Local Climatological Data for Corvallis, Oregon

1985 Summary with Normals Means Extremes Monthly Time Series

Special Report 777
May 1986

Agricultural Experiment Station
Oregon State University
in cooperation with
Office of the State Climatologist
Climatic Research Institute

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Report SCP-5
May 1986

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State Climatologist

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Climatic Research Institute
Oregon State University

Data from
Hyslop Crop Science Field Laboratory
Agricultural Experiment Station
Oregon State University
Corvallis, Oregon 97331

Observers: Jim Crane
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PREFACE

Climatological observations have been taken in the Corvallis area since April 1889. Available information indicates that the station was located at different sites on the campus of Oregon State University during the early portion of the record. Various professors served as observers during this period, which extends to 1952. In that year, the station was moved to its present site at Oregon State University's Hyslop Crop Science Field Laboratory, six miles northeast of downtown Corvallis on U.S. Highway 20 (latitude 44.63 degrees North, longitude 123.20 degrees West, and elevation 225 feet above sea level).

Prior to 1952, observations were taken late in the afternoon. Since May 24, 1952, observations have been taken for the 24-hour period ending at 8 a.m., by personnel of the OSU Crop Science Department. Following a long-established convention, data recorded by the national network of cooperative observers are assigned for archival purposes to the date when the observations were made.

In 1983 earlier observations were entered on a computer at the Climatic Research Institute (811 SW Jefferson Street), which works in close cooperation with OSU's Department of Atmospheric Sciences. Daily values are now available in electronic form beginning in 1889. Records are nearly continuous since 1893. During the data entry process, numerous errors and inconsistencies were uncovered in older published Corvallis summaries. Most of these were corrected in the 1982 summary, and the rest in the 1983 summary. The years 1951 - 1980 are used as the reference for the computation of "normal" values. This report contains information mostly from the modern period since 1948, although extremes from the entire record are given for certain quantities in the table of long-term averages.

Narrative Weather Summary - 1985

1985 was one of the coolest, driest and sunniest years on record. Normally soggy January was the driest month of the year. Unusual and prolonged cold characterized the last two months.

The year 1985 began with the driest January in a record stretching back to 1889. The quarter-inch total fell far short of the previous record of 0.96" in 1977. This was the 2nd driest winter month (December through February) on record, and the December-January combination was also the 2nd driest recorded. Greatest daily rainfall was a mere 0.07"; until this year no January had less than 3 days with at least one-tenth inch of rain.

February continued in this manner to a lesser degree, being both cooler and drier than average. Precipitation ranked 29th driest of 96 Februarys. Winter precipitation (December through February) was the 2nd driest on record.

March was the 4th consecutive cool month, and coolest March since 1976. This was the first of just 4 months with above average precipitation in 1985. The 7th latest measurable snowfall since 1889, one inch on the 26th, contributed to the largest March total since 1962.

April ended as the warmest since 1952, and the first warmer than average month since November 1984. The first 15 days averaged 11 degrees warmer than the second half of the month, when nearly all of the monthly rain fell. By month's end, measurable rain had fallen on 49 days since January 1, far below the average of 70 days. April entered the records as the 16th driest.

May experienced the latest killing frost on record with a minimum of 28°F on the 11th, 6 days beyond the previous latest killing frost in 1909. Considerable damage resulted to certain agricultural products, such as strawberries. The month was 24th driest on record, and if not for rain on the last day of the month, this would have been the driest January-May period on record.

Although June received no precipitation for the last 22 days, the month was 15th wettest on record, and was the 6th consecutive wet June. Each of the first 6 months of 1985 had at least 2 fewer than the average number of days with measurable precipitation.

July was the warmest since 1958, and 5th warmest on record. The average daytime maximum was the highest since 1917, and the 4th warmest of any summer month. Although temperatures reached 90 on 11 days, the most for July since 1938, the only daily record was a cool maximum of 63 on the 30th. A period of 51 days without measurable precipitation ended on the 30th, the 36th streak since 1890 of at least this duration. The 0.52" on the last day was nearly double the monthly average, and is the 12th wettest July day on record. Even though June and July were far wetter than average, the two monthly totals mask the existence of a rainless period over 7 weeks long spanning the two months. Pan evaporation was the 3rd highest since 1922.

August was the first cool month since March, and was also 33rd driest in 97 years. The summer ended as the warmest since 1972, and the 10th in the past 12 years with greater than average precipitation. The crop year concluded with 37.02" of precipitation (85 percent of average), for the 30th driest of 96.

The coolest September since 1970 brought some frost to the area on the 29th. This was the first month since November 1984 with greater than the average number of days with measurable precipitation; however, the total rainfall was just over half the average. Heavy showers on the 9th dropped nearly an inch of rain in the city, with only 0.01" at Hyslop Farm.

The first frost at the observing site on October 13 was the earliest since 1974. The growing season ended at 153 days (40 days less than average), the shortest since since 1972 and 4th shortest since 1949. A period of 22 days without precipitation ended on the 11th, and contributed to the 4th greatest pan evaporation since 1952.

Corvallis will remember November 1985 with the rest of North America as a remarkable month. This coldest November on record was chillier than an average January. Even including a few warm days at the start of the month, daytime average maximums were the coldest on record as well, at 7.5 degrees below normal. Six daily maximums equalled or failed to reach previous records for cold afternoons.

December was ushered in by 2" of snow on the 1st and 6.5" on the 2nd (the 11th greatest daily snowfall on record), making this the 4th snowiest December. Only the days from the 6-9th were warmer than average, and 13 days failed to reach 40 (equalling 1919 and 1983 for the most such days). Minimums fell below freezing on 25 days, exceeding the December record of 22 days in 1978. This was the coldest December in 66 years, and the 2nd coldest on record. The month was especially notable for the pronounced vertical variation in temperature anomalies, as nearby mountaintops experienced one of the warmer Decembers on record. Precipitation fell on each of the first 9 days, with none recorded for the next 22 days. This marked the first instance of a string of 20 or more rainless days during this part of the year in Corvallis records. The 9 days with measurable precipitation was the 4th fewest on record.

The year concluded as the driest since 1944 and 6th driest on record. The 120 days with measurable precipitation tied 1965 for the fewest since 1944. Only 57 days recorded at least 0.10" of precipitation, the fewest since 1948. Greatest daily total was 1.39", the lowest annual extreme since 1939. Surprisingly, January turned out to be the driest month of the year. The year was also the snowiest since 1971.

1985 ties 1965 as the coolest year since 1955. The annual average maximum was the coolest since 1971, and the average annual minimum the coolest since 1924. The months April through July were the only warmer than average months of the year.

The warmest (99 on July 19) and coolest (15 on November 25) readings of the year were close to the average. The following number of daily temperature records were equalled or exceeded: highest maximum - 0 days; lowest maximum - 7 days exceeded, 2 days tied; highest minimum - 1 day exceeded; lowest minimum - 7 days exceeded, 2 days tied.

The year also recorded more solar radiation than any other year since records from this type of device began in 1970, exceeding the previous sunniest year by 6 percent. This is not an instrumental artifact, since readings from Eugene show the same result.

METEOROLOGICAL DATA FOR THE YEAR 1985
Hyslop Crop Science Field Laboratory, Corvallis, Oregon
(observation period: 8 a.m. to 8 a.m.)

TEMPERATURE (Degrees F)

Mon	Monthly Average and Departures from Normal: Tmax	Dep	Tmin	Dep	Tave	Dep	Daily Extremes: high	day	low	day	Rad ly/dy	Evap inches
J	42.5	-2.6	28.1	-4.8	35.3	-3.7	53	21	24	a	129	
F	48.5	-1.9	31.9	-3.1	40.2	-2.5	62	23	19	4	169	
M	53.1	-0.7	33.9	-2.2	43.5	-1.4	61	b	28	11	290	
A	62.2	+2.9	41.9	+3.1	52.0	+3.0	78	9	32	25	392	3.19
M	67.3	+1.1	42.8	-0.4	55.0	+0.3	84	22	28	11	498	5.14
J	75.3	+2.7	47.4	-0.9	61.3	+0.9	94	18	37	24	616	6.77
J	87.1	+6.4	52.3	+1.6	69.7	+4.1	99	19	46	c	640	9.79
A	80.9	+0.4	50.0	-0.7	65.6	-0.1	93	14	40	21	511	7.48
S	71.6	-3.9	45.8	-1.9	58.7	-2.9	88	25	36	30	342	4.29
O	63.8	-0.5	40.6	-1.1	52.2	-0.8	81	4	31	d	225	2.97
N	44.8	-7.5	31.5	-5.7	38.1	-6.6	66	2	15	25	111	
D	40.1	-6.4	25.5	-9.1	32.8	-7.8	50	6	18	2	117	
Yr	61.4	-0.9	39.3	-2.1	50.4	-1.5	99	e	15	f	337	-

a - recorded on 13,14,26,27 b - recorded on 10,18 c - recorded on 3,5
d - recorded on 13,29 e - recorded on 7/19 f - recorded on 11/25

PRECIPITATION (Inches)

Mon	Precip	Dep	24-hr max	day	No. days with at least: Trace	.01	.10	.50	1.00	Snow Amt.	24-hr max	day
J	0.25	-7.30	0.07	31	8	7	0	0	0	0	-	-
F	3.65	-1.21	1.20	8	18	14	9	3	1	2.0	0.7	9
M	4.94	+0.31	0.85	23	20	16	10	4	0	1.2	1.0	25
A	1.05	-1.41	0.32	23	16	12	5	0	0	0	-	-
M	0.94	-0.98	0.60	31	16	10	1	1	0	0	-	-
J	2.22	+1.02	1.33	7	7	5	2	2	1	0	-	-
J	0.54	+0.23	0.52	31	2	2	1	1	0	0	-	-
A	0.48	-0.33	0.34	1	5	3	2	0	0	0	-	-
S	0.78	-0.70	0.18	15	12	12	3	0	0	0	-	-
O	3.89	+0.50	0.86	22	19	14	8	4	0	0	-	-
N	4.69	-1.48	1.04	8	22	16	11	2	1	0.3	0.3	30
D	3.72	-4.05	1.39	2	11	9	5	3	1	8.5	6.5	2
Yr	27.15	-15.40	1.39	g	156	120	57	20	4	12.0	6.5	h

g - 12/2 h - 12/2

"Rad" : Global solar radiation on a horizontal surface, in langleys per day.

