

SI03
E 55
Cop. 2
no. 277
rev.

REVISED ED. AVAILABLE
(1978) PRINTED
IN MARCH 1979

Local Climatological Data For Oregon State University 1968

With Normals, Means, and Extremes

SPECIAL REPORT 277
REVISED JULY 1970



United States Department of Commerce
Environmental Science Services Administration
Weather Bureau

in cooperation with the
Agricultural Experiment Station
Oregon State University
Corvallis

CONTENTS

	Page No.
Preface.	1
Weather Station History.	3
Weather Records at Oregon State University	4
Narrative Climatological Summary for Mid-Willamette Valley	5
Observed Average Maximum and Minimum Temperatures, by Months 1931 - 1968	7
Observed Precipitation, by Months 1931 - 1968.	9
Sunrise and Sunset Tables. . . . .	.10
Killing Frost Dates, 1936 - 1968 . . . . .	.11
Pan Evaporation at Hyslop Weather Station, by Months 1953 - 1968 . . . . .	.12
Miscellaneous Climatological Data Sunshine, Relative Humidity, Comparative Air Temperatures . . . . .	.13
Precipitation Probability Table. . . . .	.14
Comparisons of Air and Soil Temperatures, 1968, Weekly Average Maximum and Minimum Air, Soil at 2-, 4- and 8-inch Depths . . . . .	.15
Meteorological Data for the Current Year (1968) and Normals, Means and Extremes. . . . .	.16
Daily Climatological Data (1968) January through December. . . . .	.17
Extreme Values of Temperature and Precipitation since 1890 . . . . .	.29
Explanatory Notes for Daily Climatological Data. . . . .	.41
References . . . . .	.42

PREFACE

Miscellaneous Paper 105, Agricultural Experiment Station, Oregon State University, entitled "A Summary of Climate and Weather for Corvallis, Oregon, 1889 through 1960" by Wheeler Calhoun was published in March 1961. The United States Department of Commerce Weather Bureau, working with the Farm Crops Department at Oregon State University, has instrumented the Hyslop Farm Weather Station to measure additional elements important to agricultural scientists. There will be a continuing need for a publication to make these data readily available to researchers. It is planned that local climatological data from the Hyslop Farm Weather Station will be published annually.

Earl M. Bates
Advisory Agricultural Meteorologist
ESSA, Weather Bureau
Oregon State University
Corvallis, Oregon

Wheeler Calhoun, Jr.
Associate Prof. of Agronomy
Oregon State University
Corvallis, Oregon

HISTORY OF OREGON STATE UNIVERSITY WEATHER STATION

The cooperative Oregon State University--U. S. Weather Bureau station is in an open field located at the Hyslop Crop Science Farm six miles northeast of Corvallis, Oregon, just off Highway 20. It is situated on the main Willamette Valley floor a few miles to the east of the coast range foothills. The elevation is 225 feet above sea level at a latitude of 44° 38' North and longitude 123° 12' West. The station is operated by the Farm Crops Department of Oregon State University

A cooperative weather station was first established at Corvallis by Captain E. Grimm of the U. S. Army Signal Corps in October, 1889. In 1891 the U. S. Weather Bureau was established and took charge of this station with John Fulton assuming the duties as observer. He made weather and special soil temperature observations until 1895. Ellsworth Erwin carried on the work until January 1910, when W. L. Powers was assigned this duty. At this time the observations taken were expanded to include evaporation and other items related to drainage, irrigation, and soil moisture. E. F. Torgerson kept the record from 1918 to 1946 with R. O. Swan assisting. From 1946 until 1950 Powers again assumed responsibility for the observations and records. Eugene Dannen was observer from 1950 to May 1952. In May 1952 the weather station was moved from the campus of Oregon State College to its present location at Hyslop Crop Science Farm. Wheeler Calhoun, Superintendent of Hyslop, has been the official weather observer since 1952.

WEATHER RECORDS AT OREGON STATE UNIVERSITY

For many years prior to the station's move to the Hyslop Farm, campus observations were taken at a roof-top exposure during the "winter" season and at a nearby ground site during "summer." This twice-a-year move of the station and the move from the campus to Hyslop Farm have introduced some discrepancies in temperature "normals," or averages. Temperatures at the present site are a little lower, especially on clear, calm nights, than at the previous campus location. To compute "normals" or averages which reflect the new location and are, therefore, more meaningful for comparisons, temperature records prior to 1953 were adjusted. Most climatological stations of the U. S. Weather Bureau publish and use a 30-year "normal" or average for temperatures and precipitation (presently 1931-1960). To facilitate direct comparison of Hyslop Weather Station temperature and precipitation "normals" with other published "normals," the 1931-1960 period is used herein.

The move from the campus site to Hyslop Farm also affected precipitation catch. This became apparent when comparisons for several years before and after the move were made with nearby stations whose locations remained unchanged. The present site is slightly wetter than was the campus site. Adjusted precipitation "normals" or averages for the 1931-1960 period represent the present location of the gage.

The present site at Hyslop Crop Science Farm is an excellent one for an agricultural weather station. Increased instrumentation has been used at the Crop Science Farm.

NARRATIVE CLIMATOLOGICAL SUMMARY FOR MID-WILLAMETTE VALLEY

The mid-Willamette Valley, that valley area from a latitude just north of Salem to just south of Corvallis, is a homogeneous area with respect to climate. The usual movement of very moist maritime air masses from the Pacific Ocean inland over the Coast Range produces near its crest some of the heaviest yearly precipitation (nearly all rain) in the United States. An annual total of almost 170 inches has been recorded, and one station situated in the Coast Range has established a period-of-record annual average near 125 inches. From the ridge crest of the Coast Range, approximately 3,000 feet above sea level, there is a gradual decrease of rainfall downslope to the valley floor where annual totals average near 40 inches. As these marine-conditioned air masses continue to move farther inland, they are forced to ascend the west slopes of the Cascades to elevations generally near or above 5,000 feet above sea level, and again precipitation amounts increase substantially with elevation.

Most of this precipitation in both the valley and its bordering mountain ranges occurs during the winter. In the mid-Willamette Valley about 70 percent of the annual total occurs during the five months November through March, while only 5 percent occurs during the three summer months. In this area, on the average, there are only three or four days during the year with measurable amounts of snow. Its depth on the ground rarely exceeds two or three inches and usually melts in a day or two. The few thunderstorms that occur in the valley each year are not generally severe and seldom

do they, or the hail that occasionally accompanies them, cause serious damage.

The seasonal differences in temperatures are much less marked than those of precipitation. The range in mean temperatures during January, the coldest month, and July, the warmest, is just under 30 degrees. Maximum temperatures of 100 degrees or higher are very infrequent, averaging less than one per year for the past 75 years. Minimum temperatures below zero are even more infrequent and occur only in about one year out of fifteen on the average. At Corvallis the average length of time between killing frosts during the growing seasons (1936--1964) is 215 days. Since 1900 the latest killing frost in spring was May 31 and the earliest in fall was September 24.

AVERAGE MONTHLY MAXIMUM TEMPERATURES
1931-1967

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	50.2	52.9	57.5	67.3	75.2	73.5	84.8	83.6	73.1	65.0	51.5	45.4
1932	46.0	49.2	55.1	61.6	66.7	78.5	76.5	79.9	79.5	67.5	55.3	43.6
1933	44.1	45.9	54.6	63.5	60.4	71.3	81.9	83.0	68.6	67.5	52.9	51.2
1934	51.6	56.6	63.2	66.8	68.3	72.4	76.8	80.5	73.7	65.7	53.1	46.6
1935	44.6	50.5	49.7	59.8	69.6	76.2	79.9	83.7	81.7	63.3	49.9	46.8
1936	49.9	44.6	54.8	65.9	71.2	75.2	80.2	82.4	77.5	72.1	55.3	48.3
1937	38.3	47.8	57.6	58.3	70.1	74.6	81.5	80.2	76.3	69.5	54.8	49.0
1938	46.8	51.0	55.6	64.3	71.5	77.9	86.2	79.7	79.5	64.7	50.9	50.3
1939	49.1	47.4	58.5	67.6	71.6	72.9	83.0	84.5	77.6	65.4	56.7	51.9
1940	49.1	53.1	60.5	65.1	74.5	81.0	80.1	84.2	75.4	66.7	51.7	50.4
1941	49.4	56.5	65.1	66.1	68.5	73.0	86.7	79.1	70.7	63.7	54.0	48.0
1942	43.5	51.6	57.0	64.8	66.9	72.4	83.0	84.1	79.7	68.8	53.5	50.0
1943	42.1	55.9	56.2	66.3	67.1	71.9	82.1	78.4	81.5	63.9	54.6	47.3
1944	47.3	52.0	57.5	60.8	68.8	73.8	81.5	82.2	81.1	70.5	52.3	46.4
1945	49.8	52.9	53.6	59.6	69.5	75.4	84.6	83.0	75.5	68.3	51.6	48.0
1946	47.3	50.4	56.2	63.1	72.8	71.4	74.8	83.2	74.5	60.5	52.1	47.9
1947	43.7	56.1	61.4	65.4	74.8	71.1	77.3	80.2	79.1	62.7	55.1	49.7
1948	49.5	48.9	53.9	56.1	66.2	78.1	78.8	77.0	75.6	62.7	51.0	43.1
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
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
1951	46.2	52.4	51.6	68.2	69.3	80.2	81.4	84.3	78.9	63.2	53.7	44.9
1952	45.0	50.9	53.3	65.6	65.6	69.8	84.0	81.1	80.6	71.9	46.3	48.0
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
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
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
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
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
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
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
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
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
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
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
1964	47.0	49.9	51.7	57.0	63.0	69.0	78.5	77.2	73.2	66.3	48.1	45.6
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
1966	45.0	48.9	52.5	63.0	69.3	73.7	78.5	81.6	76.0	64.2	54.3	49.1
1967	48.8	52.6	52.0	54.7	68.2	76.9	84.1	88.9	82.1	63.1	54.0	46.5
1968	45.5	56.5	56.6	58.8	64.8	72.7	81.3	76.1	72.3	61.8	52.9	44.1

Station moved from Campus to Hyslop Agronomy Farm May 1952.

AVERAGE MONTHLY MINIMUM TEMPERATURES
1931-1967

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1931	37.0	34.5	39.8	43.3	47.4	50.6	53.8	52.6	50.0	44.8	36.3	35.3
1932	34.3	35.5	40.8	41.0	45.5	51.1	51.1	55.2	48.5	46.2	41.5	30.9
1933	33.9	32.0	38.2	39.6	43.7	50.3	52.5	53.6	48.6	38.5	37.5	42.4
1934	40.8	39.3	44.0	44.9	48.3	50.4	53.0	53.0	48.2	46.9	44.2	37.1
1935	32.7	36.2	35.2	41.2	42.2	50.5	52.5	53.0	51.3	42.6	35.5	34.3
1936	38.1	31.1	37.4	43.6	49.0	53.1	54.5	53.8	48.8	43.7	32.6	37.9
1937	25.9	35.1	40.8	40.1	45.9	53.3	54.7	52.2	51.5	47.6	44.0	37.7
1938	35.0	35.8	38.0	42.8	46.3	50.6	54.5	51.2	53.2	45.7	35.8	36.0
1939	36.7	34.1	38.7	42.5	46.0	48.9	53.0	53.0	51.1	45.9	40.6	40.4
1940	34.8	40.0	41.8	42.9	47.6	50.7	54.1	54.1	53.9	49.6	37.1	37.7
1941	37.2	37.6	40.6	42.0	46.3	51.2	56.2	55.2	50.4	44.8	40.6	38.0
1942	30.7	33.7	36.3	42.3	44.6	50.0	55.3	53.8	48.3	43.5	39.5	39.0
1943	29.0	36.0	37.3	42.3	43.7	48.6	51.8	51.6	50.6	46.2	38.2	32.5
1944	32.5	35.5	35.8	40.4	43.6	48.1	52.1	51.7	50.0	46.5	36.5	30.7
1945	34.0	37.5	36.4	39.9	46.6	49.2	51.7	50.6	46.9	41.1	40.0	35.4
1946	34.0	35.4	37.1	39.3	45.1	47.0	51.5	50.9	46.1	40.3	35.2	36.6
1947	30.5	35.7	39.5	41.6	45.8	49.3	51.0	49.0	48.6	46.1	39.5	35.5
1948	31.1	33.7	35.5	38.4	44.9	52.2	51.3	51.8	47.3	41.8	37.1	31.0
1949	22.0	33.5	39.7	41.7	46.6	49.2	50.9	52.0	50.4	38.7	41.2	35.6
1950	25.9	34.3	37.5	39.5	42.6	50.0	52.4	52.1	48.6	46.1	40.9	42.5
1951	34.7	36.9	34.0	39.2	44.6	48.5	50.2	49.5	48.3	44.9	39.5	33.5
1952	33.9	35.9	37.8	40.5	40.9	46.0	49.6	48.6	46.5	51.6	30.5	34.8
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
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
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
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
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
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
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
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
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
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
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
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
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
1966	34.2	32.6	36.6	39.3	42.2	48.3	50.9	50.7	49.7	40.9	39.7	32.6
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
1968	40.2	38.5	37.7	35.7	42.7	48.1	50.0	51.9	48.3	40.1	38.3	32.4

Station moved from Campus to Hyslop Agronomy Farm May 1952.

