 ^b 26/1942	0.70 26/1942	1.10 26/1942	1.60 26/1942	2.48 26/1942
Jul.	Amt. Date	0.32 19/1944	0.35 27-28/1948	0.45 27-28/1948	0.70 27-28/1948	1.05 27-28/1948	1.05 27-28/1948
Aug.	Amt. Date	0.35 14/1944	0.39 14/1944	0.39 14/1944	0.50 29/1943	0.65 29/1943	0.88 29-30/1943
Sep.	Amt. Date	0.36 16/1944	0.56 16/1944	0.73 3/1941	1.07 2-3/1941	1.18 2-3/1941	1.66 2-3/1941
Oct.	Amt. Date	0.40 25/1946	0.72 25/1946	0.99 25/1946	1.64 25/1946	2.16 31-1/1942	3.11 31-1/1942
Nov.	Amt. Date	0.36 13/1941	0.53 13/1941	0.78 13-14/1941	1.39 31-1/1942	2.16 31-1/1942	3.11 31-1/1942
Dec.	Amt. Date	0.50 11/1946	0.95 11/1946	1.15 11/1946	1.55 11/1946	2.79 11/1946	4.05 11-12/1946
Annual	Amt. Date	0.50 12/11/46	0.95 12/11/46	1.15 12/11/46	1.64 10/25/46	2.79 12/11/46	4.05 12/11-12/46

a Also 8/1947.

b Also 21/1948.

Station: UNION, OREGON

Drainage basin: SNAKE

County: UNION

Lat. 45° 13'N Long. 117° 53'W

Elev.(ft.) 2765

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.13 27/1942	0.22 ^E 27/1942	0.30 27/1942	0.35 27/1942	0.43 1-2/1943	0.51 1-2/1943
Feb.	Amt. Date	0.13 27/1946	0.25 27/1946	0.30 27/1946	0.41 18/1949	0.55 18-19/1949	0.60 18-19/1949
Mar.	Amt. Date	0.20 9/1950	0.25 13/1942	0.29 13/1942	0.44 13/1942	0.56 13/1942	0.59 13/1942
Apr.	Amt. Date	0.27 16/1942	0.42 16/1942	0.55 16/1942	0.70 16/1942	0.85 16-17/1942	0.87 16-17/1942
May	Amt. Date	0.32 3/1948	0.46 30-31/1941	0.51 30-31/1941	0.70 22/1948	1.20 21-22/1948	1.21 21-22/1948
Jun.	Amt. Date	0.68 10/1948	0.77 10/1948	0.79 10/1948	0.79 10/1948	0.90 10/1942	1.28 8/1947
Jul.	Amt. Date	0.43 26/1940	0.57 26/1940	0.60 26/1940	0.84 26/1940	0.91 26/1940	0.94 26/1940
Aug.	Amt. Date	0.57 19/1941	0.57 19/1941	0.57 19/1941	0.57 19/1941	0.57 19/1941	0.64 29-30/1943
Sep.	Amt. Date	0.35 13/1940	0.49 13/1940	0.54 13/1940	0.56 4/1940	0.72 4/1940	0.81 4/1940
Oct.	Amt. Date	0.24 5/1950	0.31 7/1947	0.41 7/1947	0.53 7-8/1947	0.69 7-8/1947	0.78 6-7/1949
Nov.	Amt. Date	0.18 2/1940	0.30 27/1940	0.36 27/1940	0.50 23/1949	0.84 23/1949	0.99 23/1949
Dec.	Amt. Date	0.15 ^a 24/1942	0.25 11/1946	0.33 11/1946	0.48 11/1946	0.80 11-12/1946	1.35 11-12/1946
Annual	Amt. Date	0.68 6/10/48	0.77 6/10/48	0.79 6/10/48	0.84 7/26/40	1.20 5/21-22/48	1.35 12/11-12/46

^a Also 11/1946.