K·E 1 YEAR BY DAYS X 250 DIVISIONS KEUFFEL & ESSER CO. MADE IN U.S.A.

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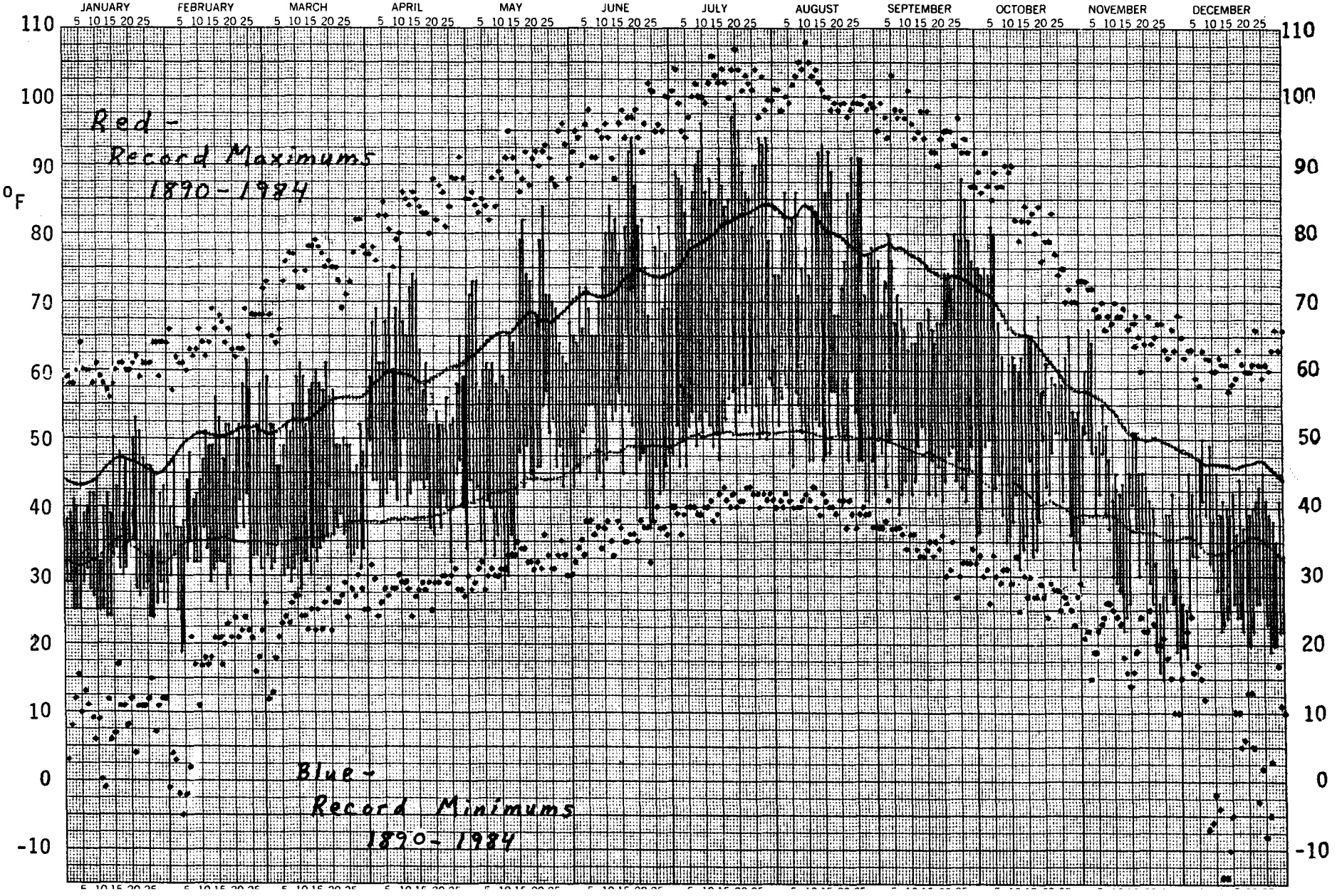
CORVALLIS, OREGON. Daily maximum and minimum temperatures (^{o}F) from Hyslop Field Laboratory. 1985

Daily average maximum and minimum (1951-1980), 5-day running means.

Daily extremes since 1890.

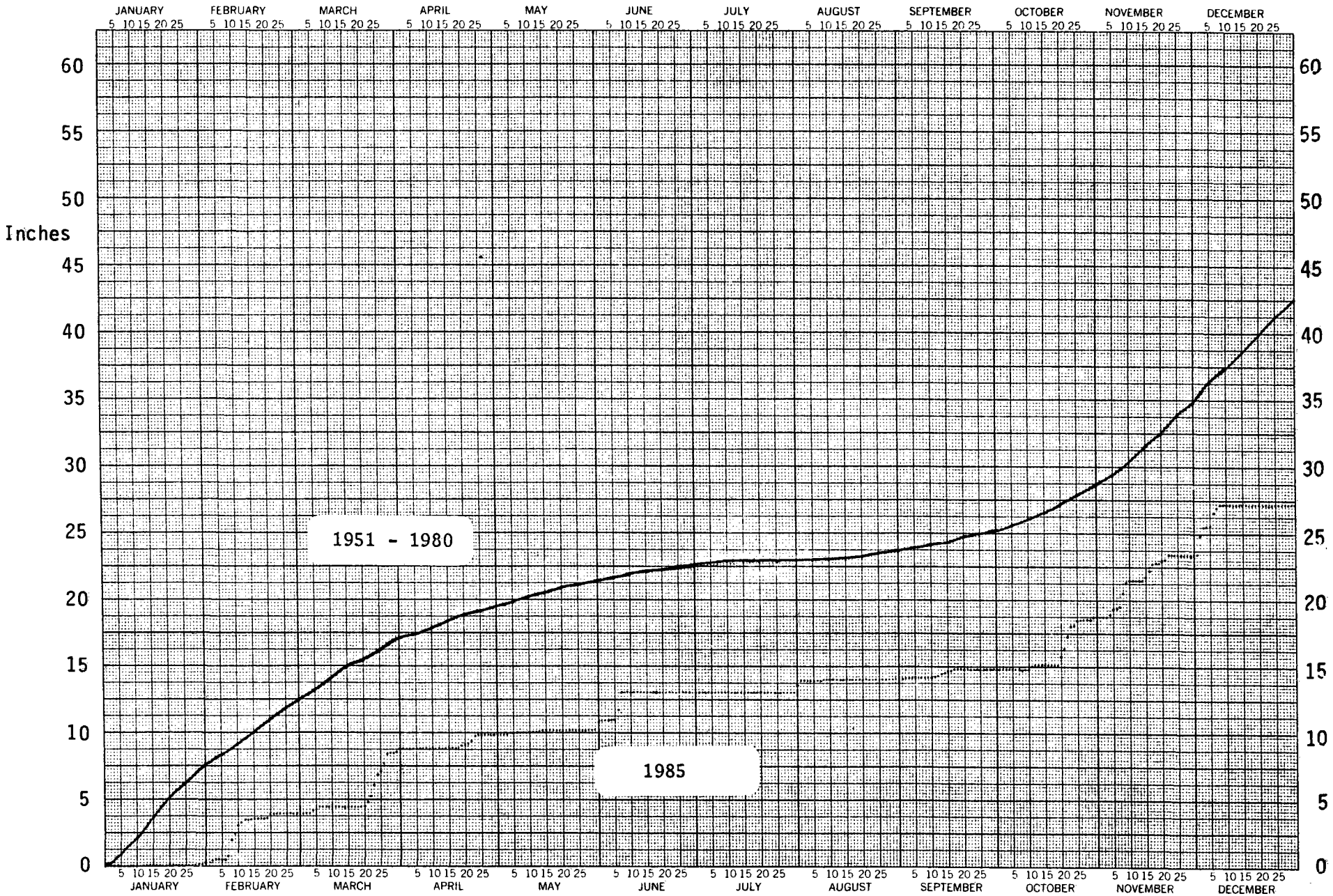
Readings at 8 am on plotted date.



46 2890

CORVALLIS, OREGON. Accumulated precipitation from January 1, 1985. Hyslop Field Laboratory.

Solid curve is average from 1951-1980.