MONTHLY PRECIPITATION
1931-1967
(inches)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1931	4.72	2.83	5.72	1.28	.19	3.35	T	0	1.52	3.82	6.58	9.12	39.13
1932	6.55	2.08	5.06	2.36	2.24	.24	.61	.83	T	3.99	4.89	8.09	36.94
1933	7.93	5.14	4.03	.76	3.70	.84	0	.69	1.68	2.67	1.00	14.15	42.59
1934	5.55	.98	2.12	1.94	1.28	.24	.26	.10	.57	4.57	9.71	8.10	35.42
1935	4.21	3.37	4.52	2.00	.52	.21	.51	.10	1.28	2.61	2.26	4.76	26.35
1936	10.82	5.35	1.97	1.43	3.41	1.70	.32	T	.89	.16	.24	5.82	32.11
1937	7.61	7.55	3.95	7.99	2.32	3.58	.08	.45	1.06	2.59	9.71	11.17	58.06
1938	4.03	6.33	7.42	1.51	.64	.08	.17	T	1.35	2.92	4.10	3.49	32.04
1939	3.92	3.60	2.44	.22	1.71	.70	.43	1.14	.43	2.90	.31	8.53	26.33
1940	4.41	9.80	4.93	2.26	2.62	.12	.16	T	2.75	4.14	4.46	4.71	40.36
1941	4.38	1.65	1.22	2.01	2.42	1.03	0	1.09	3.96	1.46	5.56	7.99	32.95
1942	4.95	3.36	1.04	1.62	2.56	1.11	.28	T	T	1.22	12.69	10.37	39.20
1943	5.09	3.78	5.60	2.01	1.16	1.32	.22	1.62	.02	5.54	2.51	2.66	31.53
1944	3.06	2.25	2.23	2.93	.85	.62	.14	T	2.18	1.36	4.63	2.74	22.99
1945	4.34	5.04	5.60	2.33	3.10	.22	.14	.08	.94	.89	10.08	5.03	37.79
1946	4.79	4.28	4.59	.68	.59	.98	.57	.01	2.17	4.22	6.78	3.76	33.42
1947	2.26	2.97	4.86	1.67	.16	2.55	2.72	.46	.61	9.05	3.10	3.45	33.86
1948	7.08	5.10	3.86	3.64	2.67	.39	.70	.06	1.87	2.34	5.97	7.46	41.14
1949	1.74	10.58	2.19	.55	2.06	.68	.03	.27	1.56	1.72	4.89	4.19	30.46
1950	12.17	5.23	4.16	.99	.65	.88	.21	.76	.97	9.70	7.73	5.13	48.58
1951	7.36	4.62	4.16	.65	1.40	.02	.11	.08	1.23	6.78	5.84	6.13	38.38
1952	5.08	4.17	1.75	.92	.35	3.84	0	.16	.40	1.02	1.55	7.13	26.37
1953	12.40	5.14	4.50	1.97	3.31	1.83	T	1.74	.49	3.12	6.96	7.81	49.27
1954	8.04	5.25	2.96	2.71	.90	3.11	.53	.64	1.60	3.56	5.86	6.92	42.08
1955	3.09	2.29	5.51	4.58	.91	.85	.62	0	1.97	7.58	7.32	12.64	47.36
1956	11.89	5.48	5.89	.93	1.98	1.14	.02	.34	1.12	5.86	1.38	4.56	40.59
1957	2.78	4.89	7.01	2.11	3.21	1.07	.17	.22	1.50	3.14	2.81	10.38	39.29
1958	8.15	7.81	2.55	3.66	1.12	2.91	.02	.02	1.30	2.68	8.49	4.15	42.86
1959	10.52	4.56	3.99	.84	2.20	1.31	.32	T	1.60	1.57	2.58	3.35	32.84
1960	4.38	6.49	7.18	3.29	3.92	.22	T	.64	.52	2.52	10.49	4.15	43.80
1961	4.80	10.12	7.46	2.23	2.05	.40	.59	.33	1.18	3.73	6.79	6.21	45.89
1962	1.21	3.82	6.37	2.90	2.31	.39	0	.51	1.60	4.62	7.89	2.90	34.58
1963	1.64	5.23	6.30	4.64	3.94	.98	.52	.65	.94	2.77	7.04	3.91	38.56
1964	11.68	.79	4.33	1.61	.55	.88	.57	.23	.31	1.25	9.23	13.27	44.70
1965	11.45	1.56	.59	2.00	1.08	.52	.39	.98	.04	2.12	8.70	7.69	37.12
1966	10.21	1.78	7.21	.95	.49	.76	.49	.27	1.71	3.18	5.27	7.67	39.99
1967	9.50	1.78	4.23	1.60	.85	.77	0	T	.84	6.19	3.46	6.32	35.54
1968	7.14	7.11	3.85	1.51	1.51	3.45	.79	.34	5.24	1.99	6.32	6.52	14.44

Station moved from Campus to Hyslop Agronomy Farm May 1952.

**SUNRISE AND SUNSET AT CORVALLIS, OREGON
PACIFIC STANDARD TIME**

DAY	January		February		March		April		May		June		July		August		September		October		November		December	
	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.	Rise a.m.	Set p.m.
1	7:49	4:43	7:31	5:21	5:50	6:00	5:54	6:39	5:03	7:17	4:31	7:50	4:31	8:01	4:58	7:38	5:35	6:49	6:10	5:53	6:50	5:02	7:29	4:34
2	7:49	4:44	7:30	5:22	6:49	6:01	5:52	6:41	5:01	7:18	4:30	7:51	4:32	8:01	4:59	7:37	5:36	6:48	6:11	5:51	6:51	5:00	7:30	4:34
3	7:49	4:45	7:29	5:23	6:47	6:02	5:51	6:42	5:00	7:19	4:30	7:52	4:32	8:02	5:00	7:36	5:37	6:46	6:12	5:49	6:53	4:59	7:31	4:33
4	7:49	4:46	7:27	5:25	6:45	6:04	5:49	6:43	4:59	7:21	4:29	7:52	4:33	8:00	5:02	7:34	5:38	6:44	6:13	5:48	6:54	4:58	7:32	4:33
5	7:49	4:47	7:26	5:27	6:43	6:05	5:47	6:45	4:58	7:22	4:28	7:53	4:33	8:00	5:03	7:33	5:39	6:42	6:15	5:46	6:56	4:56	7:33	4:33
6	7:49	4:48	7:25	5:28	6:42	6:06	5:45	6:46	4:57	7:23	4:29	7:54	4:34	8:00	5:04	7:32	5:40	6:40	6:16	5:44	6:57	4:55	7:34	4:33
7	7:49	4:49	7:24	5:30	6:40	6:08	5:43	6:47	4:55	7:24	4:28	7:55	4:35	7:59	5:05	7:30	5:41	6:38	6:17	5:42	6:58	4:54	7:35	4:32
8	7:49	4:50	7:22	5:31	6:38	6:09	5:41	6:48	4:53	7:25	4:28	7:55	4:36	7:59	5:06	7:29	5:41	6:37	6:18	5:41	7:00	4:52	7:36	4:32
9	7:48	4:51	7:21	5:32	6:36	6:10	5:40	6:50	4:51	7:26	4:28	7:56	4:36	7:58	5:07	7:28	5:44	6:35	6:20	5:39	7:01	4:51	7:37	4:32
10	7:48	4:52	7:20	5:34	6:35	6:11	5:38	6:51	4:50	7:28	4:27	7:57	4:37	7:58	5:09	7:26	5:45	6:33	6:21	5:37	7:02	4:50	7:38	4:32
11	7:48	4:53	7:19	5:35	6:33	6:13	5:36	6:52	4:49	7:29	4:27	7:57	4:38	7:57	5:10	7:25	5:46	6:31	6:22	5:35	7:04	4:49	7:39	4:32
12	7:47	4:55	7:18	5:37	6:31	6:14	5:34	6:53	4:48	7:30	4:27	7:58	4:39	7:57	5:11	7:28	5:47	6:29	6:23	5:34	7:05	4:48	7:40	4:32
13	7:47	4:56	7:16	5:38	6:29	6:15	5:32	6:55	4:47	7:31	4:27	7:58	4:40	7:56	5:12	7:22	5:48	6:27	6:25	5:32	7:06	4:47	7:41	4:33
14	7:46	4:57	7:15	5:40	6:27	6:17	5:31	6:56	4:46	7:32	4:27	7:59	4:40	7:55	5:13	7:20	5:49	6:25	6:26	5:30	7:08	4:46	7:41	4:33
15	7:46	4:58	7:13	5:41	6:26	6:18	5:29	6:57	4:45	7:33	4:27	7:59	4:41	7:55	5:15	7:19	5:51	6:23	6:27	5:28	7:09	4:45	7:42	4:33
16	7:45	4:59	7:12	5:42	6:24	6:19	5:27	6:58	4:44	7:34	4:27	8:00	4:42	7:54	5:16	7:17	5:52	6:21	6:29	5:27	7:10	4:44	7:43	4:33
17	7:45	5:01	7:10	5:44	6:22	6:20	5:25	7:00	4:43	7:35	4:27	8:00	4:43	7:53	5:17	7:15	5:53	6:20	6:30	5:25	7:12	4:43	7:44	4:34
18	7:44	5:02	7:09	5:45	6:20	6:22	5:24	7:01	4:42	7:37	4:27	8:00	4:44	7:53	5:18	7:14	5:54	6:18	6:31	5:23	7:13	4:42	7:44	4:34
19	7:43	5:03	7:07	5:47	6:18	6:23	5:22	7:02	4:41	7:38	4:27	8:01	4:45	7:52	5:19	7:12	5:55	6:16	6:33	5:22	7:14	4:41	7:45	4:34
20	7:42	5:04	7:05	5:48	6:17	6:25	5:20	7:03	4:40	7:39	4:27	8:01	4:46	7:51	5:20	7:11	5:56	6:14	6:34	5:20	7:15	4:40	7:45	4:35
21	7:42	5:06	7:04	5:49	6:15	6:26	5:19	7:05	4:39	7:40	4:27	8:01	4:47	7:50	5:22	7:09	5:58	6:12	6:35	5:19	7:17	4:39	7:45	4:35
22	7:41	5:07	7:02	5:51	6:13	6:27	5:17	7:06	4:38	7:41	4:28	8:01	4:48	7:49	5:23	7:07	5:59	6:10	6:37	5:17	7:18	4:39	7:45	4:36
23	7:40	5:08	7:01	5:52	6:11	6:28	5:16	7:07	4:37	7:42	4:28	8:01	4:49	7:48	5:24	7:05	6:00	6:08	6:39	5:15	7:19	4:38	7:47	4:37
24	7:40	5:10	6:59	5:53	6:09	6:29	5:14	7:08	4:36	7:43	4:29	8:01	4:50	7:47	5:25	7:04	6:01	6:06	6:39	5:11	7:20	4:37	7:47	4:37
25	7:39	5:11	6:57	5:55	6:07	6:31	5:12	7:09	4:36	7:44	4:29	8:02	4:51	7:46	5:26	7:02	6:02	6:04	6:41	5:12	7:22	4:37	7:48	4:37
26	7:38	5:13	6:55	5:56	6:05	6:32	5:11	7:11	4:35	7:45	4:29	8:02	4:52	7:45	5:28	7:00	6:04	6:02	6:42	5:11	7:23	4:36	7:48	4:38
27	7:37	5:14	6:54	5:58	6:04	6:33	5:09	7:12	4:34	7:46	4:30	8:02	4:53	7:44	5:29	6:58	6:05	6:01	6:43	5:09	7:24	4:36	7:48	4:39
28	7:36	5:15	6:52	5:59	6:02	6:34	5:07	7:13	4:34	7:47	4:30	8:01	4:54	7:43	5:30	6:57	6:06	5:59	6:45	5:08	7:25	4:35	7:49	4:40
29	7:35	5:17	6:51	6:00	6:00	6:36	5:06	7:15	4:33	7:47	4:30	8:01	4:55	7:42	5:31	6:55	6:07	5:57	6:47	5:06	7:26	4:35	7:49	4:40
30	7:34	5:18			5:58	6:37	5:04	7:16	4:32	7:48	4:31	8:01	4:56	7:41	5:32	6:53	6:08	5:55	6:47	5:05	7:27	4:34	7:49	4:41
31	7:33	5:20			5:56	6:38			4:31	7:49			4:57	7:39	5:33	6:51			6:49	5:03			7:49	4:42

Add one hour for Daylight Saving Time if and when in use.

This table may be used in any year of the twentieth century and within the geographical boundary of the stated place with an error not exceeding 2 minutes and generally less than 1 minute.

This table was prepared using official sunrise and sunset tables of the U.S. Naval Observatory for Salem, Oregon and Eugene, Oregon.

KILLING FROST

Year	Last Spring Frost Month Day	First Fall Frost Month Day	Frost Free Days
1936	May 2	October 29	180
1937	March 18	November 30	257
1938	April 6	October 15	192
1939	March 10	November 4	239
1940	February 20	November 22	275
1941	March 14	November 17	248
1942	April 24	November 11	201
1943	April 26	November 6	194
1944	March 28	November 15	232
1945	March 5	October 24	233
1946	February 11	October 28	259
1947	February 28	November 23	267
1948	April 27	October 28	183
1949	March 24	October 17	206
1950	March 12	November 10	222
1951	April 24	October 21	189
1952	May 4	November 2	182
1953	April 10	November 1	204
1954	April 28	October 26	181
1955	April 27	November 23	210
1956	April 5	November 15	223
1957	April 7	November 1	207
1958	April 5	November 16	225
1959	April 15	November 6	205
1960	April 16	November 9	206
1961	March 28	October 20	207
1962	April 10	December 1	234
1963	April 2	October 19	200
1964	May 2	October 26	177
1965	May 6	November 29	206
1966	April 19	October 13	185
1967	April 30	November 23	206
1968	April 24	November 4	193
AVERAGE FOR 33 YEARS	April 2	November 6	212

June, July, August have been frost free for 76 years.