Station: VALSETZ, OREGON

Drainage basin: COAST

County: POLK

Lat. 44° 51'N Long. 123° 40'W

Elev.(ft.) 1150

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.48 25/1947	0.92 25/1947	1.35 25/1947	2.50 25/1947	3.59 21/1946	4.88 25-26/1947
Feb.	Amt. Date	0.60 ^a 7/1945	1.15 7/1945	1.62 7/1945	2.97 6-7/1945	4.72 7/1945	6.86 6-7/1945
Mar.	Amt. Date	0.55 16/1950	0.95 16/1950	1.37 16/1950	2.44 16/1950	3.35 21/1948	6.25 30-31/1943
Apr.	Amt. Date	0.30 7/1945	0.50 30/1949	0.78 ^E 30-1/1949	1.56 ^E 30-1/1949	3.11 30-1/1949	5.12 30-1/1949
May	Amt. Date	0.40 3/1948	0.76 3/1948	1.11 3/1948	2.00 3/1948	3.11 30-1/1949	5.12 30-1/1949
Jun.	Amt. Date	0.29 9/1947	0.41 9/1947	0.57 3/1947	0.86 8/1947	1.36 8/1947	2.35 8-9/1947
Jul.	Amt. Date	0.29 28/1950	0.50 8/1946	0.65 21/1945	1.16 8/1946	1.60 8/1946	1.76 8/1946
Aug.	Amt. Date	0.65 9/1947	1.00 9/1947	1.22 9/1947	1.69 9/1947	1.78 9/1947	1.88 9/1947
Sep.	Amt. Date	0.55 3/1945	0.97 4/1945	1.33 3/1945	2.20 3/1945	3.75 4/1945	6.46 3-4/1945
Oct.	Amt. Date	0.56 5/1950	0.96 18/1947	1.30 19/1946	2.35 19-20/1946	3.50 19-20/1946	5.57 19-20/1946
Nov.	Amt. Date	0.78 13/1941	1.10 ^b 3/1943	1.65 3-4/1943	2.65 22-23/1942	4.42 22-23/1942	6.50 26-27/1945
Dec.	Amt. Date	0.80 27/1942	1.28 27/1942	1.90 26-27/1942	3.18 26-27/1942	5.30 14/1946	6.55 14-15/1946
Annual	Amt. Date	0.80 12/27/42	1.28 12/27/42	1.90 12/26-27/42	3.18 12/26-27/42	5.30 12/14/46	6.86 2/6-7/45

^a Also 20/1948.

Station: WALLA WALLA, OREGON

Drainage basin: WALLA WALLA

County: UMATILLA

Lat. 46° 00'N Long. 118° 03'W

Elev.(ft.) 2400

Period of record: 1940-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.37 24/1947	0.47 25/1947	0.67 25/1947	1.00 12/1945	1.46 21-22/1946	1.95 4-5/1946
Feb.	Amt. Date	0.40 1/1942	0.65 1/1942	0.90 1/1942	1.25 1/1942	1.79 25-26/1948	1.95 25-26/1948
Mar.	Amt. Date	0.33 26/1940	0.54 17/1950	0.71 17/1950	1.10 12/1946	1.57 12/1946	2.10 17/1950
Apr.	Amt. Date	0.30 9/1940	0.47 9/1940	0.57 16/1942	0.86 23/1940	1.29 23/1940	1.86 10-11/1945
May	Amt. Date	0.45 14/1949	0.60 21/1948	0.69 21/1948	0.83 17/1941	1.36 21-22/1948	1.61 21-22/1948
Jun.	Amt. Date	0.90 10/1948	0.92 10/1948	0.92 10/1948	0.92 10/1948	1.34 6-7/1941	1.81 6-7/1941
Jul.	Amt. Date	0.32 6/1941	0.57 6/1941	0.71 6/1941	0.90 27/1940	1.26 26-27/1940	1.59 26-27/1940
Aug.	Amt. Date	0.25 12/1945	0.30 12/1945	0.31 12/1945	0.35 12/1945	0.59 12/1945	0.64 12/1945
Sep.	Amt. Date	0.36 26/1947	0.64 15/1949	0.75 20/1945	1.08 16/1944	1.35 4/1940	1.60 4-5/1940
Oct.	Amt. Date	0.50 28/1949	0.83 28/1949	1.05 28/1949	1.75 31/1942	2.40 11/1943	3.17 10-11/1943
Nov.	Amt. Date	0.46 13/1941	0.72 13/1941	1.00 13/1941	1.16 13/1941	2.23 31-1/1942	2.93 31-1/1942
Dec.	Amt. Date	0.33 22/1950	0.62 2/1941	0.84 2/1941	1.44 28/1945	2.59 28/1945	3.95 27-28/1945
Annual	Amt. Date	0.90 6/10/48	0.92 6/10/48	1.05 10/28/49	1.75 10/31/42	2.59 12/28/45	3.95 12/27-28/45