LONG-TERM AVERAGES AND EXTREMES
Hyslop Crop Science Field Laboratory, Corvallis, Oregon

TEMPERATURE (Degrees F)

Mon	Normals and Standard Deviations Tmax	St Dev	Tmin	St Dev	Tave	St Dev	Monthly and Annual Extremes of Average Temperature High	Year	Low	Year	Daily Extremes High	Year	Low	Year	Rad ly/dy	Evap inche
Rec	N	N	N	N	N	N	M	M	M	M	95	95	95	95	19	31
J	45.1	3.18	32.9	3.76	39.0	3.34	46.3	1953	30.3	1949	64	a	- 1	b	92	
F	50.4	3.11	35.0	2.70	42.7	2.70	48.2	1968	35.9	1956	69	c	- 5	1899	141	
M	53.8	2.51	36.1	1.97	44.9	1.95	49.6	1978	40.9	1955	82	1930	12	1971	242	
A	59.3	3.39	38.8	1.92	49.0	2.35	54.0	1949	44.3	1955	91	1926	24	d	338	2.72
M	66.2	3.17	43.2	1.77	54.7	2.18	59.9	1958	50.9	1962	96	1983	28	e	450	4.46
J	72.6	3.39	48.3	2.09	60.4	2.35	64.3	1951	56.5	1953	102	1925	32	f	497	5.65
J	80.7	3.04	50.6	1.27	65.6	1.87	70.2	1958	61.2	1955	107	1946	36	g	546	7.75
A	80.5	3.39	50.7	1.88	65.6	2.21	70.9	1967	62.9	1957	108	1981	37	h	454	6.95
S	75.5	3.50	47.7	1.76	61.6	2.17	65.9	1974	58.6	i	103	1944	27	1908	353	4.79
O	64.3	2.63	41.7	1.91	53.0	1.55	56.8	1952	49.9	1949	92	1980	23	1917	211	2.06
N	52.3	2.37	37.2	3.01	44.7	2.47	49.7	1949	38.1	1985	73	1890	10	1896	104	
D	46.5	2.18	34.6	2.76	40.6	2.42	48.1	1950	32.8	1985	66	j	-14	1919	71	
Yr	62.3	1.19	41.4	.82	51.9	.93	54.6	1949	49.7	1955	108	8/81	-14	12/19	292	

a - 1914,1931,1940,1971 b - 1909,1950 c - 1905,1916 d - 1918,1968 e - 1909,1915,19
f - 1911,1929 g - 1918,1921 h - 1900,1914,1920,1973 i - 1961,1964
j - 1917,1950,1980

PRECIPITATION (Inches)

Mon	Ave. Precip	Monthly and Annual Extremes High	Year	Low	Year	24-hr max	year	Ave. Number days with at least: Trace	.01	.10	.50	1.00	Snow (inches) Ave.	Record Amt.	Month Year
Rec	N	96	96	96	96	95	95	N	N	N	N	N	N	96	96
J	7.55	15.51	1970	0.25	1985	4.28	1965	22.3	20.1	14.0	5.0	1.7	2.8	51.9	1950
F	4.86	15.23	1904	.12	1920	2.76	1961	20.9	18.4	11.6	3.2	.8	0.8	12.0	1917
M	4.63	11.70	1904	.43	1926	1.90	1963	20.5	17.6	11.3	2.7	.5	0.5	6.5	1891
A	2.46	7.99	1937	.22	1939	2.06	1937	18.3	14.3	7.4	.9	.1	0	1.0	k
M	1.92	5.71	1896	.16	1947	1.88	1963	14.3	11.5	5.5	.7	.1	0	-	-
J	1.20	4.34	1984	.00	1918	2.14	1952	10.1	7.4	3.6	.5	.1	0	-	-
J	.31	2.72	1947	.00	l	1.75	1947	4.0	2.5	1.1	0	0	0	-	-
A	.81	5.24	1968	.00	m	1.48	1983	6.4	4.5	2.2	.3	.1	0	-	-
S	1.48	5.40	1920	.00	1975	2.18	1969	8.5	6.7	3.6	.9	.1	0	-	-
O	3.39	9.70	1950	T	n	2.26	1924	14.1	12.2	7.5	2.0	.5	0	5.0	1935
N	6.17	18.28	1973	.22	1890	3.16	1921	19.7	18.2	11.6	4.3	1.3	0.5	9.5	1955
D	7.77	14.42	1968	1.47	1976	2.78	1933	22.1	20.6	13.6	5.2	2.0	1.3	20.0	1919
Yr	42.55	58.74	1968	22.99	1944	4.28	1965	181	154	93	26	7	5.9	51.9	1950

k - 1911,1933 l - 1896,1908,1914,1921,1922,1924,1926,1930,1933,1941,1952,1962,196
m - 1902,1906,1914,1915,1928,1931,1955,1974 n - 1895,1917

"Rec" : Shows either the number of years, or the particular years considered, used to derive the values for that particular column.

M - From the modern period: 1948 to present
N - Normals from 1951-1980.

Average Maximum Temperature, Corvallis, Oregon (Deg F)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	49.5	48.9	53.9	56.1	66.2	78.1	79.0	77.0	75.6	62.6	51.0	43.1	61.8
1949	38.6	48.8	55.9	66.2	72.0	76.8	79.4	79.1	76.4	61.1	58.2	47.1	63.3
1950	36.8	49.5	53.0	60.6	68.8	74.1	82.9	85.9	78.3	60.3	54.6	53.7	63.3
1951	46.2	52.4	51.6	68.2	69.3	80.2	81.4	84.3	78.9	63.2	53.7	45.0	64.6
1952	45.0	50.9	53.3	65.6	70.1	69.8	84.0	81.1	80.6	71.9	46.3	47.4	63.9
1953	51.5	51.4	53.3	58.8	62.3	66.2	79.7	77.5	76.6	64.8	54.3	47.7	62.1
1954	45.6	50.8	53.6	59.4	68.2	66.9	76.1	76.0	72.4	63.3	55.9	46.8	61.3
1955	43.7	48.3	48.9	53.1	64.5	71.9	73.6	80.7	74.1	62.3	48.3	46.5	59.7
1956	46.4	41.6	51.3	62.2	69.9	68.6	82.8	79.7	76.5	61.2	50.5	45.0	61.4
1957	37.6	49.3	53.1	61.1	67.5	72.9	78.1	77.5	79.9	63.1	52.6	48.6	61.8
1958	47.2	54.4	53.9	58.6	73.0	73.7	86.0	86.7	75.4	67.5	53.5	51.0	65.2
1959	47.6	48.8	54.3	61.2	63.5	71.4	83.7	81.2	70 0	64.0	53.6	45.4	62.1
1960	41.3	49.1	53.3	59.3	62.0	75.2	85.2	78.0	75.7	65.3	52.8	45.6	61.9
1961	50.2	52.7	53.4	59.0	63.5	77.3	81.7	84.8	72.1	63.6	49.8	47.0	63.0
1962	43.8	48.8	51.4	62.5	59.5	72.6	80.5	78.2	76.1	61.7	54.4	47.3	61.4
1963	41.5	56.1	53.8	54.6	66.7	70.3	74.0	78.7	77.4	64.3	52.4	45.4	61.3
1964	47.0	49.9	51.7	57.0	63.0	69.0	78.5	77.2	73.3	66.3	48.1	45.6	60.6
1965	44.1	50.5	59.0	61.3	64.6	72.3	82.6	79.9	74.9	65.8	54.2	43.6	62.8
1966	45.0	48.9	52.5	63.0	69.1	73.7	78.5	81.6	76.0	64.2	53.9	49.1	63.0
1967	48.8	52.6	52.0	54.7	68.2	76.9	83.9	88.9	82.1	63.1	54.0	46.5	64.4
1968	45.5	56.5	56.5	58.9	64.8	72.8	81.4	76.2	72.7	61.8	52.9	44.3	62.0
1969	39.9	46.1	57.7	58.8	70.1	74.5	78.9	79.0	74.8	60.4	52.6	46.9	61.7
1970	45.7	54.3	55.6	55.9	66.6	77.4	82.2	81.8	72.0	63.1	54.0	45.1	62.9
1971	44.1	48.5	50.2	58.0	66.5	67.5	80.9	83.1	72.0	61.0	50.5	44.5	60.7
1972	44.5	50.6	56.7	55.4	69.0	73.1	84.8	84.9	72.7	65.2	53.6	42.1	62.8
1973	44.8	52.5	53.2	60.8	70.1	73.4	82.9	78.9	75.1	62.0	49.3	48.9	62.7
1974	43.6	47.3	54.0	57.5	63.6	74.6	77.5	82.2	83.6	68.1	53.4	48.9	62.9
1975	48.1	48.1	52.1	54.5	65.9	71.6	79.8	76.0	80.6	60.5	51.9	48.2	61.5
1976	47.4	49.3	52.2	57.3	67.1	69.9	79.1	76.1	76.5	66.5	55.6	43.6	61.7
1977	46.5	54.5	52.5	62.9	61.8	74.6	78.8	85.7	70.8	64.1	51.2	48.9	62.7
1978	46.6	51.7	59.2	57.8	63.5	75.0	80.7	80.0	69.9	67.1	48.9	43.0	62.0
1979	37.5	47.1	58.3	59.2	68.0	75.7	82.0	78.8	76.5	67.4	51.2	49.9	62.7
1980	44.8	50.8	53.8	62.0	64.9	67.9	80.6	79.4	76.5	67.1	54.3	48.5	62.6
1981	47.1	50.0	56.9	59.4	64.6	70.2	79.6	84.8	77.2	61.8	54.4	48.7	63.0
1982	43.0	49.3	54.4	57.7	68.1	74.3	77.8	81.0	74.0	64.3	49.5	46.8	61.8
1983	48.2	52.1	56.3	61.0	69.5	70.0	73.9	79.6	73.0	63.4	53.4	40.7	61.8
1984	48.7	52.2	57.9	57.2	63.6	69.7	81.1	81.3	74.6	59.0	51.2	43.8	61.7
1985	42.5	48.5	53.1	62.2	67.3	75.3	87.1	80.9	71.6	63.8	44.8	40.1	61.4
1951-1980 Average													
	45.1	50.4	53.8	59.3	66.2	72.6	80.7	80.5	75.5	64.3	52.3	46.5	62.3