CROP SEASON MONTHLY EVAPORATION

From Standard Weather Bureau
Open Pan (1953-1967)
(inches)

Year	April	May	June	July	August	September	October
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	*	*	*	*	*	*	*
MEAN	2.46	4.09	5.40	7.70	6.85	4.66	1.86

* Missing Data

MISCELLANEOUS CLIMATOLOGICAL DATA

Estimate of Percent of Possible Sunshine at Corvallis*
(based on cloud cover and solar radiation data)

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
25	35	40	50	55	60	70	70	65	45	30	20

*From 1959 Climatological Publication, OREGON SUNSHINE, U. S. Weather Bureau, Portland, Oregon. Author: Gilbert Sternes, State Climatologist.

Average Monthly Relative Humidity at Salem, Oregon, Weather Bureau'
Airport Station*
(in percent)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>4 a.m.</u>	88	90	89	89	89	88	87	87	89	92	90	90
<u>4 p.m.</u>	79	71	63	54	52	50	39	40	47	64	76	81

*From U. S. Weather Bureau LOCAL CLIMATOLOGICAL DATA, Salem, Oregon, 1961. These data are representative of the mid-Willamette Valley.

Average Monthly Maximum and Minimum Air Temperatures*
(1964)

	May	June	July	Aug.	Sept.
(maximum)					
1-foot level	63.3	69.8	81.1	78.8	74.0
15-foot level	59.6	66.7	77.0	76.1	72.8
(minimum)					
1-foot level	39.4	46.2	47.7	48.7	42.0
15-foot level	40.5	47.1	50.2	52.4	46.4

*From tower at Hyslop Weather Station. Temperature measuring devices shielded from direct sun.

PERCENT PROBABILITY OF PRECIPITATION EQUAL TO OR EXCEEDING SPECIFIED AMOUNTS
DURING EACH WEEK OF THE YEAR FOR ALBANY, OREGON, 30-YEARS 1928-1957

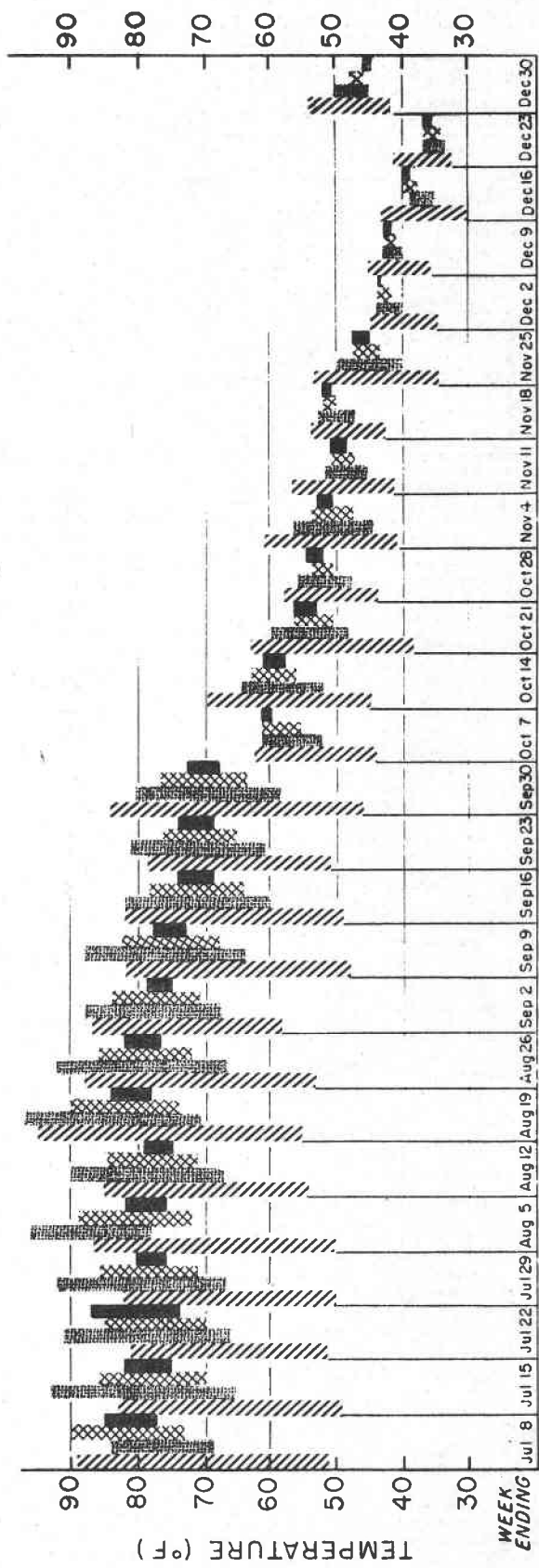
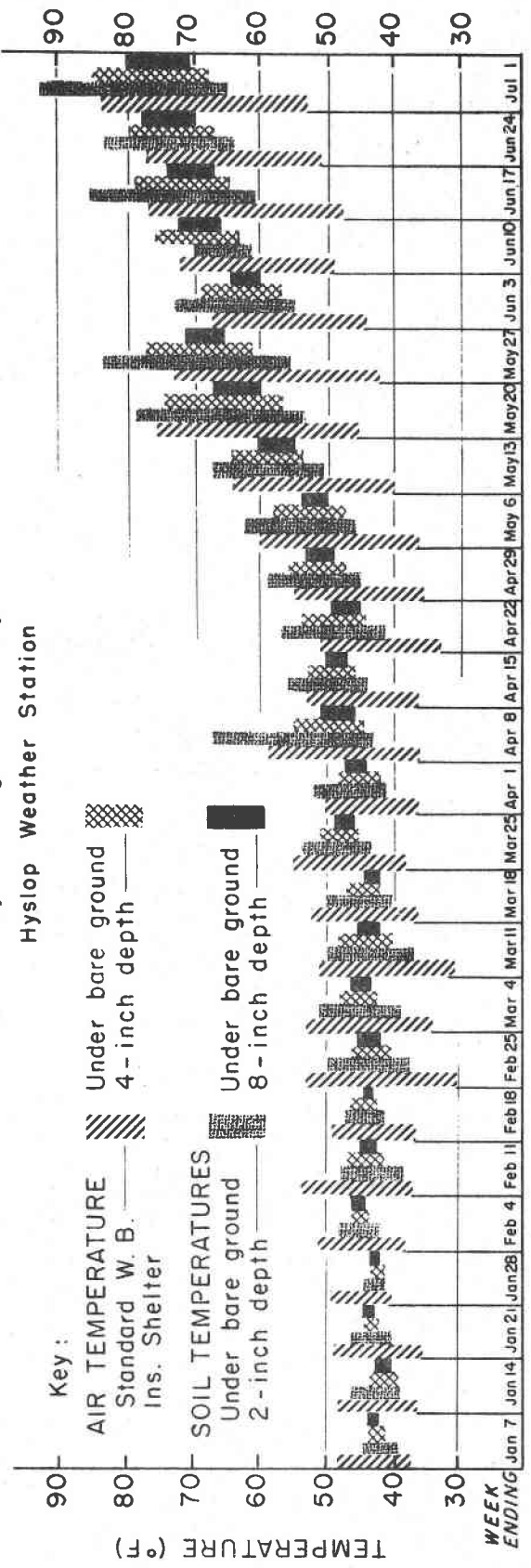
Date	Week No.	0.01	0.10	0.25	0.50	1.00	2.00
Mar 1 to 7	1	87	83	77	63	27	3
Mar 8 to 14	2	97	90	90	83	43	20
Mar 15 to 21	3	93	90	67	57	37	13
Mar 22 to 28	4	97	93	93	83	43	10
Mar 29 to Apr 4	5	97	90	83	67	37	13
Apr 5 to 11	6	83	73	70	50	20	
Apr 12 to 18	7	80	73	60	37	27	3
Apr 19 to 25	8	83	80	50	37	7	
Apr 26 to May 2	9	97	87	67	50	27	
May 3 to 9	10	80	73	57	43	23	7
May 10 to 16	11	77	63	60	33	17	3
May 17 to 23	12	77	63	43	37	17	
May 24 to 30	13	77	70	50	20	3	
May 31 to Jun 6	14	73	60	50	33	7	
Jun 7 to 13	15	73	53	43	20	13	
Jun 14 to 20	16	80	63	63	33	13	7
Jun 21 to 27	17	57	40	30	17	3	
Jun 28 to Jul 4	18	70	43	20	13	3	3
Jul 5 to 11	19	50	30	17	7		
Jul 12 to 18	20	37	13	10	3		
Jul 19 to 25	21	23	10	3			
Jul 26 to Aug 1	22	27	17	10	3	3	3
Aug 2 to 8	23	33	30	17	7		
Aug 9 to 15	24	27	10	3			
Aug 16 to 22	25	20	13	7			
Aug 23 to 29	26	53	30	20	17	7	
Aug 30 to Sep 5	27	60	40	27	13	10	
Sep 6 to 12	28	63	53	40	30	10	
Sep 13 to 19	29	63	50	47	40	10	
Sep 20 to 26	30	60	37	27	23	7	
Sep 27 to Oct 3	31	77	57	47	33	20	3
Oct 4 to 10	32	87	67	60	37	27	7
Oct 11 to 17	33	93	77	63	43	30	7
Oct 18 to 24	34	77	73	67	43	37	30
Oct 25 to 31	35	93	83	80	63	27	13
Nov 1 to 7	36	90	80	77	57	33	23
Nov 8 to 14	37	87	83	73	60	57	17
Nov 15 to 21	38	93	83	80	67	57	37
Nov 22 to 28	39	80	73	63	43	43	27
Nov 29 to Dec 5	40	97	90	83	77	47	30
Dec 6 to 12	41	100	87	80	73	60	37
Dec 13 to 19	42	97	83	77	77	53	20
Dec 20 to 26	43	100	97	90	77	57	30
Dec 27 to Jan 2	44	100	97	93	87	63	40
Jan 3 to 9	45	97	97	87	77	47	20
Jan 10 to 16	46	97	90	80	80	47	17
Jan 17 to 23	47	97	93	87	70	43	27
Jan 24 to 30	48	93	87	73	73	50	20
Jan 31 to Feb 6	49	100	87	80	73	53	30
Feb 7 to 13	50	93	90	90	73	50	27
Feb 14 to 20	51	93	73	67	57	37	10
Feb 21 to 27	52	93	93	83	63	43	20

Example: Analysis of 30 years of record (1928-1957) showed that total precipitation during week 29, Sep 13 to 19, equaled or exceeded .10 inch 15 times, for a 50 percent probability of occurrence. Blanks in the table indicate no occurrence during the 30-year period examined.

MAXIMUM & MINIMUM AIR & SOIL TEMPERATURES

1967 Weekly Averages of Daily Values

Hyslop Weather Station





U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 FEBRUARY 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)			Precipitation	Wind		Soil Temperatures			Evaporation		Solar Radiation		Relative Humidity				Date					
	Maximum	Minimum	Average		Growing Degree days (base 40°)	Growing Degree days (base 50°)	Direction	Velocity (MPH)	Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.		% 10 p.m.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	44	35	39	0	0	.43		*	*	40/35	38/35	38/36	*	*				9 50	*	*	*	*	1
2	53	42	48	8	0	.45				45/40	43/38	42/38					9 52					2	
3	53	46	50	10	0	.76				47/46	45/43	44/42					9 55					3	
4	55	45	50	10	0	.28				47/47	46/46	45/45					9 58					4	
5	49	38	42	2	0	.06				47/40	46/42	46/45					10 01					5	
6	52	35	44	4	0					45/38	43/40	45/44					10 03					6	
7	57	38	48	8	0					48/38	45/40	44/42					10 06					7	
8	55	35	45	5	0					50/38	45/40	43/42					10 09					8	
9	58	37	48	8	0					48/36	45/38	43/42					10 11					9	
10										*	*	*					10 14					10	
11	53																10 16					11	
12	53																10 19					12	
13	58	30	44	4	0												10 22					13	
14	52	25	39	0	0												10 25					14	
15	48	25	37	0	0												10 28					15	
16	50	36	43	3	0												10 30					16	
17	50	34	42	2	0	.55											10 34					17	
18	56	40	47	8	0	.30											10 36					18	
19	58	52	55	15	5	1.57											10 40					19	
20	57	48	53	13	3	.89											10 43					20	
21	60	45	53	13	3	.76											10 45					21	
22	59	50	55	15	5	.60											10 49					22	
23	60	51	56	16	6	.46											10 51					23	
24	61	40	51	11	1	T											10 54					24	
25	62	38	50	10	0												10 58					25	
26	67	45	56	16	6												11 01					26	
27	66	47	57	17	7												11 04					27	
28	68	38	53	13	3												11 07					28	
29	68	37	53	13	3												11 09					29	
30																							30
31																							31
Sum	1582	1029				7.11																	Sum
Avg	56.5	38.5																					Avg

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 45
 Departure from normal + 2.9
 Highest 68 on 28 & 29
 Lowest 25 on 14 & 15
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 3
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (In.)
 Total for the month 7.11
 Departure from normal +2.07
 Greatest in 24 hours 1.57 on 19

* Rest of month missing

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4											.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13																								13	
14																								14	
15																								15	
16																								16	
17					.05	.05	.15	.11	.13	.03			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	17	
18	*																							18	
19	*									.18	.10	.07	.05			.01	.01	.01	.12	.12	.10	.06	.12	19	
20		.06	.10	.03	.02			.02	.01	.13	.02		.08	.11	.05	.01	.01	.01	.01	.05	.01	.06	.12	20	
21	.17	.14	.10	.03	.02			.01	.01	.13	.02				.01	.01	.01	.01	.12	.05	.01	.06	.12	21	
22			.01	.19	.06	.03	.01										.01	.01	.02	.03	.10	.04	.09	.02	22
23																									23
24	*							.01																	24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

