

# Local Climatological Data For Oregon State University

## 1972

With Normals, Means, and Extremes

SPECIAL REPORT 277

REVISED MAY 1973

United States Department of Commerce  
National Oceanic and Atmospheric Administration  
National Weather Service

in cooperation with the  
Agricultural Experiment Station  
Oregon State University  
Corvallis

## 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 National Weather Service, working with the Crop Science 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.

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Latitude 44° 38'  
 Longitude 123° 12'  
 Elevation (ground) 225 ft.

# METEOROLOGICAL DATA FOR THE CURRENT YEAR

HYSLOP FARM, CORVALLIS, OREGON  
 1972

Month	Temperature							Degree days	Precipitation				Relative humidity				Wind				Number of days																	
	Averages			Extremes					Total	Greatest in 24 hrs.	Date	Snow, Sleet		4 A.M.	10 A.M.	4 P.M.	10 P.M.	Average hourly speed	Prevailing direction	Fastest mile			Evaporation in inches	Average sky cover sunrise to sunset	8 A.M.			Precipitation 0.1 inch or more	Snow, Sleet, 10 or more	Thunderstorms	Heavy fog	90° and above	32° and below	32° and below	Zero and below			
	Daily maximum	Daily minimum	Monthly	Highest	Date	Lowest	Date					Total	Greatest in 24 hrs.							Date	Speed	Direction			Date	Clear	Partly cloudy									Cloudy	Clear	Partly cloudy
J	44.5	32.4	38.5	54	19	16	28	10.10	2.71	21	T	84	72	78	80						9	6	16	16														
F	50.6	35.2	42.9	61	29	19	3	5.13	1.78	25	T	91	83	75	91						2	2	25	20														
M	56.7	40.2	49.0	72	18	28	29	6.46	1.46	2	T	96	86	70	92						4	9	18	24														
A	55.4	37.1	46.3	70	28	30	30*	4.27	.92	8	0	82	72	64	80						8	6	16	21														
M	59.0	44.2	56.6	88	29	35	1	2.35	.98	17	0	91	49	44	85						2.23	5.58	16	1	14	7												
J	73.1	49.5	61.5	87	29	43	16	1.01	.38	11	0	92	51	42	84						6.00	10.47	13	1	16	6												
J	84.8	52.6	68.8	98	18	45	27*	.58	.05	9	0	84	35	35	71						10.47	18.42	21	4	6	6												
A	85.0	52.6	68.8	105	8	40	13	.24	.18	17	0	91	44	35	59						8.42	14.42	23	2	6	6												
S	72.7	45.2	59.5	96	3	32	27	2.28	.54	22	0	90	57	40	82						5.40	9.40	14	4	12	11												
O	65.2	40.6	52.9	81	9	27	30	.88	.36	28	0	90	74	50	85						3.15	6.15	14	1	16	6												
N	53.6	40.8	47.2	62	4	29	27	4.92	.80	19	0	94	88	81	93								3	2	25	27												
D	43.0	27.2	35.1	60	2	-7	8	9.33	1.80	17	9.3	90	85	78	90								4	0	27	22												
Year	62.8	41.6	52.3	105	Aug. 8	-7	Dec. 8	47.06			9.8	90	66	57	84						81.05		131	38	197	165												

J  
F  
M  
A  
M  
J  
J  
A  
S  
O  
N  
D

\*also on earlier dates

## NORMALS, MEANS, AND EXTREMES

Month	Temperature							Normal degree days	Precipitation								Relative humidity				Wind				Mean number of days														
	Normal			Extremes					Normal total	Maximum monthly	Year	Minimum monthly	Year	Snow, Sleet		4 A.M.	10 A.M.	4 P.M.	10 P.M.	Mean hourly speed	Prevailing direction	Speed	Direction	Mean Daily Radiation in Langley's	Pct of poss sunshine	Mean Monthly Evaporation in inches	8:00 A.M. Observation			Precipitation 0.1 inch or more	Snow, Sleet, 10 or more	Thunderstorms	Heavy fog	Max temp	Min. temp.				
	Daily maximum	Daily minimum	Monthly	Record highest	Year	Record lowest	Year							Total	Maximum in 24 hrs.												Year	Mean total	Maximum monthly							Year	Maximum in 24 hrs.	Year	Mean
(a)	30e	30e	30e	79		79		30e	79	79		65	34	79		**	**	**	**					17	34	34	34	34											
J	44.4	32.1	38.3	64	1940g	-1	1950	6.52	13.61	1909	1.99	1920	4.28	1965	4.8								94	88	84	92													
F	49.5	34.7	42.1	69	1916g	-5	1899	5.04	15.23	1904	1.12	1920	2.76	1961	0.8								93	83	68	89													
M	54.0	36.8	45.4	78	1947g	13	1891	4.38	11.70	1904	4.43	1926	1.89	1916	0.6								91	74	61	86													
A	61.0	40.5	50.8	91	1926	24	1968g	2.20	7.99	1937	2.22	1939	2.06	1937	T								90	64	50	81													
M	67.7	45.5	56.6	99	1922	28	1915g	1.93	5.71	1896	1.16	1947	2.23	1941	0								93	56	43	81													
J	72.9	49.2	61.1	102	1925	32	1929g	1.31	3.84	1952	0	1918	2.14	1952	0								92	54	42	80													
J	81.2	51.6	66.4	107	1946	36	1921g	.34	2.72	1947	0	1967g	1.75	1947	0								93	45	33	79													
A	81.1	51.2	66.3	102	1960g	35	1910	.41	5.24	1968	0	1955g	1.35	1968	0								91	46	31	73													
S	75.8	48.3	62.1	103	1944	26	1919	1.34	5.40	1920	T	1942g	2.18	1969	0								86	57	41	74													
O	64.2	43.0	53.6	90	1936g	13	1919	3.78	9.70	1950	T	*	2.26	1924	0.2								94	81	57	88													
N	52.2	37.2	44.7	73	1890	10	1896	5.73	16.69	1896	2.22	1890	3.16	1921	0.3								93	84	81	91													
D	46.8	35.1	41.0	66	1950g	-14	1919	7.05	14.47	1968	2.33	1930	3.58	1941	0.8								94	89	85	92													
Yr.	62.6	42.1	52.4	107	1946	-14	1919	40.03	16.69	1896	0		4.28	1965	7.5								92	68	56	84													

(a) Length of record, years.  
 e 1931-1960 (adjusted to present location)  
 \* Missing Data  
 g Also earlier dates  
 T Trace  
 # Less than 1  
 \*\* Jan, Feb, Mar, Apr, only 4 years