Average Minimum Temperature, Corvallis, Oregon (Deg F)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	31.1	33.7	35.5	38.3	44.9	52.2	51.3	51.8	47.3	41.8	37.1	31.0	41.3
1949	22.0	33.5	39.7	41.7	46.6	49.2	50.9	52.0	50.4	38.7	41.2	35.3	41.8
1950	25.9	33.1	37.5	39.5	42.6	50.1	52.4	52.0	48.6	46.1	40.5	42.5	42.6
1951	34.5	36.9	34.0	39.2	44.6	48.5	50.5	49.5	48.3	44.9	39.5	33.5	42.0
1952	33.9	35.9	37.8	40.5	43.9	46.4	49.6	48.6	46.5	41.6	30.5	34.2	40.8
1953	41.0	35.1	35.6	39.4	43.6	46.9	49.3	52.3	49.8	41.2	39.8	35.8	42.5
1954	33.0	32.6	31.7	38.5	43.4	47.4	49.4	50.1	46.2	38.6	41.1	32.7	40.4
1955	32.1	31.1	32.8	35.6	39.9	47.1	48.7	47.1	45.5	43.0	36.3	34.9	39.6
1956	35.4	30.2	35.7	39.0	46.0	46.6	50.8	50.6	47.1	40.8	32.7	33.8	40.8
1957	25.8	34.5	39.5	40.8	47.5	49.5	49.1	48.4	48.8	42.3	31.2	36.7	41.2
1958	34.7	41.2	34.6	40.9	46.7	53.6	54.5	52.7	48.6	41.5	38.9	38.2	43.8
1959	35.9	33.6	35.8	39.1	42.7	49.0	51.4	49.2	47.8	43.9	34.1	33.5	41.4
1960	29.7	34.4	35.8	39.7	42.7	47.9	49.2	49.2	46.9	41.7	37.2	31.8	40.5
1961	36.1	39.2	38.2	40.2	44.9	49.6	50.9	52.6	45.1	40.6	33.5	35.1	42.2
1962	29.5	33.8	35.2	40.6	42.4	45.5	48.7	50.0	48.5	43.5	39.3	35.9	41.1
1963	26.7	39.0	35.5	38.9	43.8	48.1	50.0	51.6	51.1	43.0	39.7	32.2	41.6
1964	34.6	31.9	34.9	37.8	40.3	47.5	50.7	50.4	43.9	40.7	35.6	34.8	40.3
1965	35.0	35.9	35.9	40.7	40.8	46.2	50.5	53.1	46.1	43.8	41.4	32.6	41.9
1966	34.2	32.6	36.6	39.3	42.2	48.3	50.9	50.7	49.7	40.9	39.7	38.5	42.0
1967	37.5	33.6	35.3	34.8	41.8	49.9	50.4	52.9	48.8	42.6	39.7	35.4	41.9
1968	33.9	39.6	37.7	35.7	42.7	48.1	50.6	51.9	48.0	40.1	38.3	32.4	41.6
1969	28.8	32.2	34.1	37.6	45.5	53.6	49.7	47.8	48.9	41.3	37.3	35.9	41.1
1970	36.2	35.4	36.5	36.9	42.2	50.2	50.0	48.8	45.4	39.4	37.8	34.0	41.1
1971	34.5	33.3	34.5	37.8	42.6	46.5	50.6	51.9	45.5	39.4	37.1	33.4	40.6
1972	32.4	34.9	39.9	36.8	44.0	50.0	52.0	52.6	46.2	40.4	40.1	26.8	41.4
1973	31.1	36.8	36.3	38.8	43.5	49.6	51.0	48.6	50.0	42.8	38.3	38.5	42.1
1974	29.2	34.6	37.2	40.3	42.4	48.4	51.5	51.8	48.2	36.9	38.5	37.1	41.4
1975	36.8	33.5	35.7	35.0	42.4	46.7	51.1	50.4	46.6	43.5	35.5	36.0	41.2
1976	34.7	32.6	34.5	38.0	41.2	44.4	50.4	52.2	49.3	40.8	38.1	31.3	40.6
1977	27.8	34.4	34.7	37.6	41.3	47.6	49.1	53.5	47.8	43.2	37.0	38.8	41.1
1978	37.0	39.8	40.0	42.1	44.2	50.9	52.7	53.1	49.6	40.4	30.9	29.6	42.5
1979	25.7	36.0	38.5	41.3	43.1	46.4	50.9	50.8	50.0	45.9	36.1	37.1	41.9
1980	29.9	35.4	37.5	40.1	43.0	48.2	52.5	47.3	47.2	41.4	39.8	37.2	41.6
1981	34.1	35.5	36.8	40.6	44.2	48.3	51.3	51.9	47.3	40.9	39.8	37.1	42.4
1982	32.8	34.9	35.6	36.4	42.6	51.1	51.4	51.7	49.3	42.5	34.5	35.3	41.5
1983	36.3	39.2	42.3	39.3	44.6	48.8	52.1	53.5	47.8	40.4	41.9	31.1	43.1
1984	35.1	35.7	40.3	38.9	42.7	46.6	51.1	49.3	47.4	41.8	39.0	31.9	41.6
1985	28.1	31.9	33.9	41.9	42.8	47.4	52.3	50.0	45.8	40.6	31.5	25.5	39.3
1951-1980 Average													
	32.9	35.0	36.1	38.8	43.2	48.3	50.6	50.7	47.7	41.7	37.2	34.6	41.4

Average Monthly Temperature, Corvallis, Oregon (Deg F)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	40.3	41.3	44.7	47.2	55.6	65.2	65.1	64.4	61.5	52.2	44.1	37.0	51.6
1949	30.3	41.2	47.8	54.0	59.3	63.0	65.1	65.5	63.4	49.9	49.7	41.2	52.6
1950	31.3	41.9	45.3	50.1	55.7	62.1	67.7	69.0	63.4	53.2	47.5	48.1	52.9
1951	40.4	44.6	42.8	53.7	57.0	64.3	66.0	66.9	63.6	54.1	46.6	39.3	53.3
1952	39.5	43.4	45.5	53.1	57.0	58.1	66.8	64.8	63.6	56.8	38.4	40.8	52.3
1953	46.3	43.2	44.4	49.1	53.0	56.5	64.5	64.9	63.2	53.0	47.0	41.7	52.3
1954	39.3	41.7	42.7	49.0	55.8	57.1	62.8	63.0	59.3	51.0	48.5	39.8	50.9
1955	37.9	39.7	40.9	44.3	52.2	59.5	61.2	63.9	59.8	52.7	42.3	40.7	49.7
1956	40.9	35.9	43.5	50.6	58.0	57.6	66.8	65.2	61.8	51.0	41.6	39.4	51.1
1957	31.7	41.9	46.3	51.0	57.5	61.2	63.6	62.9	64.3	52.7	41.9	42.7	51.5
1958	41.0	47.8	44.2	49.8	59.9	63.6	70.2	69.7	62.0	54.5	46.2	44.6	54.5
1959	41.7	41.2	45.1	50.1	53.1	60.2	67.5	65.2	58.9	54.0	43.9	39.4	51.8
1960	35.5	41.8	44.5	49.5	52.3	61.5	67.2	63.6	61.3	53.5	45.0	38.7	51.2
1961	43.1	45.9	45.8	49.6	54.2	63.4	66.3	68.7	58.6	52.1	41.7	41.1	52.6
1962	36.6	41.3	43.3	51.5	50.9	59.0	64.6	64.1	62.3	52.6	46.9	41.6	51.3
1963	34.1	47.5	44.6	46.8	55.3	59.2	62.0	65.2	64.3	53.7	46.1	38.8	51.5
1964	40.8	40.9	43.3	47.4	51.6	58.3	64.6	63.8	58.6	53.5	41.8	40.2	50.4
1965	39.6	43.2	47.4	51.0	52.7	59.2	66.5	66.5	60.5	54.8	47.8	38.1	52.3
1966	39.6	40.7	44.6	51.1	55.6	61.0	64.7	66.1	62.9	52.6	46.8	43.8	52.5
1967	43.1	43.1	43.7	44.7	55.0	63.4	67.1	70.9	65.5	52.8	46.8	41.0	53.2
1968	39.7	48.2	47.1	47.3	53.7	60.4	66.0	64.0	60.4	50.9	45.6	38.4	51.8
1969	34.3	39.1	45.9	48.2	57.8	64.1	64.3	63.4	61.9	50.9	45.0	41.4	51.4
1970	41.0	44.8	46.1	46.4	54.4	63.8	66.1	65.3	58.7	51.3	45.9	39.5	52.0
1971	39.3	40.9	42.4	47.9	54.6	57.0	65.8	67.5	58.8	50.2	43.8	39.0	50.7
1972	38.5	42.7	48.3	46.1	56.5	61.6	68.4	68.7	59.5	52.8	46.8	34.5	52.1
1973	37.9	44.7	44.8	49.8	56.8	61.5	67.0	63.7	62.5	52.4	43.8	43.7	52.4
1974	36.4	41.0	45.6	48.9	53.0	61.5	64.5	67.0	65.9	52.5	46.0	43.0	52.2
1975	42.4	40.8	43.9	44.7	54.2	59.2	65.5	63.2	63.6	52.0	43.7	42.1	51.3
1976	41.0	40.9	43.3	47.7	54.1	57.2	64.8	64.1	62.9	53.6	46.8	37.4	51.2
1977	37.2	44.4	43.6	50.3	51.6	61.1	64.0	69.6	59.3	53.6	44.1	43.9	51.9
1978	41.8	45.8	49.6	50.0	53.9	63.0	66.7	66.5	59.8	53.8	39.9	36.3	52.3
1979	31.6	41.6	48.4	50.3	55.6	61.1	66.5	64.8	63.2	56.6	43.7	43.5	52.3
1980	37.4	43.1	45.7	51.1	53.9	58.0	66.5	63.3	61.8	54.2	47.0	42.9	52.1
1981	40.6	42.7	46.9	50.0	54.4	59.2	65.5	68.3	62.3	51.4	47.1	42.9	52.7
1982	37.9	42.1	45.0	47.0	55.4	62.7	64.6	66.4	61.7	53.4	42.0	41.0	51.7
1983	42.2	45.7	49.3	50.1	57.0	59.4	63.0	66.6	61.6	51.9	47.6	35.9	52.5
1984	41.9	44.0	49.1	48.1	53.1	58.2	66.1	65.3	61.0	50.4	45.1	37.9	51.6
1985	35.3	40.2	43.5	52.0	55.0	61.3	69.7	65.6	58.7	52.2	38.1	32.8	50.4
1951-1980 Average													
	39.0	42.7	44.9	49.0	54.7	60.4	65.6	65.6	61.6	53.0	44.7	40.6	51.9