*Missing Data
 Corrections, if any, to data in this issue will be published in a later issue.
 Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 MARCH 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)						Precipitation (Water equiv. - In.)	Wind Direction	Soil Temperatures			Evaporation		Solar Radiation				Relative Humidity				Date	
	Maximum	Minimum	Average	Growing degree days (base 40°)	Growing degree days (base 50°)	Total (Water equiv. - In.)			Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	67	42	55	15	5	.01		*	*	*	*	*	*				11 10	*	*	*	*	1	
2	58	47	53	13	3	.02								8			11 12					2	
3	62	41	51	11	1									23			11 16					3	
4	60	47	54	14	4	T								23			11 19					4	
5	63	46	55	15	5	.10								33			11 22					5	
6	52	35	44	4	0	.06								72			11 24					6	
7	55	37	46	6	0	.21								22			11 28					7	
8	54	33	44	4	0	.42								25			11 31					8	
9	54	27	41	1	0									41			11 34					9	
10	55	28	42	2	0									8			11 36					10	
11	57	36	47	7	0	.02								27			11 40					11	
12	55	43	49	9	0	.40								29			11 43					12	
13	53	34	44	4	0	.30								101			11 46					13	
14	55	38	47	7	0	.64								35			11 50					14	
15	51	42	47	7	0	.26								113			11 52					15	
16	54	42	48	8	0	.32								70			11 55					16	
17	51	35	42	4	0	.04								51			11 58					17	
18	50	30	43	3	0	.06								50			12 02					18	
19	58	30	44	4	0	T								16			12 05					19	
20	61	33	49	9	0									18			12 08					20	
21	61	38	50	10	0									15			12 11					21	
22	63	42	53	13	3	.02								45			12 14					22	
23	56	33	45	5	0	.11								80			12 17					23	
24	59	33	50	10	0	.61				62/43	55/40			80			12 20					24	
25	59	41	50	10	0	.17				53/45	49/43			80			12 24					25	
26	50	38	44	4	0	.02				55/45	50/42			24			12 27					26	
27	53	40	47	7	0	.06				56/48	51/46			74			12 29					27	
28	56	46	51	11	1	.06				61/50	56/48			116			12 32					28	
29	62	32	43	3	0					56/39	52/40			82			12 36					29	
30	53	31	45	5	0	T				58/39	52/38			67			12 39					30	
31	53	45	5	0													12 42					31	
Sum	1753	1162				3.85																Sum	
Avg	56.6	37.7																				Avg	

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 47.1
 Departure from normal - 1.7
 Highest 67 on 1
 Lowest 27 on 9
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 15
 Min. 0° or below 0

TIME OF OBSERVATIONS:
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (In.)
 Total for the month 3.85
 Departure from normal - .53
 Greatest in 24 hours .64 on 14

* Records missing

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6		.01																							6
7				.02	.01																				7
8																									8
9																									9
10																									10
11																									11
12																									12
13		.01	.01	.03	.02	.02	.01	.05	.01	.01	.04	.02													13
14		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	14
15		.06	.18	.07	.06	.02	.03				.04	.01	.01	.06	.05	.05									15
16		.01	.05	.05	.05	.05	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25		.01	.17	.01	.01	.03	.01	.01	.01	.01	.03	.04	.05	.06	.02	.01	.01	.01	.01	.03	.02	.02	.01	.01	25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 APRIL 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)			Precipitation (Total (Water equivalent) (In.))	Wind Direction Velocity (MPH)	Soil Temperatures			Evaporation		Solar Radiation		Relative Humidity				Date				
	Maximum	Minimum	Average			2" Depth	4" Depth	8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.						
1	63	44	54	14	4	T	*	*	65/43	57/42	52/52	*	26	12	45	*	*	*	*	1	
2	51	41	46	6	0	.13			57/47	51/45	51/52		35	12	49					2	
3	55	33	44	4	0	0			58/44	52/43	51/52		27	12	51					3	
4	61	38	49	9	0	T			66/42	58/43	54/52		13	12	54					4	
5	50	40	45	5	0	.24			55/45	50/45	50/52		72	12	58					5	
6	54	33	44	4	0	.05			63/45	55/44	54/52		64	13	1					6	
7	53	39	46	6	0	0			57/45	51/43	51/53		87	13	4					7	
8	56	35	46	6	0	.02			65/44	57/43	55/54		26	13	7					8	
9	60	34	47	7	0	0			66/44	58/43	55/56		34	13	10					9	
10	70	36	53	13	3	3			71/44	62/44	58/58		7	13	13					10	
11	70	35	53	13	3	0			72/47	63/46	59/57		80	13	16					11	
12	52	34	43	3	0	T			62/44	55/43	53/53		56	13	19					12	
13	50	24	37	0	0	T			56/39	50/38	48/51		35	13	23					13	
14	66	35	51	11	1	1			63/42	55/40	53/52		48	13	25					14	
15	58	33	46	6	0	.17			64/43	56/38	54/53		46	13	28					15	
16	52	33	43	3	0	.01			60/44	54/43	52/52		116	13	31					16	
17	50	30	40	0	0	.20			61/42	53/42	51/52		34	13	35					17	
18	55	30	43	3	0	T			66/42	57/42	54/52		33	13	37					18	
19	52	28	40	0	0	T			57/40	50/40	49/51		31	13	40					19	
20	53	34	44	4	0	.02			58/41	51/39	50/50		68	13	43					20	
21	52	29	41	1	0	.23			60/42	52/40	51/52		38	13	46					21	
22	56	33	45	5	5	T			66/42	58/42	54/54		33	13	49					22	
23	67	42	55	15	5	.31			67/49	60/48			41	13	51					23	
24	59	31	45	5	0	.09			66/44	58/43	51/46		39	13	54					24	
25	58	39	49	9	0	T			66/44	58/43	49/48		32	13	57					25	
26	55	44	50	10	0	.02			55/51	50/47	53/48		55	14	0					26	
27	61	40	51	11	1	1			66/58	59/47	54/49		41	14	3					27	
28	70	39	55	15	5	5			70/49	62/47	58/49		46	14	6					28	
29	81	39	60	20	10	10			78/50	69/47	60/54		21	14	9					29	
30	76	46	61	21	11	.02			80/50	70/50			61	14	12					30	
31																					31
Sum	1766	1077				1.51															Sum
Avg	58.8	35.7								64/45	56/43	52/50		45							Avg

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure

TEMPERATURE: (°F)

Average monthly 47.4
 Departure from normal - 3.4
 Highest 81 on 29
 Lowest 24 on 13
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 3
 Min. 0° or below 0

TIME OF OBSERVATIONS:

(1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.

(2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

* Records missing

PRECIPITATION: (In.)

Total for the month 1.51
 Departure from normal -.69
 Greatest in 24 hours .31 on 23

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12																									12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20																									20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
CORVALLIS, OREGON
MAY 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)					Precipitation		Wind		Soil Temperatures			Evaporation		Solar Radiation		Relative Humidity				Date		
	Maximum	Minimum	Average	Growing degree days (base 40°)	Growing degree days (base 50°)	Total (Water equivalent) (In.)	Snow, Sleet (In.)	Direction	Velocity (MPH)	Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	61	38	49	9	0	.01		*	*	70/55	63/50	57/54	.13	76			14	14	98	76	64	98	1
2	62	39	51	11	1					74/48	65/48	57/51	.15	55			14	17	98	68	50	88	2
3	69	42	56	16	6					76/48	68/48	58/53	.22	69			14	19	98	76	44	84	3
4	75	45	58	18	8					81/50	72/49	61/53	.21	44			14	22	98	56	32	90	4
5	59	35	47	7	0	.01				72/48	64/49	57/53	.17	98			14	24	98	40	54	64	5
6	50	39	45	5	0	.08				60/49	55/47	52/50	.05	54			14	26	98	50			6
7	57	35	46	6	0	.01				65/45	58/45	53/50	.06	33			14	29	98	36	24	38	7
8	64	39	52	12	2					76/45	66/44	56/49	.20	41			14	32	98	46	46	98	8
9	74	41	58	18	8			S	6	81/49	72/48	60/52	.09	42			14	35	98	56	62	98	9
10	71	37	54	14	4			S	3	83/52	73/53	62/55	.11	48			14	38	98	60	40	62	10
11	64	43	54	14	4	.03		E	3	75/50	67/52	60/56	.30	18			14	40	98	50	28	70	11
12	69	40	55	15	5	T		S	3	82/55	73/55	62/50	.20	46			14	42	78	42	26	82	12
13	52	36	44	4	0	.27		N	5	60/49	58/49	57/52	.10	34			14	44	98	80	68	98	13
14	59	34	47	7	0	T		S	5	67/49	61/48	56/52	.02	124			14	46	98	98	60	98	14
15	59	43	51	11	1	T		S	1	63/48	57/52	53/50	.11	41			14	48	90	60	30	80	15
16	64	36	51	11	1			N	5	77/51	69/50	59/51	.15	17			14	50	98	80	18	54	16
17	78	43	56	16	6			S	7	86/52	76/50	64/55	.18	16			14	52	70	48	30	38	17
18	71	47	59	19	9			N	4	80/56	72/55	63/59	.14	22			14	55	90	90	96	92	18
19	77	55	66	26	16	.23		S	3	85/57	75/56	66/59	.12	18			14	57	98	80	78	92	19
20	64	47	56	16	6	.46		S	4	70/57	65/56	61/59	0	12			14	59	98	68	52	86	20
21	63	47	55	15	5	.32		S	8	70/56	63/55	59/57	.10	33			15	1	98	60	24	38	21
22	64	47	56	16	6	.04		S	4	70/56	65/55	58/56	.23	87			15	3	58	38	58	38	22
23	63	48	56	16	6	.66		S	3	72/56	64/55	59/56	0	36			15	55	26	88	98	60	23
24	61	45	53	13	3	.06		W	2	68/55	63/54	58/57	.10	45			15	7	44	78	96	98	24
25	64	46	55	15	5	.67		SW	6	70/54	65/53	58/55	0	48			15	8	38	92	98	90	25
26	63	50	57	17	7	.46		N	5	70/56	63/54	57/53	0	56			15	10	44	84	84	58	26
27	65	50	58	18	8	.13		S	4	70/55	63/54	58/56	.09	52			15	12	94	98	38	90	27
28	66	53	60	20	10	.01		E	2	71/58	66/55	60/55	.11	39			15	13	98	66	42	68	28
29	68	41	55	15	5	T		N	5	77/55	68/54	61/57	.13	36			15	14	82	70	72	98	29
30	66	41	54	14	4	T		N	8	75/53	67/52	60/56	.15	34			15	16	98	60	42	70	30
31	66	43	55	15	5			S	5	75/55	67/52	60/54	.21	48			15	18	32	62	30	50	31
Sum	2008	1323				3.45							3.83										Sum
Avg	64.8	42.7								73/52	66/52	59/54		46					85	66	53	76	Avg.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 53.7
 Departure from normal + 1.52
 Highest 78 on 17
 Lowest 34 on 14
 Number of days with —
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 0
 Min. 0° or below 0

TIME OF OBSERVATIONS:
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (in.)
 Total for the month 3.45
 Departure from normal .53
 Greatest in 24 hours .57 on 25

* Missing Records

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6													.05	.01										6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12	.03																							12	
13													.01	.05										13	
14														T										14	
15														T										15	
16																								16	
17																								17	
18																								18	
19	.06	.02																						19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25	.10	.10	.10																					25	
26		.05	.05																					26	
27		.01	.02																					27	
28																								28	
29																								29	
30																								30	
31																								31	

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Supplement, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 JUNE 1968

Latitude 44° 38' N.

Longitude 123° 12' W.

Elevation (ground) 225 ft.

Standard time used

Date	Temperature (°F)					Precipitation (Water equivalent) (In.)	Snow, Sleet (In.)	Wind Direction	Velocity (MPH)	Soil Temperatures			Evaporation Open pan (In.)	Wind Movement	Solar Radiation	Relative Humidity				Date					
	Maximum	Minimum	Average	Growing degree days (base 40°)	Growing degree days (base 50°)					Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth				% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	73	51	62	22	12	.25				75/55	66/54	61/57	.11	51				15	19	*	*	*	*	1	
2	66	57	62	22	12	.34		W	4	69/62	63/58	60/57	.01	94				15	21					2	
3	64	44	62	14	4	T		W	10	70/54	64/53	60/57	.10	44				15	22					3	
4	69	44	62	16	6			N	6	74/53	67/52	60/55	.23	56				15	23					4	
5	71	44	62	18	8			N	3	75/54	68/51	61/56	.24	45				15	25					5	
6	71	43	62	17	7			SE	1	77/57	70/55	62/56	.24	66				15	25					6	
7	65	48	62	17	7			W	1	70/58	61/56	60/58	.15	47				15	26					7	
8	65	43	62	13	3			NE	1	67/57	64/56	60/57	.22	15				15	27					8	
9	76	53	65	14	1			W	6	73/55	68/54	62/56	.06	47				15	28					9	
10	66	53	65	25	15			S	2	85/62	74/56	65/54	.20	30				15	30					10	
11	70	51	65	21	11			S	1	80/60	72/60	65/61	.19	51				15	30					11	
12	66	36	51	11	1	.01		N	3	78/52	70/53	63/58	.20	63				15	31					12	
13	68	47	58	18	8	T		N	5	81/53	72/53	64/59	.22	74				15	31					13	
14	68	48	58	18	8	T		N	7	76/58	70/57	62/59	.18	56				15	32					14	
15	74	49	62	22	12			W	4	86/57	77/56	66/59	.25	35				15	32					15	
16	80	47	64	24	14			E	2	91/59	82/56	70/62	.28	37				15	33					16	
17	86	46	66	26	16			S	3	95/62	85/61	72/69	.31	44				15	33					17	
18	80	50	65	25	15			N	5	92/62	84/63	73/66	.26	36				15	33					18	
19	87	53	70	30	20			W	2	97/64	86/64	75/65	.32	45				15	34					19	
20	86	44	55	15	5	.04		W	7	74/57	70/59	70/64	.07	43				15	34					20	
21	74	43	59	19	9			S	2	87/56	79/57	70/61	.29	50				15	34					21	
22	80	50	65	25	15	.06		S	3	97/60	78/59	70/61	.29	42				15	33					22	
23	71	54	63	23	13	.08		S	6	78/64	71/62	67/64	.13	56				15	33					23	
24	76	53	65	25	15			SE	2	87/62	78/63	70/62	.25	50				15	33					24	
25	85	54	70	29	19			S	4	92/60	81/62	73/65	.30	55				15	33					25	
26	92	64	78	38	28			N	6	97/66	89/66	78/68	.27	22				15	33					26	
27	84	55	70	29	19	T		S	3	93/66	83/67	75/70	.27	76				15	32					27	
28	68	41	55	15	5			E	2	83/61	78/62	77/67	.23	62				15	31					28	
29	52	42	52	12	2	.01		N	1	75/60	71/60	67/63	.17	80				15	31					29	
30	63	48	56	16	6	T		N	5	76/60	70/60	66/62	.10	40				15	30					30	
31								S	2																31
Sum	2183	1443				.72							6.17											Sum	
Avg	72.7	48.1								79/57	73/56	67/61	.21	50										Avg.	

