

Summary of Monthly Normals
1991-2020

Current Location: Elev: 3723 ft. Lat: 45.5114° N Lon: 118.4247° W
Station: MEACHAM, OR US USW00024152
Generated on 05/01/2024

Temperature (°F)																						
Mean							Cooling Degree Days						Heating Degree Days				Mean Number of Days					
							Base (above)						Base (above)									
Month	Daily Max	Daily Min	Mean	Long Term Max Std Dev	Long Term Min Std Dev	Long Term Avg Std Dev	55	57	60	65	70	72	55	57	60	65	Max >= 100	Max >= 90	Max >= 50	Max <= 32	Min <= 32	Min <= 0
01	36.7	21.0	28.8	3.0	5.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	810.7	872.7	965.7	1120.7	0.0	0.0	1.4	7.5	27.6	2.0
02	39.9	21.5	30.7	3.9	4.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	680.3	736.3	820.3	960.3	0.0	0.0	2.2	4.8	25.3	1.7
03	45.7	24.4	35.0	3.8	3.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	618.5	680.5	773.5	928.5	0.0	0.0	9.3	1.3	27.5	0.5
04	52.3	29.0	40.6	3.6	2.3	2.7	0.9	0.3	0.1	0.0	0.0	0.0	431.4	490.8	580.5	730.5	0.0	0.0	17.6	0.1	23.6	0.0
05	61.0	34.4	47.7	3.9	1.9	2.5	16.4	9.4	3.5	0.2	0.0	0.0	242.8	297.7	384.8	536.5	0.0	0.0	26.7	0.0	13.7	0.0
06	68.4	39.0	53.7	3.4	1.8	2.4	57.7	38.0	18.8	4.1	0.5	0.2	96.6	136.9	207.7	343.0	0.0	0.5	29.2	0.0	4.6	0.0
07	78.9	41.5	60.2	3.9	2.0	2.7	177.1	130.2	73.6	18.3	2.1	0.7	16.2	31.2	67.6	167.2	0.0	2.9	31.0	0.0	1.3	0.0
08	78.6	39.6	59.1	2.8	2.7	2.3	153.6	111.3	60.9	14.9	2.6	0.7	26.7	46.3	88.9	197.9	0.0	3.2	31.0	0.0	3.7	0.0
09	70.3	34.4	52.4	3.4	3.0	2.4	52.3	34.0	15.8	2.2	0.0	0.0	131.9	173.6	245.4	381.7	0.0	0.8	29.3	0.0	13.2	0.0
10	56.7	29.4	43.1	3.4	2.9	2.7	4.2	1.7	0.4	0.0	0.0	0.0	374.6	434.1	525.8	680.4	0.0	0.0	23.4	0.3	21.0	0.1
11	43.3	25.8	34.5	3.8	3.8	3.5	0.4	0.1	0.0	0.0	0.0	0.0	613.9	673.7	763.6	913.6	0.0	0.0	7.7	3.3	22.6	0.7
12	35.4	20.2	27.8	2.5	3.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	842.9	904.9	998.0	1153.0	0.0	0.0	0.8	10.8	27.8	1.9
Summary	55.6	30.0	42.8	3.4	3.0	2.9	463	325	173	40	5	2	4886	5479	6422	8113	0.0	7.4	209.6	28.1	211.9	6.9

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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Precipitation (in.)									
	Totals	Mean Number of Days				Precipitation Probabilities Probability that precipitation will be equal to or less than the indicated amount			
	Means	Daily Precipitation				Monthly Precipitation vs. Probability Levels			
Month	Mean	>= 0.01	>= 0.10	>= 0.50	>= 1.00	0.25	0.50	0.75	
01	4.51	16.6	10.7	3.0	0.6	3.38	4.60	5.37	
02	3.59	15.4	9.0	2.1	0.3	2.22	3.43	4.19	
03	4.09	17.3	11.5	2.6	0.3	2.85	3.81	5.35	
04	3.93	15.0	9.3	1.9	0.5	2.26	3.94	5.30	
05	3.55	13.9	8.4	2.0	0.3	2.38	3.45	4.62	
06	2.19	9.4	5.3	1.3	0.3	1.48	1.96	2.89	
07	0.58	3.1	1.4	0.1	0.0	0.15	0.47	0.72	
08	0.85	4.0	1.7	0.3	0.0	0.18	0.74	1.27	
09	1.21	6.0	3.0	0.8	0.1	0.37	1.08	1.55	
10	2.85	11.6	6.9	1.7	0.3	2.07	2.81	3.74	
11	4.84	15.7	10.4	2.8	0.5	2.98	4.20	5.85	
12	5.15	17.6	11.9	3.1	0.8	3.80	4.91	6.78	
Summary	37.34	145.6	89.5	21.7	4.0	24.12	35.40	47.63	

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Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	32.10	9.2	6.8	3.6	1.9	0.2					18.40	33.00	43.10
02	13.10	7.4	5.5	1.7	0.5	0.0					5.90	8.70	17.90
03	14.00	8.8	6.2	2.1	0.6	0.0					9.40	14.30	18.50
04	8.40	4.1	2.9	1.0	0.3	0.0					1.20	8.00	11.70
05	0.80	0.8	0.3	0.1	0.0	0.0					0.00	0.20	1.10
06	0.70	0.1	0.1	0.1	0.1	0.1					0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	1.80	0.8	0.7	0.3	0.0	0.0					0.00	0.00	2.70
11	14.20	5.1	4.0	2.2	1.1	0.1					8.90	12.70	17.10
12	28.10	10.1	7.5	3.2	1.6	0.3					14.40	27.60	39.20
Summary	113.2	46.4	34.0	14.3	6.1	0.7	0.0	0.0	0.0	0.0	58.2	104.5	151.3

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Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	2.9	7.4	24.5	82.9	247.3	411.8	626.0	592.0	373.4	145.0	37.5	5.3
45	0.2	0.6	4.4	26.8	128.3	266.6	471.1	437.4	235.0	62.1	11.8	0.6
50	0.0	0.1	0.6	6.9	53.3	141.0	318.0	286.6	124.1	20.1	2.5	0.0
55	0.0	0.0	0.0	0.9	16.4	57.7	177.1	153.6	52.3	4.2	0.4	0.0
60	0.0	0.0	0.0	0.1	3.5	18.8	73.6	60.9	15.8	0.4	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.1	4.4	25.6	74.3	178.8	276.7	441.6	435.1	303.7	129.5	21.9	0.8

Growing Degree Units (Accumulated Monthly)												
40	3	10	35	118	365	777	1403	1995	2368	2513	2551	2556
45	0	1	5	32	160	427	898	1335	1570	1632	1644	1645
50	0	0	1	8	61	202	520	806	931	951	953	953
55	0	0	0	1	17	75	252	406	458	462	463	463
60	0	0	0	0	4	22	96	157	173	173	173	173
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	1	6	31	105	284	561	1003	1438	1741	1871	1893	1894

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
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