Extreme Maximum Temperature, Corvallis, Oregon (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	57	63	68	70	83	93	90	87	97	75	58	54	97
1949	48	64	63	80	91	91	95	93	93	73	71	59	95
1950	52	64	66	79	84	94	93	99	96	76	62	66	99
1951	57	63	65	82	84	97	99	99	95	80	64	55	99
1952	57	62	66	80	89	82	99	100	95	88	55	60	100
1953	58	58	71	72	84	78	92	94	90	80	66	58	94
1954	59	61	62	77	85	82	85	86	85	71	72	59	86
1955	54	58	60	74	77	95	89	94	100	76	66	61	100
1956	56	52	65	81	92	84	104	94	91	83	60	57	104
1957	51	61	65	85	83	83	87	88	94	76	59	59	94
1958	60	63	64	76	86	93	103	96	98	87	70	63	103
1959	58	56	65	74	81	86	100	97	90	75	64	58	100
1960	60	56	70	74	76	88	100	102	92	84	64	61	102
1961	58	60	65	70	85	97	103	97	88	80	58	55	103
1962	60	59	66	78	69	83	96	90	92	75	67	58	96
1963	55	64	66	70	92	93	87	94	94	76	62	53	94
1964	56	59	70	69	81	82	94	93	83	84	60	61	94
1965	55	62	70	76	80	86	99	101	88	81	62	58	101
1966	53	58	69	77	86	98	94	92	92	85	64	57	98
1967	56	62	67	66	85	91	99	99	98	74	69	58	99
1968	61	68	67	81	78	92	94	98	90	74	61	57	98
1969	59	55	74	70	87	97	93	90	91	73	69	60	97
1970	59	62	64	65	85	95	96	97	86	89	70	58	97
1971	64	62	61	72	88	86	95	101	86	81	58	52	101
1972	54	61	72	70	88	87	98	105	96	81	62	60	105
1973	56	63	61	73	88	92	99	88	97	72	62	56	99
1974	58	54	68	70	77	92	95	96	97	82	68	59	97
1975	61	58	62	67	82	87	95	87	93	89	72	58	95
1976	57	61	65	71	83	88	92	89	90	87	68	58	92
1977	60	64	65	77	70	86	92	104	87	71	62	61	104
1978	54	62	76	75	85	92	99	103	80	81	63	53	103
1979	53	56	70	77	85	91	102	93	92	86	63	63	102
1980	56	60	64	79	77	79	98	92	93	92	69	66	98
1981	58	64	66	79	80	87	98	108	98	74	66	57	108
1982	55	62	65	80	86	97	90	97	93	77	57	59	97
1983	60	58	63	74	96	86	91	93	82	73	62	52	96
1984	63	62	69	76	84	85	95	94	87	84	59	49	95
1985	53	62	61	78	84	94	99	93	88	81	66	50	99
1951-1980 Average and Standard Deviation													
Ave	57.2	60.0	66.5	74.3	82.9	88.7	95.9	95.3	91.4	80.4	64.3	58.4	98.5
S. D.	2.88	3.43	3.87	4.98	5.56	5.66	4.90	5.26	4.70	5.92	4.40	3.06	4.21

Extreme Minimum Temperature, Corvallis, Oregon (F)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	21	20	26	28	35	43	44	43	36	29	28	19	19
1949	12	20	30	32	33	38	42	45	39	27	32	27	12
1950	-1	1	27	32	34	33	45	43	36	33	28	35	-1
1951	18	27	25	31	36	41	45	42	38	34	29	22	18
1952	21	24	29	31	32	36	43	41	36	33	15	26	15
1953	31	25	26	29	34	38	43	44	37	33	28	28	25
1954	17	25	25	25	29	40	40	43	36	27	31	23	17
1955	27	21	22	29	33	35	39	38	35	35	14	21	14
1956	21	17	23	28	34	38	41	43	39	32	22	15	15
1957	7	28	31	30	37	40	42	39	36	33	22	24	7
1958	25	27	26	32	33	41	45	47	35	33	22	25	22
1959	18	24	28	28	34	43	43	41	38	30	18	22	18
1960	21	23	21	29	32	38	39	41	37	32	30	22	21
1961	24	28	30	32	38	37	45	43	34	30	21	19	19
1962	11	17	28	30	33	36	42	41	42	35	29	20	11
1963	13	30	26	30	35	40	42	45	44	30	26	24	13
1964	30	24	30	28	29	39	39	40	37	29	25	10	10
1965	29	30	28	29	32	37	43	42	36	33	29	21	21
1966	25	27	28	31	33	33	42	43	43	29	29	29	25
1967	30	28	28	29	33	41	45	45	43	36	30	23	23
1968	23	25	27	24	34	36	42	44	40	34	28	10	10
1969	12	24	27	29	35	48	42	42	38	34	23	24	12
1970	23	29	28	28	31	41	39	42	33	28	28	26	23
1971	20	25	12	31	34	38	42	45	35	25	24	23	12
1972	16	19	28	30	35	43	45	40	32	27	29	-7	-7
1973	20	27	31	29	34	33	43	37	41	34	27	30	20
1974	9	28	26	30	34	40	44	43	38	32	28	28	9
1975	25	25	29	27	31	40	44	40	38	32	28	25	25
1976	25	24	26	31	33	33	39	43	42	31	23	23	23
1977	16	22	28	29	33	37	41	46	40	36	25	26	16
1978	27	30	29	32	31	44	43	45	40	28	18	14	14
1979	12	13	32	33	33	36	43	44	39	36	28	29	12
1980	13	26	29	31	34	40	44	40	41	33	29	25	13
1981	27	27	27	31	33	40	40	41	38	32	29	28	27
1982	16	19	29	29	33	39	42	43	38	34	26	22	16
1983	23	28	33	30	36	42	41	45	37	30	32	11	11
1984	21	28	31	32	32	39	44	42	35	34	29	16	16
1985	24	19	28	32	28	37	46	40	36	31	15	18	15
1951-1980 Average and Standard Deviation													
Ave	20.3	24.7	26.9	29.5	33.3	38.7	42.3	42.3	38.1	31.8	25.3	21.7	15.9
S. D.	6.64	4.08	3.78	1.98	1.99	3.39	1.97	2.37	3.07	2.93	4.59	7.38	6.80