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 60.4
 Departure from normal .7
 Highest 92 on 26
 Lowest 36 on 12
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 1
 Min. 32° or below 0
 Min. 0° or below 0

TIME OF OBSERVATIONS:
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.
 * Records missing

PRECIPITATION: (In.)
 Total for the month .79
 Departure from normal -.52
 Greatest in 24 hours .34 on 2

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1		.03													.10	.05	.04	.03							1
2				.02	.02	.06	.02	.06									.02	.06	.06	.02					2
3																				T					3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11						.01																			11
12							T																		12
13																									13
14																									14
15																									15
16																									16
17																									17
18																									18
19																									19
20										.04															20
21																									21
22		.03																							22
23																.02	.02	.02	.02						23
24																									24
25																									25
26																									26
27																									27
28																									28
29																	.01								29
30																									30
31																									31

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published: \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLIP AGRONOMY FARM
 CORVALLIS, OREGON
 JULY 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)						Precipitation		wind		Soil Temperatures			Evaporation		Air Temps.		Solar Radiation		Relative Humidity				Date
	Maximum	Minimum	Average	growing degree days (base 40°)	growing degree days (base 50°)	Total (Water equivalent)	Snow, Sleet (In.)	Direction	Velocity (MPH)	Maximum/Minimum 2" Depth	Maximum/Minimum 1" Depth	Maximum/Minimum 0" Depth	Open pan (In.)	Wind Movement	Max./Min. (1 ft. above ground)	Max./Min. (15 ft. above ground)	Day length (sunrise to sunset hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	76	51	63	24	14			*	*	90/60	81/60	71/62	.29	60				15	30	*	*	*	*	1
2	92	53	73	33	23					96/62	87/64	76/66	.34	45				15	29					2
3	85	52	69	29	19					97/67	87/67	77/70	.31	60				15	29					3
4	83	56	70	30	20					96/67	87/68	77/70	.23	54				15	27					4
5	77	55	66	26	16					92/68	84/68	76/72	.20	52				15	27					5
6	80	52	66	26	16					94/68	86/68	77/70	.21	38				15	26					6
7	89	48	69	29	19					99/67	90/68	80/71	.32	33				15	24					7
8	90	51	71	31	21					98/68	90/68	79/72	.37	54				15	23					8
9	91	49	70	30	20					102/68	91/70	86/74	.35	52				15	22					9
10	84	53	69	29	19					99/69	90/69	80/73	.26	57				15	21					10
11	85	56	71	31	21					102/71	91/71	85/78	.24	26				15	19					11
12	72	58	65	25	15	.03				81/67	77/67	75/70	.12	84				15	18					12
13	75	49	62	22	12	.11				85/65	79/65	73/68	.19	43				15	16					13
14	77	40	59	19	9	.11				92/65	81/64	73/68	.30	101				15	15					14
15	68	41	55	15	5	.11				81/65	75/65	72/67	.13	50				15	14					15
16	73	48	61	21	11					86/62	76/63	71/66	.19	43				15	12					16
17	77	42	60	20	10			N	3	92/61	82/67	73/65	.27	46				15	10					17
18	76	45	61	21	11			N	4	92/60	82/63	74/67	.27	43				15	9					18
19	84	47	66	26	16			N	3	97/63	86/64	76/67	.31	41				15	7					19
20	69	49	59	19	9	.20		N	11	77/59	72/60	70/65	.10	67				15	5					20
21	76	48	62	22	12			N	4	87/61	79/61	71/63	.33	92				15	3					21
22	75	46	61	21	11			N	10	91/60	80/62	72/65	.30	79				15	1					22
23	74	49	62	22	12			N	5	88/62	80/62	71/66	.27	68				14	59					23
24	79	47	63	23	13			E	2	92/60	83/62	73/66	.28	53				14	57					24
25	78	50	64	24	14			NE	2	95/64	85/64	75/67	.25	44				14	55					25
26	82	51	67	27	17			N	7	96/66	85/66	76/68	.26	51				14	53					26
27	88	54	71	31	21			N	1	95/65	86/67	76/70	.28	56				14	51					27
28	94	53	74	34	24			E	1	101/70	90/68	80/72	.21	30				14	49					28
29	93	53	73	33	23			N	7	100/69	90/71	80/70	.45	55				14	47					29
30	89	50	70	30	20			N	6	100/67	90/70	80/74	.35	66				14	45					30
31	91	54	73	33	23			SW	2	97/66	89/67	78/70	.37	69				14	42					31
Sum	2522	2550				.34							8.35											Sum
Avg	81.3	50								93/65	81/66	64/60		56										Avg

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure

TEMPERATURE: (°F)
 Average monthly 65.6
 Departure from normal .8
 Highest 94 on 28
 Lowest 40 on 14
 Number of days with —
 Max. 32° or below 0
 Max. 90° or above 6
 Min. 32° or below 0
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.

(2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.
 * Records missing

PRECIPITATION: (In.)
 Total for the month .34
 Departure from normal .00
 Greatest in 24 hours .20 on 20

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																									1
2																									2
3																									3
4																									4
5																									5
6																									6
7																									7
8																									8
9																									9
10																									10
11																									11
12							.02	.01																	12
13											T														13
14																									14
15															.09	.02									15
16															T										16
17																									17
18																									18
19																									19
20											.05	.07	.11												20
21																									21
22																									22
23																									23
24																									24
25																									25
26																									26
27																									27
28																									28
29																									29
30																									30
31																									31

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 AUGUST 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)				Precipitation (Total (Water equivalent (In.))	Snow, Sleet (In.)	Wind Direction	Velocity (MPH)	Soil Temperatures			Evaporation Open pan (In.)	Wind Movement	Solar Radiation	Relative Humidity				Date					
	Maximum	Minimum	Average	Growing degree days (base 40°)					Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth				4 a.m.	10 a.m.	4 p.m.	10 p.m.						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	98	51	75	35	25	.01		*	*	102/70	92/71	80/72	.35	38				14	40	*	*	*	*	1
2	87	56	72	32	22	.01				97/70	87/71	79/74	.10	40				14	38					2
3	85	51	68	28	18				1	96/70	87/71	79/74	.23	18				14	36					3
4	76	52	64	24	14			S	3	89/69	81/70	75/72	.17	32				14	32					4
5	75	58	67	27	17			S	2	90/70	82/70	75/70	.22	44				14	30					5
6	77	58	68	28	18			S	9	94/69	85/67	76/71	.24	65				14	28					6
7	79	48	64	24	14			N	5	94/65	85/67	76/71	.28	51				14	25	50				7
8	84	52	68	28	18			N	6	95/66	86/67	77/71	.31	35				14	23	60	28	84		8
9	86	55	71	31	21			N	7	94/65	85/68	77/71	.28	43				14	21	70	24	58		9
10	90	49	70	30	20	T		E	1	93/67	84/68	75/69	.19	26				14	17	80	22	80		10
11	93	48	71	31	21			E	1	106/67	87/68	78/70	.29	34				14	15	100	50	24	80	11
12	88	44	66	26	16			N	7	98/66	87/68	78/72	.29	33				14	12	98	52	20	78	12
13	84	46	65	25	15			N	5	93/64	85/67	76/71	.31	54				14	10	100	62	100	100	13
14	68	55	62	22	12	.21		W	7	80/64	75/65	71/86	.08					14	7	96	54	44	86	14
15	69	47	58	18	8	.06		W	5	77/59	72/60	68/65	.23	90				14	4	100	54	34	100	15
16	73	52	63	23	13	.19		W	4	84/58	75/59	68/64	.15	31				14	1	99	62	46	98	16
17	70	46	58	18	8	.48		S	4	80/58	73/60	67/64	.15					13	58	99	74	56	98	17
18	69	54	62	22	12	.15		SW	3	71/61	66/60	63/62	0					13	56	99	78	60	99	18
19	64	54	59	19	9	.47		S	3	70/60	64/59	63/62	0					13	53	99	100	72	100	19
20	66	49	58	18	8	.28		N	6	76/59	67/59	63/61	.14					13	51	100	88	46	90	20
21	70	45	58	18	8			E	2	76/57	70/58	65/59	.15	39				13	47	99	99	64	92	21
22	73	48	61	21	11			S	4	78/56	70/57	65/61	.20					13	44	98	50	76	98	22
23	68	53	61	21	11	.41		S	9	71/58	65/58	63/61	.21	101				13	41	98	88	90	98	23
24	65	54	60	20	10	1.35		N	3	67/61	63/60	61/61	0	69				13	39	98	94	48	98	24
25	59	52	56	16	6	1.29		N	3	65/61	61/58	60/60	0	33				13	36	98	72	58	92	25
26	69	57	63	23	13	.07		S	2	70/60	65/57	60/60	.10	123				13	32	98	88	92	82	26
27	68	58	63	23	13	.17		S	8	70/62	66/60	62/61	.06	93				13	29	78	88	62	94	27
28	66	53	60	20	10	.09		S	2	68/60	64/59	60/61	.05	59				13	27	92	90	50	76	28
29	73	55	64	24	14			N	8	76/60	68/58	63/59	.14	70				13	24	98	82	40	62	29
30	81	56	69	29	19			N	8		70/58	65/60	.23	135				13	21	92	58	34	58	30
31	88	53	71	31	21			S	1		72/58	61/60	.24	73				13	18	98	66	32	81	31
Sum	2361	1609				5.24						69/66	5.39											Sum
Avg	76.1	51.9								83/63	75/65									95	71	57	87	Avg

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 64
 Departure from normal - 2.1
 Highest 98 on 1
 Lowest 44 on 12
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 3
 Min. 32° or below 0
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (In.)
 Total for the month 5.24
 Departure from normal + 4.83
 Greatest in 24 hours 1.35 on 24

* Records missing.

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
1																									1			
2												.01													2			
3																					.01				3			
4																									4			
5																									5			
6																									6			
7																									7			
8																									8			
9																									9			
10																									10			
11																					T				11			
12																									12			
13																									13			
14																									14			
15												.06			.03	.06	.10	.02							15			
16																									16			
17						.09															.12	.05	.02		17			
18																							.15		18			
19	.04	.05	.03	.01	.02	.02					.13											.05	.05	.04	.04	.04	19	
20																.02	.06	.10				.05				20		
21																										21		
22																										22		
23	.03	.05	.06	.04	.02	.03																.03	.04	.07	.04	23		
24	.05	.01	.09	.17	.01	.01	.12	.06	.09	.01	.01	.04	.01	.01	.01	.07	.06	.06	.08	.06	.08	.03	.02	.01	.01	.11	.20	24
25	.07	.10	.07	.16	.03																	.04	.05	.11	.02	.04	.07	25
26					.04																						26	
27																											27	
28									.02	.07																	28	
29																											29	
30																											30	
31																											31	