Station: WILLAMETTE SNOW LAB., OREGON

Drainage basin: WILLAMETTE

County: LINN

Lat. 44° 21'N Long. 122° 08'W

Elev.(ft.) 4100

Period of record: 1947-1950

Month		Duration (hours)					
		1	2	3	6	12	24
Jan.	Amt. Date	0.39 7/1948	0.67 7/1948	0.87 6-7/1948	1.57 6-7/1948	2.73 6-7/1948	5.01 6-7/1948
Feb.	Amt. Date	0.35 10/1949	0.60 10/1949	0.87 10/1949	1.67 10/1949	2.85 9-10/1949	4.95 9-10/1949
Mar.	Amt. Date	0.29 21/1950	0.49 17/1950	0.69 17/1950	1.37 16-17/1950	2.20 16-17/1950	3.67 16-17/1950
Apr.	Amt. Date	0.25 24/1948	0.33 24/1948	0.56E 30-1/1949	1.12E 30-1/1949	2.23E 30-1/1949	4.45 30-1/1949
May	Amt. Date	0.26 3/1948	0.50 1/1949	0.74 1/1949	1.25 1/1949	2.40 1/1949	4.49 1/1949
Jun.	Amt. Date	0.57 10/1948	0.81 10/1948	0.83 10/1948	0.87 10/1948	1.13 10-11/1948	1.72 11-12/1950
Jul.	Amt. Date	0.13 6/1948	0.20 27/1948	0.28 27/1948	0.38 27/1948	0.65 27/1948	1.05 26-27/1948
Aug.	Amt. Date	0.33 23/1950	0.65 23/1950	0.80 23/1950	1.08 23/1950	1.34E 23/1950	1.78E 22-23/1950
Sep.	Amt. Date	0.32 22/1948	0.46 21/1948	0.60 21/1948	0.91 21/1948	1.39 21/1948	2.15 21-22/1948
Oct.	Amt. Date	0.31 5/1950	0.54 5/1950	0.77 5/1950	1.20 5/1950	2.24E 27-28/1950	4.46E 27-28/1950
Nov.	Amt. Date	0.35a 23/1948	0.73 23/1948	1.00 23/1948	1.60 23/1948	2.72 26-27/1949	4.00E 26-27/1949
Dec.	Amt. Date	0.30 3/1950	0.56 3/1950	0.80 3/1950	1.15 3/1950	1.92 2/1948	2.99 1-2/1948
Annual	Amt. Date	0.57 6/10/48	0.81 6/10/48	1.00 11/23/48	1.67 2/10/49	2.85 2/9-10/49	5.01 1/6-7/48

a Also 27/1949.

Station: WILLIAMS, OREGON

Drainage basin: ROGUE

County: JOSEPHINE

Lat. 42° 14' N Long. 123° 16' W

Elev. (ft.) 1350

Period of record: 1940-1950

Month	Amt. Date	Duration (hours)					
		1	2	3	6	12	24
Jan.	0.45 13/1950	0.70 13/1950	0.90 20/1943	1.47 20/1943	2.33 20/1943	3.79 20-21/1943	
Feb.	0.33 22/1949	0.53 22/1949	0.73 22/1949	1.07 22/1949	1.43 7-8/1945	1.65 7-8/1945	
Mar.	0.30 3/1944	0.40 17/1950	0.50 17/1950	0.85 17/1950	1.54 26/1940	1.85 26/1940	
Apr.	0.30 5/1948	0.50 ^a 7/1945	0.64 7/1945	0.73 5/1948	0.98 4-5/1941	1.40 4-5/1941	
May	0.37 30/1948	0.52 30/1948	0.52 30/1948	0.58 25/1942	1.02 24-25/1942	1.14 24-25/1942	
Jun.	0.55 24/1943	0.78 24/1943	0.82 24/1943	0.89 24/1943	0.89 24/1943	1.20 4-5/1947	
Jul.	0.45 26/1941	0.45 26/1941	0.45 26/1941	0.58 26/1947	1.07 26/1947	1.48 25-26/1947	
Aug.	0.10 ^b 29/1943	0.20 29/1943	0.25 29/1943	0.26 29/1947	0.26 29/1947	0.26 29/1947	
Sep.	0.35 27/1949	0.55 27/1949	0.65 27/1949	0.83 1/1941	0.88 1/1941	0.91 1-2/1941	
Oct.	0.39 28/1950	0.62 28/1950	1.01 28/1950	1.72 28/1950	3.08 27-28/1950	4.66 28-29/1950	
Nov.	0.40 9/1949	0.70 ^c 23/1942	0.86 23/1942	1.31 9/1949	2.15 9/1949	2.65 17-18/1946	
Dec.	0.30 ^d 2/1941	0.60 28/1945	0.88 28/1945	1.58 28/1945	2.19 1-2/1941	3.88 27-28/1945	
Annual	0.55 6/24/43	0.78 6/24/43	1.01 10/28/50	1.72 10/28/50	3.08 10/27-28/50	4.66 10/28-29/50	

^a Also 5/1948.

^b Also 29/1947.

^c Also 9/1949.

^d Also 28/1945.