Monthly Precipitation, Corvallis, Oregon (Inches)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	7.08	5.10	3.86	2.64	2.67	0.39	0.70	0.06	1.87	2.34	5.97	7.46	40.14
1949	1.74	10.58	2.19	0.55	2.06	0.68	0.03	0.27	1.56	1.72	4.89	4.19	30.46
1950	12.17	5.23	4.16	0.99	0.65	0.88	0.21	0.76	0.97	9.70	7.73	5.13	48.58
1951	7.36	4.62	4.16	0.65	1.32	0.02	0.11	0.08	1.23	6.78	5.84	6.13	38.30
1952	5.08	5.54	1.75	0.92	0.35	3.84	0.00	0.16	0.40	1.02	1.49	7.13	27.68
1953	12.23	5.43	4.50	1.97	3.31	1.83	T	1.74	0.49	3.93	6.96	7.82	50.21
1954	11.86	5.25	2.91	2.71	0.78	3.11	0.53	0.64	1.60	3.56	5.86	6.92	45.73
1955	3.09	2.29	6.12	4.91	1.01	0.85	0.62	0.00	1.97	6.59	7.32	12.64	47.41
1956	11.89	5.48	5.89	0.93	1.98	1.14	0.02	0.34	1.12	5.86	1.38	4.56	40.59
1957	2.78	4.89	7.01	2.11	3.21	1.07	0.17	0.22	1.50	3.14	2.81	10.38	39.29
1958	8.15	7.81	2.55	3.66	1.12	2.91	0.02	0.02	1.30	2.54	8.49	4.15	42.72
1959	10.52	4.56	3.99	0.84	2.20	1.31	0.32	T	1.60	1.57	2.58	3.35	32.84
1960	4.38	6.49	7.18	3.29	3.92	0.22	T	0.64	0.52	2.52	10.50	3.32	42.98
1961	4.80	9.91	7.46	2.23	2.05	0.41	0.59	0.33	1.18	3.84	5.79	5.58	44.17
1962	1.21	3.82	6.37	2.90	2.31	0.39	0.00	0.57	1.60	4.62	7.89	2.90	34.58
1963	1.64	5.23	6.30	4.64	3.94	0.96	0.52	0.65	0.94	2.77	7.04	3.91	38.54
1964	11.68	0.79	4.33	1.61	0.55	0.88	0.57	0.23	0.31	1.25	9.23	13.27	44.70
1965	11.45	1.56	0.59	2.00	1.08	0.52	0.39	0.98	0.04	2.12	8.70	7.69	37.12
1966	10.21	1.78	7.21	0.95	0.49	0.76	0.49	0.27	1.71	3.18	5.27	7.67	39.99
1967	9.50	1.78	4.23	1.60	0.85	0.77	0.00	T	0.84	6.19	3.46	6.32	35.54
1968	7.14	7.11	3.91	1.51	3.45	0.79	0.34	5.24	1.99	6.32	6.52	14.42	58.74
1969	9.35	4.27	1.81	1.94	1.64	2.46	0.05	T	3.62	3.91	2.86	11.59	43.50
1970	15.51	5.97	2.29	2.66	1.12	0.53	0.12	T	1.07	4.04	7.30	12.47	53.08
1971	10.71	5.35	6.16	4.38	2.33	2.48	0.02	0.48	3.10	2.80	9.21	10.13	57.15
1972	10.10	5.13	6.46	4.27	2.36	1.01	0.08	0.24	2.28	0.88	4.92	9.33	47.06
1973	5.56	1.65	3.63	1.75	0.85	1.38	0.02	0.70	2.52	2.70	18.28	12.40	51.44
1974	11.59	7.52	8.87	2.39	1.46	0.61	1.81	0.00	0.07	1.41	6.88	8.15	50.76
1975	4.66	5.48	4.64	2.40	2.07	1.14	0.62	1.68	0.00	4.30	5.51	6.47	38.97
1976	6.59	6.71	4.45	1.98	1.14	0.47	0.90	2.08	1.27	1.25	1.42	1.47	29.73
1977	0.96	2.97	5.09	1.02	3.43	1.13	0.12	1.89	3.58	2.58	8.11	11.03	41.91
1978	7.34	4.28	2.15	4.94	3.61	0.94	0.29	2.34	3.40	0.98	3.14	4.23	37.64
1979	2.57	8.35	2.89	2.93	2.11	0.38	0.43	2.67	2.15	7.21	4.11	6.26	42.06
1980	6.69	3.88	4.02	3.63	1.46	1.75	0.24	0.01	0.96	1.87	6.29	11.33	42.13
1981	2.27	4.44	3.00	2.37	2.99	2.58	0.10	0.01	3.09	5.52	6.73	13.98	47.09
1982	7.21	7.12	3.54	4.57	0.49	1.51	0.43	0.28	1.89	3.64	5.51	10.56	46.75
1983	6.91	10.31	8.78	3.01	1.51	1.39	2.55	2.21	0.53	1.05	9.93	7.35	55.53
1984	3.26	6.92	3.82	3.41	3.67	4.34	0.20	T	0.74	4.65	13.55	4.01	48.57
1985	0.25	3.65	4.94	1.05	0.94	2.22	0.54	0.48	0.78	3.89	4.69	3.72	27.15
1951-1980 Average													
	7.55	4.86	4.63	2.46	1.92	1.20	0.31	0.81	1.48	3.39	6.17	7.77	42.55

Corvallis, Oregon

Number of days with measurable precipitation

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	11	17	19	21	16	3	4	3	9	12	21	22	158
1949	5	21	21	7	10	4	2	2	9	12	15	20	128
1950	26	19	23	17	7	8	2	3	3	24	17	22	171
1951	23	19	18	3	9	1	3	3	5	17	16	19	136
1952	22	17	19	7	7	13	0	1	1	5	6	20	118
1953	26	15	19	12	20	10	0	9	4	10	23	22	170
1954	24	12	8	11	7	16	6	10	7	11	21	22	155
1955	21	16	20	21	10	7	6	0	7	14	23	24	169
1956	28	19	21	5	10	9	1	3	4	18	7	21	146
1957	18	16	22	12	14	6	2	2	3	17	10	25	147
1958	19	23	18	22	9	14	1	2	9	5	21	24	167
1959	25	18	21	9	16	8	3	0	11	10	12	20	153
1960	21	21	21	18	21	1	0	9	4	13	21	15	165
1961	19	25	27	13	18	6	3	2	9	11	18	21	172
1962	14	18	18	9	18	3	0	6	6	13	22	12	139
1963	5	18	18	25	12	9	5	4	6	16	22	15	155
1964	28	11	21	12	9	10	5	8	3	12	19	28	166
1965	23	11	2	14	8	4	4	5	2	8	22	17	120
1966	22	17	20	8	4	9	3	3	9	12	20	22	149
1967	24	10	21	17	8	3	0	0	5	18	15	20	141
1968	19	12	22	13	16	7	3	15	8	19	20	27	181
1969	22	15	8	17	13	9	1	0	8	15	9	26	143
1970	24	12	11	18	8	7	1	0	7	11	20	23	142
1971	21	20	23	17	10	11	1	6	11	12	21	24	177
1972	16	20	24	21	7	6	2	3	11	6	27	22	165
1973	21	12	19	9	11	8	1	3	9	18	28	29	168
1974	19	26	22	17	14	4	8	0	2	7	16	23	158
1975	20	22	18	18	7	7	3	9	0	22	20	21	167
1976	17	18	17	16	14	6	6	8	4	9	11	8	134
1977	7	11	20	10	17	5	2	6	15	12	21	24	150
1978	25	19	12	22	18	8	3	13	14	5	12	18	169
1979	14	24	17	19	9	2	4	8	8	16	18	24	163
1980	16	24	19	15	12	12	1	1	10	15	25	23	173
1981	20	17	20	20	16	14	2	1	11	17	18	26	182
1982	22	17	14	16	4	9	5	4	13	16	17	23	160
1983	24	24	23	14	10	12	14	4	7	9	29	24	194
1984	15	18	21	19	19	12	1	0	7	23	24	21	180
1985	7	14	16	12	10	5	2	3	12	14	16	9	120
1951-1980 Average													
	20	18	18	14	12	7	2	4	7	12	18	21	154

Monthly averages do not sum to annual average due to rounding.

Corvallis, Oregon

Number of days with precipitation 0.10 inch or more

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	8	13	10	11	8	1	1	0	6	7	14	13	51
1949	2	15	8	2	5	2	0	1	3	6	9	13	66
1950	24	14	15	4	3	4	1	3	3	17	11	14	113
1951	13	11	10	1	6	0	0	0	4	13	13	15	86
1952	15	14	7	3	1	9	0	1	1	4	5	17	77
1953	23	13	15	5	11	5	0	4	3	5	14	16	114
1954	21	8	6	6	3	8	2	3	3	9	9	12	90
1955	10	8	15	16	3	3	2	0	3	12	14	21	107
1956	23	12	16	2	4	5	0	1	3	11	2	14	93
1957	9	9	17	9	8	3	1	1	2	8	7	18	92
1958	16	17	8	14	5	8	0	0	4	4	15	12	103
1959	11	10	10	2	9	3	1	0	5	6	5	8	70
1960	11	12	15	10	14	1	0	2	1	9	14	8	97
1961	12	17	20	7	8	1	2	2	4	9	10	11	103
1962	5	13	14	7	9	2	0	3	3	9	16	9	90
1963	5	11	11	14	5	4	3	2	3	5	14	11	88
1964	19	3	12	5	3	2	2	0	1	4	19	23	93
1965	17	4	1	4	4	3	2	2	0	6	15	13	71
1966	18	8	15	3	2	3	2	2	5	8	10	13	89
1967	16	6	14	5	2	3	0	0	2	11	7	10	76
1968	15	11	11	6	8	2	2	10	7	11	13	19	115
1969	18	7	4	8	4	6	0	0	5	9	4	21	86
1970	20	8	7	10	3	2	1	0	3	8	15	19	96
1971	18	11	17	7	6	5	0	2	7	9	13	17	112
1972	14	15	17	10	5	4	0	1	5	3	14	14	102
1973	12	5	10	7	2	3	0	2	9	8	23	19	100
1974	14	15	17	7	4	2	5	0	0	5	13	15	97
1975	13	16	12	8	4	5	3	5	0	13	12	13	104
1976	15	13	10	8	5	2	3	6	2	2	4	3	73
1977	4	8	12	3	10	4	0	5	8	9	15	17	95
1978	16	13	5	15	10	5	1	9	10	2	8	7	101
1979	5	17	9	10	7	2	2	4	3	12	11	12	94
1980	13	12	14	10	5	4	1	0	3	7	15	14	98
1981	8	9	10	6	8	6	0	0	6	11	13	20	97
1982	13	11	12	9	2	5	1	1	6	11	12	18	101
1983	15	22	19	11	6	5	5	2	1	3	21	16	126
1984	7	13	11	9	9	8	1	0	2	15	19	12	106
1985	0	9	10	5	1	2	1	2	3	8	11	5	57
1951-1980 Average													
	14	12	11	7	6	4	1	2	4	8	12	14	93

Monthly averages do not sum to annual average due to rounding.