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 SEPTEMBER 1956

Latitude 44° 36' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)			Precipitation		Wind		Soil Temperatures			Evaporation		Solar Radiation		Relative Humidity				Date				
	Maximum	Minimum	Average	Growing degree days (base 40°)	Growing degree days (base 50°)	Total (water equivalent) (In.)	Snow, Sleet (In.)	Direction	Velocity (MPH)	Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth	Open pan (In.)	Wind movement	Day length (sunrise to sunset) (hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.		% 10 p.m.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	89	51	70	30	20			W	1	*	77/62	69/64	.20	25			13 14	*	*	*	*	1	
2	70	50	66	20	10			E	1		69/60	65/63	.10	35			13 12					2	
3	72	47	60	25	10			E	1		71/58	66/62	.20	46			13 9					3	
4	78	52	65	35	15			N	5		72/57	66/62	.21	59			13 6					4	
5	84	56	70	30	20			S	4		74/58	67/61	.28	108			13 3					5	
6	90	50	70	30	20			S	1		78/62	70/65	.27	56			13 0					6	
7	80	50	65	25	15			N	7		77/62	70/65	.18	31			12 57					7	
8	78	46	62	22	12			E	1		75/60	68/63	.15	11			12 54					8	
9	82	50	66	26	16			S	3		76/59	69/64	.13	18			12 51	98	76	68	88	9	
10	65	51	58	16	8			W	2		65/61	65/63	.05	27			12 48	100	52	42	98	10	
11	78	47	63	23	13			E	1		75/60	68/63	.16	18			12 45	100	70	70	98	11	
12	70	50	60	20	10			N	7		67/60	65/62	.07	32			12 42	92	52	36	78	12	
13	71	52	62	22	12	.12		S	2		72/60	66/63	.28	48			12 39	98	98	98	100	13	
14	61	51	56	16	6	.44		S	6		62/60	62/61	0	56			12 36	100	96	84	92	14	
15	62	50	56	16	6	.21		S	5		61/56	61/59	0	88			12 32	100	82	56	100	15	
16	65	49	57	17	7	.03		E	2		64/56	60/56	.04	53			12 29	100	100	48	88	16	
17	71	51	61	21	11			E	3		69/56	63/58	.11	21			12 27	100	60	48	88	17	
18	76	52	64	24	14	.71		N	3		70/59	64/60	.10	75			12 24	100	70	58	88	18	
19	61	46	54	14	4	.28		SW	3		64/55	62/59	.10	41			12 21	100	80	52	90	19	
20	61	41	51	11	1	.10		W	1		63/54	59/56	.14	56			12 18	100	84	52	100	20	
21	62	40	51	11	1	.10		E	4		63/53	58/55	.09	24			12 14	100	100	46	100	21	
22	63	40	52	12	2			N	1		64/52	58/55	.08	15			12 11	100	70	44	100	22	
23	68	42	55	15	5			S	1		66/51	60/55	.10	8			12 8	100	84	52	78	23	
24	73	45	59	19	9			E	1		66/51	60/56	.13	69			12 5	100	100	50	96	24	
25	76	43	60	20	10			SW	1		67/55	62/57	.12	26			12 2	100	82	50	96	25	
26	76	47	62	22	12			N	2		67/55	62/59	.12	19			11 58	100	100	50	98	26	
27	76	48	62	22	12			N	7		66/55	61/59	.08	42			11 56	100	80	44	82	27	
28	64	46	55	15	5			N	8		64/51	60/56	.26	76			11 53	86	56	34	52	28	
29	78	53	66	26	16			N	4		65/52	60/56	.12	110			11 50	60	50	36	76	29	
30	81	45	63	23	13			E	1		69/59	63/58	.19	56			11 47	100	88	44	92	30	
31																							31
Sum	2181	1146				1.99							3.96										Sum
Avg	72.3	48.3									68/57	61/60		46					97	80	53	90	Avg.

* In columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 60.3
 Departure from normal - 1.8
 Highest 90 on 6
 Lowest 40 on 21 & 22
 Number of days with -
 Max. 32° or below 0
 Max. 90° or above 1
 Min. 32° or below 0
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (In.)
 Total for the month 1.99
 Departure from normal + .65
 Greatest in 24 hours .71 on 18

* Records missing.

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1																								1	
2																								2	
3																								3	
4																								4	
5																								5	
6																								6	
7																								7	
8																								8	
9																								9	
10																								10	
11																								11	
12																								12	
13						.06	.06																	13	
14																								14	
15																								15	
16																								16	
17																								17	
18																								18	
19																								19	
20																								20	
21																								21	
22																								22	
23																								23	
24																								24	
25																								25	
26																								26	
27																								27	
28																								28	
29																								29	
30																								30	
31																								31	

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU

LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
CORVALLIS, OREGON
OCTOBER 1968

Latitude $44^{\circ} 38' N.$ Longitude $123^{\circ} 12' W.$ Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)						Precipitation	Wind		Soil Temperatures				Evaporation		Solar Radiation				Relative Humidity				Date
	Maximum	Minimum	Average	Growing degree days (base 10°)	Growing degree days (base 50°)	Total (Water equivalent) (In.)	Snow, Sleet (In.)	Direction	Velocity (MPH)	Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset-hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.					
1	74	41	58	18	8			N	4		68/54		.11	*	11 43	100	66	42	92	1				
2	66	38	52	12	2			N	7		64/50		.15		11 40	86	84	34	34	2				
3	69	37	53	13	3			S	1		62/50		.16		11 37	100	56	34	78	3				
4	73	36	55	15	5			S	4		63/49		.03		11 35	98	96	44	84	4				
5	67	36	52	12	2	.08		S	1		64/50		.13		11 31	98	98	40	66	5				
6	65	35	50	10	0	.03		S	1		62/49		.10		11 28	98	98	52	88	6				
7	61	35	48	8	0	.02		S	3		60/50		.06		11 25	98	98	44	84	7				
8	60	36	48	8	0	.04		S	2		58/48		.06		11 19	98	98	52	60	8				
9	57	37	47	7	0			S	2		55/46		.05		11 16	98	98	54	96	9				
10	60	39	50	10	0	.09		S	4		54/47		.02		11 13	98	98	72	88	10				
11	60	47	54	14	4	.68		E	3		56/51		0		11 11	86	98	70	82	11				
12	58	47	53	13	3	1.28		W	1		54/50		.10		11 7	96	100	52	100	12				
13	54	42	48	8	0	.60		W	2		53/47		.10		11 7	96	86	74	78	13				
14	61	41	51	11	1	.21		S	9		56/48		.08		11 1	100	96	92	100	14				
15	54	42	48	8	0	.60		S	12		50/47		.08		11 1	100	100	58	100	15				
16	53	43	48	8	0	.35		S	1		50/47		.05		10 58	100	90	86	96	16				
17	62	41	52	12	2			SW	3		57/47		.04		10 55	100	100	40	98	17				
18	64	37	51	11	1	.28		Calm			58/47		.03		10 52	100	100	64	98	18				
19	59	36	48	8	0			S	2		56/47		.04		10 49	98	90	52	98	19				
20	56	41	49	9	0	.81		S	4		51/45				10 46	98	96	66	90	20				
21	60	38	49	9	0			N	1		56/47				10 44	98	92	66	90	21				
22	60	40	50	10	1	.42		S	3		55/46				10 40	100	90	80	100	22				
23	61	43	52	12	2	.01		Calm			56/50		.02		10 37	100	90	44	98	23				
24	70	44	56	16	6			Calm			60/50		.06		10 35	98	98	96	98	24				
25	54	47	51	11	1			S	4		55/52		.09		10 31	98	98	88	94	25				
26	59	40	50	10	0	.04		N	11		56/48		.01		10 29	94	70	42	92	26				
27	65	38	57	17	7			Calm			55/48		.06		10 26	98	98	42	96	27				
28	67	41	54	14	4			W	2		56/46		.03		10 23	6	80	54	84	28				
29	69	48	59	19	9	.14		S	6		58/48				10 20	96	82	80	88	29				
30	62	46	54	14	4	.62		S	6		55/50				10 18	90	98	62	100	30				
31	55	34	45	5	0	.02		N	5		54/45				10 14	100	100	70	98	31				
Sum	915	424				6.32							1.61							Sum				
Avg	61.8	40.1									57/48					94	92	59	89	Avg.				

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 50.9
 Departure from normal - 2.7
 Highest 74 on 31
 Lowest 34 on 31
 Number of days with —
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 0
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (In.)
 Total for the month 6.32
 Departure from normal - 2.54
 Greatest in 24 hours 1.28 on 12

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
1																									1	
2																										2
3																										3
4																										4
5																										5
6																										6
7																										7
8																										8
9																										9
10																										10
11	.03	.01	.03	.02					.02	.01		.01														11
12				.12	.26	.25																				12
13	.09			.04	.10		.24	.35	.21	.08	.06	.01	.24	.04	.01									.04	13	
14													.05	.05	.05											14
15								.10	.15	.05	.20	.10	.05	.05	.05										15	
16								.05	.05	.05	.02	.03	.05	.05	.05										16	
17																										17
18																										18
19																										19
20																	.07	.07	.12	.07	.08	.15	.17	.08	20	
21																										21
22	.05	.09	.05	.07	.01																.05	.02	.06	.05	22	
23																										23
24																										24
25																										25
26													.01	.01												26
27																										27
28																										28
29				.01	.07	.06																				29
30	.05	.05	.05																		.05	.01	.01	.05	30	
31										.01	.01														31	

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 NOVEMBER 1968

Latitude 44° 38' N.

Longitude 123° 12' W.

Elevation (ground) 225 ft.

Standard time used

Date	Temperature (°F)						Precipitation		Wind		Soil Temperatures				Evaporation		Solar Radiation		Relative Humidity				Date
	Maximum	Minimum	Average	Growing degree days (base 40°)	Growing degree days (base 50°)	Total (Water equivalent) (In.)	Snow, Sleet (In.)	Direction	Velocity (Mph)	Maximum/Minimum 2" Depth	Maximum/Minimum 4" Depth	Maximum/Minimum 8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset) (a.s. and mins.)	4 a.m.	10 a.m.	4 p.m.	10 p.m.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	51	34	43	3	0			N	4				*	*			10 12	99	99	88	98	1	
2	50	37	44	4	0	.44		W	4								10 9	98	98	76	98	2	
3	57	41	49	9	0	.09		N	4								10 6	100	100	56	100	3	
4	52	30	41	1	0			S	1								10 4	100	100	80	100	4	
5	50	33	42	2	0			NE	1								10 0	100	96	58	98	5	
6	56	34	45	5	0			Calm									9 58	100	100	95	100	6	
7	47	37	42	2	0	.55		N	3								9 56	100	98	100	100	7	
8	56	44	50	10	0	1.01		S	9								9 52	100	94	100	98	8	
9	61	50	55	15	5	.50		W	5								9 50	78	51	62	100	9	
10	61	40	51	11	1	.40		E	2								9 48	100	100	100	90	10	
11	60	44	52	12	2	.48		SW	6								9 45	*	100	*	*	11	
12	58	42	50	10	0	.64		S	5								9 41					12	
13	51	38	45	5	0	.13		S	4								9 43					13	
14	52	32	42	2	0	.04		N	3								9 41					14	
15	42	28	35	0	0			W	4								9 38					15	
16	48	30	39	0	0	.03		SW	3								9 36					16	
17	50	43	47	7	0			N	2								9 34					17	
18	47	44	46	6	0	.67		N	3								9 31					18	
19	51	39	45	5	0	.16		W	3								9 29					19	
20	52	40	46	6	0	.01		S	2								9 27					20	
21	61	41	51	11	1			S	2								9 25					21	
22	54	45	50	10	0	1.03		SE	1								9 22					22	
23	58	41	50	0	0	.02		Calm									9 21					23	
24	59	40	49	9	0	.03		S	8								9 19					24	
25	46	41	44	4	0	.06		Calm									9 17					25	
26	52	38	45	5	0			SW	3								9 15					26	
27	51	36	44	4	0	.11		Calm									9 13					27	
28	52	35	44	4	0			Calm									9 12					28	
29	51	38	45	5	0			S	12								9 10					29	
30	51	38	45	5	0	.12		S	8								9 9					30	
31	52	34	43	3	0			S	8								9 6					31	
Sum	1588	1119				6.52																Sum	
Avg	52.9	38.3																	98	94	82	98	Avg.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure

TEMPERATURE: (°F)
 Average monthly 45.6
 Departure from normal + .09
 Highest 61 on 9, 10 & 21
 Lowest 28 on 15
 Number of days with —
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 4
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.

PRECIPITATION: (In.)
 Total for the month 6.52
 Departure from normal + .79
 Greatest in 24 hours 1.03 on 22

* Rest of month missing.

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date			
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12				
1																								1				
2																			.03	.05	.07	.03	.01	.07	2			
3	.05	.05	.05	.01	.01	.01																		3				
4	.09																							4				
5																								5				
6																								6				
7																			.05	.09	.14	.08	.05	.11	.02	.01	.07	7
8	.04	.01	.05	.07	.02	.08	.02												.05	.07	.08	.22	.17	.07	8			
9																			.09	.02	.01				9			
10					.05	.10	.12	.12	.01	.02	.01								.04	.01					10			
11	.02	.03			.05	.02	.06	.11	.02	.01									.01	.02	.01	.01	.01	.01	11			
12				.02	.05	.01	.01	.07	.02	.08	.06	.03							.01	.02	.01	.01	.01	.01	12			
13																			.02	.06	.02	.01	.01		13			
14																			.01	.02	.01				14			
15																									15			
16										.01	.02														16			
17											.02	.01	.01						.05	.05	.07	.03	.08	.13	.07	.07	17	
18			.05		.01	.02		.04	.09	.02	.01															18		
19																										19		
20																										20		
21																										21		
22	.02																				.06	.20			22			
23																					.02				23			
24		.03	.01	.02	.01							.01													24			
25																									25			
26																									26			
27														.02	.09	.06									27			
28																									28			
29																									29			
30										.02	.03	.05	.02												30			
31																									31			

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville



U. S. DEPARTMENT OF COMMERCE, WEATHER BUREAU
LOCAL CLIMATOLOGICAL DATA

HYSLOP AGRONOMY FARM
 CORVALLIS, OREGON
 DECEMBER 1968

Latitude 44° 38' N. Longitude 123° 12' W. Elevation (ground) 225 ft. Standard time used