Corvallis, Oregon

Number of days with precipitation 0.50 inch or more

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	4	3	3	1	1	0	1	0	1	1	4	6	25
1949	0	6	0	0	1	0	0	0	1	0	3	3	14
1950	10	4	1	0	0	0	0	0	1	7	6	3	32
1951	7	4	3	0	0	0	0	0	1	4	4	4	27
1952	2	3	0	0	0	1	0	0	0	0	0	3	9
1953	10	4	3	1	0	1	0	1	0	3	4	7	34
1954	8	4	3	2	0	3	0	0	1	2	2	7	32
1955	0	1	4	2	0	1	0	0	2	4	4	12	30
1956	6	1	3	0	1	0	0	0	1	4	1	2	19
1957	1	4	8	0	2	0	0	0	1	1	2	7	26
1958	6	5	1	0	0	1	0	0	1	1	7	3	25
1959	9	2	3	0	0	1	0	0	1	0	3	1	20
1960	3	4	5	1	2	0	0	0	0	1	9	3	28
1961	4	6	5	0	0	0	0	0	0	3	3	2	23
1962	0	2	2	2	0	0	0	0	1	5	6	2	20
1963	1	4	3	3	3	0	0	0	0	2	5	1	22
1964	7	0	2	1	0	0	0	0	0	0	7	9	26
1965	5	1	1	1	0	0	0	0	0	1	4	5	18
1966	4	0	5	0	0	0	0	0	1	3	4	5	22
1967	6	1	1	0	0	0	0	0	0	4	2	4	18
1968	5	6	2	0	2	0	0	2	1	6	6	11	41
1969	7	4	1	0	1	2	0	0	2	2	2	7	28
1970	16	3	1	1	0	0	0	0	1	5	6	8	41
1971	11	3	3	3	2	1	0	0	3	2	8	10	46
1972	6	3	3	3	2	0	0	0	3	0	2	8	30
1973	3	1	1	0	0	2	0	0	0	0	14	10	31
1974	6	8	8	1	0	0	1	0	0	0	5	6	35
1975	2	3	3	0	1	0	0	2	0	2	4	3	20
1976	4	4	4	0	0	0	0	1	1	1	0	1	16
1977	0	2	3	0	1	1	0	1	2	1	6	6	23
1978	4	2	1	2	2	0	0	0	2	0	2	4	19
1979	2	4	2	0	2	0	0	2	2	5	2	4	25
1980	6	2	1	4	1	1	0	0	0	1	5	7	28
1981	0	4	1	0	1	1	0	0	1	4	6	10	28
1982	6	8	1	5	0	0	0	0	1	2	3	9	35
1983	4	9	6	2	0	0	2	2	0	0	8	5	38
1984	3	5	2	2	2	4	0	0	1	3	11	2	35
1985	0	3	4	0	1	2	1	0	0	4	2	3	20
1951-1980 Average	5	3	3	1	1	0	0	0	1	2	4	5	26

Monthly averages do not sum to annual average due to rounding.

Corvallis, Oregon

Number of days with precipitation 1.00 inch or more

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	3	1	0	0	0	0	0	0	0	0	1	2	7
1949	0	4	0	0	1	0	0	0	0	0	1	0	6
1950	3	0	0	0	0	0	0	0	0	2	3	0	8
1951	0	0	1	0	0	0	0	0	0	2	2	2	7
1952	0	1	0	0	0	1	0	0	0	0	0	1	3
1953	3	2	0	0	0	0	0	0	0	1	3	2	11
1954	4	2	0	0	0	0	0	0	0	0	1	0	7
1955	0	0	0	0	0	0	0	0	0	2	2	4	8
1956	2	1	1	0	0	0	0	0	0	2	1	1	8
1957	0	0	0	0	0	0	0	0	1	0	0	3	4
1958	2	2	0	0	0	0	0	0	0	1	1	0	6
1959	4	1	0	0	0	0	0	0	0	0	0	1	6
1960	0	2	1	0	0	0	0	0	0	0	3	0	6
1961	0	2	1	0	0	0	0	0	0	1	1	1	6
1962	0	0	2	1	0	0	0	0	0	0	1	0	4
1963	0	2	2	0	2	0	0	0	0	1	1	0	8
1964	3	0	0	0	0	0	0	0	0	0	2	3	8
1965	3	0	0	0	0	0	0	0	0	0	3	3	9
1966	4	0	1	0	0	0	0	0	0	1	1	2	9
1967	3	0	0	0	0	0	0	0	0	2	1	2	8
1968	1	1	0	0	0	0	0	2	0	1	2	4	11
1969	2	1	0	0	0	0	0	0	1	0	1	4	9
1970	4	3	0	0	0	0	0	0	0	0	1	4	12
1971	3	1	1	1	0	1	0	0	1	0	2	1	11
1972	4	0	1	0	0	0	0	0	0	0	0	4	9
1973	1	0	0	0	0	0	0	0	0	0	7	3	11
1974	3	0	2	0	0	0	0	0	0	0	2	1	8
1975	1	0	0	0	1	0	0	0	0	0	0	2	4
1976	1	1	0	0	0	0	0	0	0	0	0	0	2
1977	0	0	1	0	0	0	0	0	1	0	2	5	9
1978	1	0	0	0	1	0	0	0	0	0	0	2	4
1979	1	2	0	0	0	0	0	1	0	2	0	1	7
1980	2	0	1	0	0	0	0	0	0	0	0	5	8
1981	0	0	0	0	0	1	0	0	1	1	1	3	7
1982	2	2	0	0	0	0	0	0	0	1	1	2	8
1983	1	1	1	0	0	0	0	1	0	0	1	1	6
1984	0	1	0	0	0	1	0	0	0	0	3	0	5
1985	0	1	0	0	0	1	0	0	0	0	1	1	4
1951-1980 Average													
	2	1	0	0	0	0	0	0	0	0	1	2	7

Monthly averages do not sum to annual average due to rounding.

Monthly Snowfall, Corvallis, Oregon (Inches)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1948	0.0	0.0	T	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.5
1949	8.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3
1950	51.9	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	51.9
1951	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5
1952	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0
1953	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954	13.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	14.6
1955	T	T	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	T	10.3
1956	1.8	0.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	11.1
1957	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3
1960	3.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	1.0	1.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8
1963	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
1964	0.5	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	5.8
1965	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	6.2	6.2
1966	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
1967	T	T	T	T	T	0.0	0.0	0.0	0.0	0.0	0.3	1.3	1.6
1968	9.8	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	13.0
1969	24.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5
1970	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
1971	15.3	10.7	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	28.3
1972	T	T	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.3	9.8
1973	0.2	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.2
1974	0.4	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
1975	3.1	0.3	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	T	1.5	4.9
1976	0.0	T	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
1977	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	3.3
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9
1979	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
1980	2.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
1981	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9
1982	3.1	2.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.7
1984	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	T
1985	0.0	2.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	8.5	12.0
1951-1980 Average													
	2.8	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	5.9

YEAR	DATE OF OCCURRENCE OF : LAST SPRING DATE OF : (deg F) 20	24	28	32	36	FIRST AUTUMN DATE OF : (deg F) 36	32	28	24	20	# NUMBER OF SUMMER DAYS BETWEEN LAST AN FIRST OCCURRENCE OF 20	24	28	32
1949	FEB 13	FEB 13	FEB 13	APR 30	MAY 5	OCT 7	OCT 17	OCT 18	*	*	*	*	246	169
1950	FEB 4	FEB 4	MAR 12	APR 26	JUN 4	SEP 30	NOV 10	NOV 13	*	*	*	*	245	197
1951	JAN 30	JAN 31	MAR 10	APR 24	MAY 28	OCT 17	NOV 1	DEC 7	DEC 24	*	*	326	271	190
1952	*	FEB 21	FEB 21	MAY 4	JUN 1	SEP 10	NOV 2	NOV 8	NOV 23	NOV 23	*	275	260	181
1953	*	*	MAR 4	APR 11	MAY 25	OCT 3	NOV 2	NOV 3	*	*	*	*	243	204
1954	JAN 20	JAN 25	APR 29	MAY 1	MAY 27	SEP 28	OCT 2	OCT 26	DEC 18	*	*	326	179	153
1955	*	MAR 20	MAR 23	APR 27	JUN 16	SEP 26	NOV 12	NOV 12	NOV 12	NOV 14	*	236	233	198
1956	FEB 17	MAR 7	APR 5	APR 5	MAY 13	OCT 4	OCT 28	NOV 20	NOV 23	DEC 1	287	260	228	205
1957	JAN 30	JAN 31	FEB 18	APR 7	APR 25	SEP 20	NOV 1	NOV 4	NOV 4	*	*	276	258	207
1958	*	*	MAR 16	APR 5	MAY 14	SEP 23	NOV 15	NOV 16	NOV 28	*	*	*	244	223
1959	JAN 4	FEB 12	APR 6	APR 15	MAY 19	OCT 17	OCT 29	NOV 6	NOV 6	NOV 14	313	266	213	196
1960	*	MAR 3	MAR 4	MAY 22	MAY 22	OCT 9	OCT 29	DEC 5	DEC 9	*	*	280	275	159
1961	*	JAN 22	FEB 26	APR 10	APR 26	SEP 22	OCT 8	NOV 6	NOV 17	DEC 11	*	298	252	180
1962	FEB 27	FEB 27	MAR 13	APR 10	JUN 4	OCT 5	NOV 23	DEC 25	DEC 25	DEC 26	301	300	286	226
1963	JAN 27	JAN 30	MAR 13	APR 2	MAY 13	OCT 19	OCT 19	NOV 29	DEC 13	*	*	316	260	199
1964	*	FEB 26	APR 17	MAY 6	MAY 14	OCT 16	OCT 17	NOV 6	DEC 17	DEC 17	*	294	202	163
1965	*	*	MAR 19	MAY 6	MAY 14	SEP 19	NOV 25	DEC 13	DEC 16	*	*	*	268	202
1966	*	*	MAR 3	APR 27	JUN 1	OCT 12	OCT 13	*	*	*	*	*	*	168
1967	*	*	MAR 6	APR 30	MAY 10	OCT 20	NOV 23	DEC 12	DEC 16	*	*	*	280	206
1968	*	APR 13	APR 19	APR 24	JUN 12	OCT 4	NOV 4	NOV 15	DEC 20	DEC 30	*	250	209	193
1969	JAN 29	FEB 7	MAR 14	APR 20	MAY 4	OCT 6	NOV 26	NOV 27	NOV 28	*	*	293	257	219
1970	*	JAN 6	APR 2	MAY 7	MAY 13	SEP 14	OCT 7	OCT 29	*	*	*	*	209	152
1971	MAR 2	MAR 2	MAR 8	APR 24	MAY 21	SEP 23	OCT 17	OCT 28	NOV 6	*	*	248	233	175
1972	FEB 3	FEB 4	MAR 29	APR 30	MAY 10	SEP 26	SEP 27	OCT 30	DEC 4	DEC 6	306	303	214	149
1973	JAN 7	JAN 27	FEB 19	APR 30	JUN 1	OCT 2	NOV 2	NOV 3	*	*	*	*	256	185
1974	JAN 12	JAN 13	MAR 9	APR 12	MAY 30	OCT 5	OCT 8	NOV 30	*	*	*	*	265	178
1975	*	*	APR 6	MAY 20	MAY 21	OCT 31	OCT 31	NOV 12	*	*	*	*	219	163
1976	*	FEB 5	MAR 12	APR 23	JUN 13	OCT 19	OCT 20	NOV 26	NOV 28	*	*	296	258	179
1977	JAN 30	FEB 4	MAR 14	APR 18	MAY 12	OCT 27	NOV 4	NOV 8	*	*	*	*	238	199
1978	*	*	JAN 3	MAY 5	MAY 23	OCT 22	OCT 22	OCT 26	NOV 12	NOV 13	*	*	295	169
1979	FEB 3	FEB 3	FEB 3	MAR 22	JUN 7	OCT 17	NOV 14	NOV 15	*	*	*	*	284	236
1980	JAN 31	JAN 31	FEB 12	APR 3	MAY 16	OCT 22	NOV 11	DEC 8	*	*	*	*	299	221
1981	*	*	MAR 5	APR 6	MAY 12	OCT 11	OCT 21	DEC 30	*	*	*	*	299	197
1982	FEB 10	FEB 11	FEB 11	APR 29	MAY 26	OCT 20	NOV 2	NOV 11	DEC 30	*	*	321	272	186
1983	*	JAN 31	FEB 5	APR 14	MAY 10	OCT 1	OCT 16	DEC 20	DEC 21	DEC 21	*	323	317	184
1984	*	JAN 21	FEB 4	MAY 6	MAY 16	SEP 24	NOV 26	DEC 6	DEC 19	DEC 19	*	332	305	203
1985	FEB 5	FEB 5	MAY 11	MAY 12	MAY 14	SEP 30	OCT 13	NOV 12	NOV 13	NOV 23	290	280	184	153
	* DID NOT OCCUR FROM JAN 1 TO JUN 30					* DID NOT OCCUR FROM JUL 1 TO DEC 31					* NOT CALCULABLE			