Date	Temperature (°F)			Precipitation (In.)	Wind Direction Velocity (MPH)	Soil Temperatures			Evaporation		Solar Radiation		Relative Humidity				Date							
	Maximum	Minimum	Average			Maxi Maximum 2" Depth	Mini imum 4" Depth	Maxi imum 8" Depth	Open pan (In.)	Wind Movement	Day length (sunrise to sunset hrs. and mins.)	% 4 a.m.	% 10 a.m.	% 4 p.m.	% 10 p.m.									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	41	36	39	0	0	.61		SW	7				*	*				9 5	*	*	*	*	1	
2	46	36	41	1	0	.03		S	12									9 5					2	
3	47	40	44	4	0	.08		S	13									9 5					3	
4	48	32	40	0	0	1.69		N	5									9 5					4	
5	45	33	39	0	0	2.05		N	1									9 5					5	
6	47	31	39	0	0	.04		N	6									9 5					6	
7	40	33	37	0	0	.01		S	1									9 5					7	
8	52	35	44	4	0	.09		S	1									9 5					8	
9	50	39	45	5	0	.30		W	7									9 5					9	
10	49	40	45	5	0	2.16		N	3									9 5					10	
11	50	38	44	4	0	1.27	1.3	S	9									9 5					11	
12	47	34	41	1	0	.20		S	2									9 5					12	
13	47	35	41	1	0	T		Calm										9 5					13	
14	46	37	42	2	0	.64		S	3									9 5					14	
15	57	44	51	11	1	.04		S	1									9 5					15	
16	47	34	41	1	0	.85	T	W	4									9 5					16	
17	39	29	34	1	0	.49	.3	S	3									9 5					17	
18	44	31	43	3	0	.31		SW	4									9 5					18	
19	43	29	36	0	0	.37	1.5	N	5									9 5					19	
20	35	24	29	0	0			Calm										9 5					20	
21	33	24	29	0	0			S	4									9 5					21	
22	36	31	34	0	0	T		S	1									9 5					22	
23	47	31	39	0	0	.70	1.5	S	7									9 5					23	
24	51	44	48	8	0	.46		S	8									9 5					24	
25	50	32	41	1	0	.19		N	4									9 5					25	
26	42	35	38	0	0	.01		W	2									9 5					26	
27	46	35	41	1	0	.72		S	10									9 5					27	
28	44	33	39	0	0	.51		W	5									9 5					28	
29	49	28	39	0	0	.04	.2	S	1									9 5					29	
30	36	11	24	0	0	.50	2.3	N	14									9 5					30	
31	44	10	12	0	0	.11	.5	S	1									9 5					31	
Sum	1368	1000				14.44																		Sum
Avg	44.1	32.4																						Avg.

T in columns 7, 8, 9 and in the Hourly Precipitation table indicates an amount too small to measure.

TEMPERATURE: (°F)
 Average monthly 38.2
 Departure from normal - 2.8
 Highest 57 on 15
 Lowest 10 on 31
 Number of days with —
 Max. 32° or below 0
 Max. 90° or above 0
 Min. 32° or below 13
 Min. 0° or below 0

TIME OF OBSERVATIONS
 (1) Data tabulated in Columns 2, 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16 and 17 are for the 24-hour period ending at 8:00 a.m.
 (2) Data tabulated in Columns 9 and 10 are the wind direction and velocity at 8:00 a.m.
 * Records missing

PRECIPITATION: (In.)
 Total for the month 14.44
 Departure from normal + 7.39
 Greatest in 24 hours 2.16 on 10

HOURLY PRECIPITATION (In.)

Date	A. M. Hour ending at												P. M. Hour ending at												Date
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
1						.02		.05	.03	.01			.05	.02				.07	.01	.02	.07	.08	.05	.08	1
2	.01	.01																							2
3		.02	.01							.02	.01	.01											.01	.01	3
4	.02						.05	.02	.02	.02	.01	.01	.02	.01	.02	.01	.01	.01	.02	.01	.02	.20	.27	.18	4
5	.19	.15	.12	.10	.07	.13	.05	.02	.02	.12	.22	.24	.22	.24	.36	.13	.12	.01	.01	.02	.01				5
6			.01	.01	.01	.02	.10	.01	.01	.02															6
7																									7
8					.02	.02	.01			.02			.02												8
9					.17	.13																			9
10	.19	.10	.11	.12	.18	.14	.02	.05	.14	.07	.10	.05	.12	.12	.12	.13	.07	.04	.05	.05	.06	.07	.12	.07	10
11		.15	.17	.07	.12	.03	.35	.10	.01							.08						.07	.12		11
12				.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01						12
13																									13
14																									14
15						.02	.01	.01							.07	.10	.14	.10	.06	.06	.07	.04			15
16							.17		.07	.06	.08	.05	.06	.07	.07	.06							.04		16
17		.08	.02		.02			.05	.08	.02	.03	.02	.17	.09	.03										17
18								.02					.02	.09	.08	.02	.01	.04	.02	.01					18
19										.02	.10	.10	.05	.02	.01										19
20																									20
21																									21
22																									22
23			.02		.05					.07	.06		.05	.05	.04	.06	.10	.10	.05	.05					23
24	.05	.03								.03			.07	.05		.01	.01	.02	.05			.04	.10	.05	24
25					.09								.01	.05	.05										25
26													.01												26
27	.02	.03	.04	.05	.05	.05				.03	.05		.05	.10	.01	.06	.03	.02			.05	.06	.02		27
28	.02							.01	.02	.03	.05	.02	.01	.01	.01	.01	.05	.05	.05	.03	.07	.05	.01	.01	28
29																									29
30													.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10	30
31																		.01	.05	.02	.01	.01			31

Corrections, if any, to data in this issue will be published in a later issue.

Subscription Price: Monthly Local Climatological Data \$1.00 per year including annual Summary if published; \$1.00 per year for monthly Supplement only; \$1.50 per year for monthly Summary, monthly Supplement and annual Summary if published. Single copy prices: 10 cents for monthly Summary; 10 cents for monthly Supplement; 15 cents for annual Summary.

Checks and money orders should be made payable and remittances and correspondence should be sent to the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of January

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	59	1940	3	1924	1.15	1933
2	57	1953	8	1924	1.58	1933
3	58	1902	18	1959	3.43	1907
4	60	1914	16	1924	2.38	1966
5	64	1914	10	1924	1.65	1914
6	60	1914	13	1924	2.55	1923
7	60	45,14	11	1937	2.00	1942
8	60	1962	10	09,37	1.36	1953
9	56	33,45,53	6	1909	1.38	1959
10	57	1953	12	1909	1.53	1950
11	59	1928	0	1909	1.43	1918
12	57	1945	1	1909	2.55	1936
13	55	04,19	12	09,30	2.52	1901
14	56	1970	13	1930	1.13	1915
15	57	1961	7	1907	1.45	1937
16	60	1958	17	1907	1.16	1954
17	58	1919	15	1916	3.40	1911
18	60	1919	11	1950	2.25	1911
19	58	1961	8	1916	1.38	1953
20	60	1968	12	1949	2.00	1964
21	61	1968	4	1930	1.78	1914
22	62	1931	11	1927	.75	1970
23	59	05,19,31,70	11	1962	1.51	1970
24	61	31,35	11	02,43	1.14	1941
25	61	1935	12	02,30,49	1.73	1970
26	61	1924	15	1957	1.27	1942
27	64	1931	7	1957	1.69	1959
28	64	1931	11	1957	4.28	1965
29	59	20,40	12	1957	1.28	1958
30	64	1940	12	1957	.75	1958
31	60	40,60	-1	1950	1.29	1958

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of February

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	66	1940	12	1950	1.23	1947
2	59	1960	3	1950	1.25	1925
3	62	1917	1	1950	1.78	1942
4	61	1928	12	1950	1.96	1926
5	61	52,30	25	1903	1.00	1908
6	60	1961	20	1948	1.98	1943
7	63	1947	21	1929	1.27	1945
8	62	1952	17	1929	1.34	1922
9	63	1951	11	1933	2.56	1919
10	63	51,63	17	29,33	2.76	1961
11	64	1963	18	05,29	1.11	1961
12	62	1931	15	1954	1.38	1954
13	61	31,47	18	1905	1.23	1954
14	62	1951	21	1905	2.00	1904
15	66	1902	21	1936	1.68	1904
16	68	1902	17	1956	1.93	1970
17	67	1916	20	1956	2.13	1949
18	64	16,43	23	1936	1.26	1949
19	65	1916	21	1955	1.57	1968
20	62	1916	24	1955	1.41	1921
21	62	1941	23	1955	2.17	1956
22	63	02,32,50	25	20,42	1.17	1949
23	63	16,47	24	20,47	.78	1909
24	69	1905	22	1920	1.29	14,26
25	65	1905	21	1962	1.47	1902
26	68	1932	17	1962	1.17	1919
27	68	1932	18	1962	.66	1965
28	68	1901,68	25	13,18	1.00	1940
29	68	1968	26	1960	.77	1904

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of March

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	72	1905	21	1960	.84	1904
2	73	1905	26	48,53	.82	1956
3	68	26,28	20	1923	1.62	1916
4	65	28,43,65	21	1923	1.52	1902
5	64	1965	23	1955	.70	1960
6	65	1965	14	1956	1.32	1916
7	73	1905	23	1956	.76	1957
8	76	1905	27	23,55	1.10	1951
9	77	1905	27	1951,68	1.67	1966
10	72	1941	27	1956	1.26	1907
11	72	1934	24	1903	.97	1961
12	72	1934	24	1906	1.38	1946
13	71	1934	22	1906	.82	1961
14	78	1926	25	17,23	.90	1912
15	78	1947	22	1926	1.74	1908
16	77	1947	25	06,17	1.38	1921
17	78	1947	22	1906	1.00	1945
18	77	1947	26	1917	1.67	1938
19	73	1914	28	1965	.80	1922
20	76	1915	28	1954	.95	1904
21	75	1915	29	12,44	.96	1905
22	75	15,39	29	1952	1.10	1938
23	73	1915	28	1924	1.05	1907
24	69	1953	29	16,42	.77	1932
25	71	1930	24	1913	1.28	16,62
26	73	1941	28	1919	1.89	1916
27	77	1941	27	1922	1.35	1940
28	74	1969	30	44,49,61	.80	1904
29	77	1923	28	1925	1.86	1963
30	78	1923	25	1936	1.90	1963
31	77	1911	28	1920,70	1.76	1943

The Daily Extreme Values of Temperature and Precipitation
Since 1890 through 1969 at Corvallis, Oregon

Month of April

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	77	1911	30	1936	1.13	1934
2	78	1944	28	1906,70	.45	1923
3	76	1951	24	1918	.66	1954
4	80	1949	26	1918	.85	1901
5	82	1930	28	1956	.92	1941
6	80	1906	28	11,59	.88	1902
7	78	1939	28	1921	.77	1907
8	75	28,38	28	1919	.58	1920
9	79	1904	30	22,27,29	.74	1914
10	80	1904	29	1927	1.10	1914
11	86	1904	29	1927	.66	1944
12	85	1904	28	1903	.62	1937
13	84	43,47	24	1968	2.06	1937
14	84	43,47	27	11,19	1.14	1929
15	85	1926	29	1955,67	.69	1937
16	80	1947	29	1960	.59	1938,63
17	83	1939	28	1964	1.06	1908
18	83	1939	29	1902	.65	1925
19	82	1965	28	1927,68	.82	1965
20	88	1906	29	1927	.50	1960
21	82	1934	29	1968	.53	1923
22	80	1905	30	1922	.52	1915
23	87	1910	30	04,22	.45	1928
24	86	1910	29	1942	.43	1936
25	83	1926	30	1908	.47	1906
26	88	1947	31	05,43	.47	1937
27	88	1926	30	1955	1.37	1962
28	91	1926	28	1913	.48	1951
29	88	1926	27	1954	.42	10,55
30	85	1957	29	1912	.60	1940

The Daily Extreme Values of Temperature and Precipitation
Since 1890 through 1969 at Corvallis, Oregon

Month of May

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	85	1947	28	1915	1.03	1949
2	86	1946	29	1964	.51	1941
3	84	1944	31	1964	.83	1948
4	82	1944	32	1952	2.23	1941
5	85	1931	28	1909	1.15	1941
6	84	1953	30	1909	1.58	1963
7	90	1905	32	1903	1.12	1963
8	88	1906	30	1922	.68	1916
9	84	1940	32	08,26	.59	1957
10	89	1931	31	1920	.90	1937
11	88	1931	31	1916	.43	1905
12	91	1949	34	1958	.53	1945
13	95	1939	33	1958,64	.90	1902
14	91	1939	33	1920	.69	06,36
15	82	1925	36	1910	.69	1901
16	86	1922	34	1917	.49	1945
17	88	1956	36	09,43	.98	1941
18	92	1956	33	1909	.94	1957
19	86	1946	32	1927	.70	1969
20	91	1928	36	03,53	.46	1968
21	92	1963	33	09,55	.77	1939
22	90	1938	31	1920	.64	1939
23	92	1947	36	09,35	.66	1968
24	91	1938	33	11,26	.33	1953
25	91	1928	31	1920	.67	1968
26	88	02,36,38	31	1922	.52	1960
27	82	04,52	33	21,54,66	.26	1953
28	86	1952	35	1914	.22	1958
29	90	1931	34	1911	.68	1932
30	93	1931	30	1920	.53	1943
31	99	1922	30	1919	.93	1956

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of June

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	92	1913	32	1929	.44	1947
2	92	1937	38	10,12,27,49	.38	1947
3	94	1950	36	1903	.51	1930
4	90	1935,69	33	1950	.35	1905
5	96	1935	38	09,53	.60	1959
6	96	1935	34	1918	.54	1953
7	98	1903	37	1961	.65	1914
8	91	1948	37	1919	1.68	1927
9	95	1955	39	1938	.63	1954
10	94	1955	38	1946	.34	1915
11	96	1940	38	1956	.94	1910
12	94	1940	35	1917	.70	1912
13	91	1916	36	1955	.43	1931
14	88	16,40	41	1923	.55	1936
15	96	1916	37	1952	1.03	1906
16	98	1966	35	1955	.44	1903
17	94	1961	35	1911	1.32	1931
18	97	1961,69	36	1911	.45	1937
19	91	45,46,67	38	1914	1.06	1937
20	98	1902	35	1911	.69	1910
21	91	1918	38	1914	.68	1943
22	92	26,58	39	08,19	.80	1913
23	96	1926	37	1920	.76	1969
24	102	1925	32	1911	.31	1941
25	101	1925	38	1901	.65	1942
26	95	1907	43	1909,63,66	.48	1911
27	91	18,37	37	1965	.52	1969
28	95	1957	38	1919	.52	1955
29	100	1924	38	1919	2.14	1952
30	100	1942	40	19,27,56,61	.50	1916

The Daily Extreme Values of Temperature and Precipitation
Since 1890 through 1969 at Corvallis, Oregon

Month of August

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	101	1965	43	10,26,37,69	.07	1964
2	101	1939	43	26,55	.28	1956
3	98	1939	43	1950	.46	1947
4	100	01,52	42	1903	.42	1933
5	99	1932	41	1909	.35	1943
6	102	1902	41	1909	.19	1947
7	100	1941	41	1926	.28	1907
8	100	25,39	41	1909	.21	1907
9	102	1960	41	1912	.33	1932
10	99	1967	42	1903	.09	1932
11	97	1961	41	08,59	.55	1922
12	101	1920	43	10,18	.43	1965
13	99	1920	42	27,55	.06	1913
14	102	1942	40	1955	.21	1968
15	99	1942	42	1955	.45	1912
16	100	19,27	41	1909	.67	1912
17	100	1940	42	1914	.48	1968
18	98	1940	40	1913	.70	1926
19	99	1951	40	1964	.47	1968
20	98	1951	41	22,52	.28	1968
21	99	1950	41	09,47	.32	1943
22	99	1942	38	1955	.55	1925
23	97	1917	42	1901	.41	1968
24	96	1918	35	1910	1.35	1968
25	99	1918	41	21,25	1.29	1968
26	99	1935	39	1957	.83	1953
27	99	1935	40	1925	.62	1941
28	100	1931	39	1957	.48	1912
29	98	1944,67	39	1924	.95	1943
30	99	1918	39	1907	.25	1912
31	96	1918	37	1914	.69	1939

The Daily Exptreme Values of Temperature and Precipiatation
 Since 1890 through 1969 at Corvallis, Oregon

Month of July

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	101	1942	40	1919	.69	1902
2	104	1942	38	1910	.47	1902
3	99	1922	36	18,21	.50	1913
4	95	1967	39	1926	.20	1963
5	94	1926	40	1919	.34	1961
6	97	1960	40	1902	.81	1909
7	100	1960	40	1955	.41	1923
8	102	1905	39	11,26	.57	1946
9	100	1926	39	1960,64	.25	1913
10	100	1926	41	1924	.19	1954
11	99	1951	43	21,43	.12	1936
12	102	1961	42	19,21	.06	1925
13	106	1935	38	1904	.41	1920
14	103	17,41	40	1968	.29	1904
15	102	1941	41	1968	.49	04,26
16	104	1941	43	1952	1.08	1916
17	99	1914	41	1955	.04	1916
18	98	08,59	40	09,10	No rain	
19	104	1931	42	1926	.16	1950
20	107	1946	42	22,24,26	.10	1940
21	104	1938	41	1922	.26	1934
22	101	1939	41	1922	.01	1945
23	102	1928	42	1910	.08	1919
24	102	1928	43	01,12,53	.15	1912
25	101	1928	42	1901,66	.02	1909
26	104	1939	42	1922	.42	1947
27	97	1939	42	26,57	.47	1947
28	103	1958	42	13,45	1.75	1947
29	98	1960	41	1956	.02	1915
30	102	1907	44	1945,69	.07	1947
31	99	1959	41	1956	.08	1937

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of September

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	95	1905	41	01,14,21	1.89	1941
2	99	1934	37	1936	.58	1941
3	97	1935	38	1913,69	.32	1913
4	93	18,35	41	1954	1.22	1911
5	103	1944	40	1954	.54	1938
6	98	1955	40	14,20	.46	1927
7	97	1958	37	1910	.59	1912
8	98	44,58	39	1927	.71	1917
9	97	44,48	38	1913,64	.65	1949
10	101	1944	36	1952	.62	1930
11	96	1922	36	1952	1.15	1941
12	94	1922	34	1921	1.57	1906
13	95	1951	33	1921	.95	1920
14	98	1937	38	1921	1.28	1935
15	94	1957,67	34	1921	1.38	1946
16	98	1967	35	1921	.72	1955
17	92	18,51	33	1911	.60	1914
18	92	1918,62	35	1911	2.18	1969
19	90	1918	34	07,11	1.00	1941
20	91	1952	37	24,58,60	.54	1910
21	95	47,52	37	1955,64	1.52	1944
22	95	47,52	31	1904	.38	1920
23	95	43,52	35	58,61	.76	1920
24	93	1943	35	1909	1.25	1924
25	88	1965	27	1909	.34	01,05
26	92	1949	30	1909	.86	1911
27	94	1967	34	02,09	1.29	1957
28	92	1967	32	1902	.77	1955
29	87	1932	34	1961	.62	1925
30	87	18,23	32	1903	.60	1909

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of October

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	87	1945	33	03,21,50	1.14	1951
2	86	1952	30	1954	.78	1914
3	90	1932	31	1916	1.81	1967
4	87	1932	26	1916	.92	1939
5	85	1952	34	11,15	.97	1950
6	86	1952	30	13,37	.81	1905
7	87	1952	31	1912	1.20	1913
8	83	36,45	31	16,61	.99	1962,69
9	90	1936	31	1912	1.77	1955
10	89	34,36	31	1924	1.56	1953
11	90	1936	31	1915	.85	1948
12	82	1901	34	1912	1.28	1968
13	79	1937	30	1966	.96	1908
14	79	1929	30	1925,66	1.08	1908
15	80	29,52,61	29	1933	1.56	1947
16	82	1936	31	25,46	1.24	1918
17	83	1936	31	1949,64	.80	1947
18	80	36,40	27	1949	1.09	1947
19	83	1940	29	1905	1.55	1909
20	76	1938	27	1949	1.76	1946
21	79	1937	24	1933	1.39	1934
22	79	29,37	29	1928	1.24	1931
23	83	1929	29	1916	1.84	1951
24	77	1929	28	1945	1.71	1940
25	74	1904	31	16,54	.67	1931
26	75	1944	27	1954	1.11	1921
27	70	1944	27	1954	1.20	1950
28	72	31,37,44	29	10,48	1.32	1950
29	70	1931	27	11,54	2.26	1924
30	70	1917	29	1926	1.20	1924
31	73	1949	29	26,27	.75	1901

The Daily Extreme Values of Temperature and Precipitation
Since 1890 through 1969 at Corvallis, Oregon

Month of November

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	72	1954	21	1935	1.50	1924
2	69	1949,69	22	1936	1.88	1909
3	72	1927	15	1935	1.48	1944
4	69	01,08	19	1935	1.47	1906
5	66	08,49	22	1957	2.00	1910
6	67	1939	23	1957	1.98	1903
7	70	1958	26	1957	2.36	1906
8	66	1941	26	1936	1.88	1964
9	68	1907	26	1959	2.37	1912
10	67	1930	25	1920	1.48	1928
11	70	1907	24	16,20	1.21	1960
12	68	1906	23	36,55	1.70	1965
13	66	49,54	21	1916	2.76	1941
14	64	06,49	16	1955	1.55	1942
15	66	1919	14	1955	1.86	1941
16	67	1919	16	1955	1.60	1928
17	65	1932	19	1955	1.91	1954
18	64	19,32	24	1955	1.70	1946
19	60	12,18,39	25	1929	1.78	55,58
20	68	1966	22	1961	3.16	1921
21	68	1917	25	1922	.92	1909
22	64	1933	23	1938	2.37	1961
23	65	1909	20	1952	1.80	1923
24	67	1936	20	1952	2.38	1907
25	67	1947	21	1952	1.79	1960
26	63	1947	18	1952	2.56	1962
27	60	1949	15	1952	1.72	1945
28	60	40,47	20	1936	1.21	1914
29	63	1928	20	1952	2.21	1926
30	68	1907	23	1956,69	1.36	1902

The Daily Extreme Values of Temperature and Precipitation
 Since 1890 through 1969 at Corvallis, Oregon

Month of December

<u>Date</u>	<u>Max.</u>	<u>Year</u>	<u>Min.</u>	<u>Year</u>	<u>Precip.</u>	<u>Year</u>
1	65	1939	20	1956	1.11	1917
2	62	1958	22	1956	3.58	1941
3	63	1958	25	1906	1.24	1915
4	63	1939	24	1906	1.69	1968
5	59	1954	25	28,59	2.05	1968
6	58	06,44	22	1959	2.78	1933
7	63	1938	15	1956	1.13	1957
8	62	1915	17	1932	1.43	1901
9	59	1915	14	1932	1.68	1922
10	60	1942	9	1932	2.16	1968
11	60	1958	6	1919	1.44	1929
12	62	1921	-14	1919	2.37	1969
13	61	1960	-14.5	1919	1.77	1917
14	60	1969	-10	1919	2.09	1929
15	56	41,62	-5	1919	1.02	1939
16	58	50,59	10	1919	1.98	1941
17	58	06,17	10	1964	1.82	1941
18	58	11,31,41	5	1924	2.42	1929
19	61	1915	6	1924	1.42	1941
20	58	06,40,53	13	1924	1.84	1957
21	56	1933	13	1914	2.18	1964
22	61	1955	5	1924	1.96	1964
23	66	1950	-3	1924	1.69	1932
24	61	1950	-2	1924	1.16	1965
25	56	02,33,43	-8	1924	1.90	1907
26	60	1917	-5	1924	1.63	1917
27	60	1917	8	1924	2.16	1937
28	63	1917	24	1930	2.02	1965
29	66	1917	24	16,25,30	2.52	1937
30	63	1917	11	1968	1.20	1917
31	61	1958	10	1968	1.37	1942

EXPLANATORY NOTES FOR DAILY CLIMATOLOGICAL DATA (pp 17 - 28)

- Column
1. Date of Observation.
 2. Maximum Air Temperature, 24-hour period ending 8:00 a.m.
 3. Minimum Air Temperature, 24-hour period ending 8:00 a.m.
 4. Average Air Temperature, 24-hour period ending 8:00 a.m.
 5. Growing Degree Days, base 40^o, computed from Average Temperature.
 6. Growing Degree Days, base 50^o, computed from Average Temperature.
 7. Precipitation, water equivalent, inches, for 24-hour period ending at 8:00 a.m.
 8. Snow, Sleet or Other Frozen Precipitation in inches.
 9. Wind Direction at observation time, 8:00 a.m.
 10. Wind Speed, mph, at observation time, 8:00 a.m.
 11. Maximum and Minimum Soil Temperatures, 2-inch depth, 24-hour period ending at 8:00 a.m.
 12. Maximum and Minimum Soil Temperatures, 4-inch depth, 24-hour period ending at 8:00 a.m.
 13. Maximum and Minimum Soil Temperatures, 8-inch depth, 24-hour period ending at 8:00 a.m.
 14. Evaporation of Water from Standard Weather Bureau Pan, inches.
 15. Total 24-hour Wind Movement, miles, from anemometer 1-1/2 feet above ground at Evaporation Pan Site.
 19. Day length, sunrise to sunset, hours and minutes.
 - 20 - 23. Relative Humidity expressed in percent from hygro-thermograph in standard Weather Bureau shelter, 4:00 a.m., 10:00 a.m., 4:00 p.m. and 10:00 p.m.
 24. Date of Observation.

SOME REFERENCE PUBLICATIONS FOR CLIMATOLOGICAL DATA, OREGON

1. CLIMATOLOGICAL DATA, OREGON, Monthly and Annual Summaries.
Author: Continuing publication of U. S. Weather Bureau.
2. A SUMMARY OF CLIMATE AND WEATHER FOR CORVALLIS, OREGON, Oregon State University Agricultural Experiment Station Miscellaneous Paper 105, March 1961. Author: Wheeler Calhoun.
3. ESTIMATING DATES FOR LOW TEMPERATURES IN OREGON, Oregon State University Agricultural Experiment Station Bulletin 581, October, 1961. Authors: Noel D. Eichorn, Robert D. Rudd and Lyle D. Calvin.
4. STUDIES OF OREGON'S CLIMATE FOR THE FOREST INDUSTRY, Oregon Forest Lands Research Center, Oregon State University, Climatological Notes, 1960. Author: W. P. Lowry.
5. OREGON SUNSHINE, U. S. Weather Bureau Paper, State Climatologist, Portland, Oregon, 1959. Author: Gilbert Sternes.
6. DECENNIAL CENSUS OF UNITED STATES CLIMATE - OREGON, MONTHLY NORMALS OF TEMPERATURE, PRECIPITATION AND HEATING DEGREE DAYS, 1962. Author: U. S. Weather Bureau Publication.
7. MONTHLY EVAPORATION STATISTICS FOR OREGON STATIONS, August, 1960. Author: Gilbert L. Sternes.
8. CLIMATOLOGICAL DATA FOR OREGON'S COLUMBIA BASIN COUNTIES, November, 1966. Cooperative Extension Service Special Report No. 225.
9. SPRINGTIME PROBABILITIES OF 24°, 28° AND 32° TEMPERATURES IN OREGON, 1968. CORVALLIS, OREGON. Author: Earl M. Bates.