- Includes only days in between dates: JUL 24 - JUL 26 = 1 day

Probability that latest spring value will have occurred by indicated date

Temp. (F)	10%	20%	30%	40%	50%	60%	70%	80%	90%
20	*	*	*	*	Jan 6	Jan 26	Jan 30	Feb 3	Feb 13
24	*	*	Jan 19	Jan 30	Feb 1	Feb 5	Feb 11	Feb 25	Mar 4
28	Feb 12	Feb 20	Mar 4	Mar 6	Mar 11	Mar 13	Mar 17	Apr 1	Apr 7
32	Apr 5	Apr 8	Apr 12	Apr 20	Apr 24	Apr 27	Apr 30	May 4	May 7
36	May 5	May 12	May 14	May 15	May 21	May 25	May 29	Jun 2	Jun 8

* - Either before Jan. 1 or not at all during winter

Probability that earliest autumn value will have occurred by indicated date

Temp. (F)	10%	20%	30%	40%	50%	60%	70%	80%	90%
36	Sep 20	Sep 24	Sep 29	Oct 5	Oct 6	Oct 11	Oct 17	Oct 20	Oct 22
32	Oct 8	Oct 17	Oct 20	Oct 29	Oct 31	Nov 2	Nov 4	Nov 12	Nov 23
28	Oct 28	Nov 3	Nov 6	Nov 9	Nov 12	Nov 16	Nov 28	Dec 7	Dec 14
24	Nov 11	Nov 24	Nov 29	Dec 13	Dec 18	Dec 25	*	*	*
20	Nov 23	Dec 13	*	*	*	*	*	*	*

* - Either after Dec. 31 or not at all during winter

Probability that number of days between last spring occurrence and first autumn occurrence will exceed indicated value

Temp. (F)	10%	20%	30%	40%	50%	60%	70%	80%	90%
20 (4)	*	*	*	*	*	*	*	*	*
24 (18)	324	315	300	297	294	279	274	261	249
28 (33)	288	275	267	259	256	245	235	220	209
32 (34)	231	206	200	197	192	181	177	168	158
36 (34)	158	154	150	146	138	131	127	123	113

* - Not enough occurrences for a meaningful value
( ) - Sample size, out of 34 possible years

Period used to derive these tables : Jan 1949 through Dec 1982

MONTHLY EVAPORATION FOR THE CROP SEASON
From standard Weather Bureau Class "A"
open pan (inches)

YEAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1953	.73	2.64	3.43	6.77	5.48	4.13	1.65
1954	3.01	4.19	3.43	5.06	3.77	2.70	1.34
1955	1.16	4.44	5.04	5.30	6.72	4.25	1.30
1956	2.99	4.52	4.53	7.74	5.72	4.26	1.66
1957	2.71	3.43	4.62	7.05	5.87	5.07	1.55
1958	1.11	5.20	4.51	8.29	8.31	4.80	2.54
1959	2.80	3.27	5.00	9.13	8.11	3.57	1.84
1960	2.37	2.90	7.27	9.89	6.87	4.72	2.30
1961	2.01	2.33	6.97	8.53	7.06	4.55	1.97
1962	3.24	3.26	6.87	8.13	6.74	5.01	1.05
1963	2.61	4.31	5.20	6.52	8.16	4.68	1.63
1964	2.75	4.25	4.75	6.77	6.20	4.56	2.26
1965	2.86	4.96	6.31	8.96	6.35	6.57	2.04
1966	3.99	6.16	7.49	8.31	8.77	4.69	2.62
1967	2.61	5.61	6.69	9.08	8.69	6.49	2.18
1968	M	3.83	6.17	8.35	5.39	3.96	1.61
1969	2.73	5.83	5.36	7.61	8.31	4.34	1.25
1970	3.21	4.87	7.08	9.36	8.19	4.86	2.81
1971	3.33	5.48	4.91	7.82	6.99	5.22	2.28
1972	2.23	5.58	6.00	10.27	8.42	5.40	3.15
1973	4.41	6.10	6.50	9.48	6.88	5.54	2.11
1974	2.70	4.16	6.99	6.82	8.92	6.97	3.22
1975	2.55	5.12	6.05	7.09	6.16	6.96	1.55
1976	2.64	4.85	5.97	7.61	5.58	5.03	2.71
1977	3.55	4.47	6.70	7.68	7.95	3.32	M
1978	2.63	3.55	5.41	6.57	5.82	2.70	2.10
1979	2.33	4.86	6.42	7.47	5.89	3.92	2.58
1980	2.82	3.77	4.52	8.17	7.09	5.20	3.19
1981	2.62	4.00	5.02	7.50	7.59	5.48	1.91
1982	3.35	5.98	5.74	6.93	6.62	4.52	2.14
1983	3.68	5.01	4.94	5.28	6.25	5.00	1.94
1984	2.64	3.71	4.87	8.43	7.51	4.64	1.42
1985	3.19	5.14	6.77	9.79	7.48	4.29	2.97
Mean	2.74	4.48	5.68	7.81	6.97	4.77	2.09

AVERAGE DAILY GLOBAL SOLAR RADIATION (Langleys per day)

Hyslop Crop Science Field Laboratory

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1960	91	197	271	389	459	664	678	524	406	234	128	91
1961	115	137	263	381	475	636	644	511	407	236	123	83
1962	116	178	308	455	533	504	684	514	411	265	119	81
1963	101	152	284	309	528	531	585	502	404	226	114	84
1970	68	171	274	318	479	522	555	457	308	198	93	59
1971	55	111	195	268	442	449	533	447	363	161	68	39
1972	73	109	201	261	424	454	521	423	311	204	115	81
1973	84	156	199	366	466	427	592	458	326	201	86	54
1974	110	118	210	328	423	528	488	471	369	229	87	59
1975	82	146	254	334	480	475	503	427	378	132	107	73
1976	84	128	185	235	378	450	502	359	306	199	102	63
1977	124	139	211	363	344	489	487	430	274	199	86	M
1978	77	111	261	302	399	494	466	390	259	230	122	72
1979	110	101	264	330	474	509	515	422	360	214	123	71
1980	108	137	229	359	392	416	512	449	341	225	95	67
1981	89	144	270	329	400	453	501	436	347	202	105	64
1982	84	154	265	376	483	417	444b	371	358	230	118	78m
1983	80a	136	186b	366	536	476	486e	492	414	232	85	67
1984	101	154	259	353	438	547d	687	547	362	183	97a	75k
1985	129	169a	290	392	498	616	640i	511	342	225a	111h	117
Mean	94	141	244	341	453	503	551	457	352	211	104	73

From 1980 through 1985, the number of missing days is indicated after the value with a letter: a - 1 missing day, b - 2 days, c - 3, etc.

Note: Robitzsch bimetallic pyranograph used since 1970. A comparison for 36 months from 1980-1982 with measurements five miles away from the SEMRTS program (Solar Energy Meteorological Research and Training site) indicates that Hyslop radiation values were 10 - 15 % too low during those months. After recalibration in 1983, the Hyslop instrument yielded values on average about 5 percent higher than the SEMRTS site (which ceased operation in June 1984).
Comparison with data from University of Oregon Solar Monitoring Laboratory in Eugene for 1984 and 1985 does not appear to show systematic differences greater than 1 percent.