

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 625 ft. Lat: 45.8653° N Lon: 123.1903° W

Station: **VERNONIA #2, OR US USC00358884**

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	45.7	31.6	38.7	2.8	3.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	506.9	568.9	661.9	816.9	0.0	0.0	8.5	0.6	16.7	0.0
02	49.4	30.9	40.2	3.7	3.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	415.8	471.8	555.8	695.7	0.0	0.0	13.2	0.3	16.8	0.0
03	53.6	33.5	43.5	3.4	1.8	2.1	0.6	0.1	0.0	0.0	0.0	0.0	355.6	417.1	510.0	665.0	0.0	0.0	20.5	0.0	15.1	0.0
04	58.6	35.6	47.1	2.9	2.1	2.1	8.5	4.8	1.9	0.1	0.0	0.0	245.5	301.8	388.9	537.1	0.0	0.0	26.4	0.0	9.3	0.0
05	65.5	40.3	52.9	3.9	2.6	2.8	50.3	31.6	13.9	1.6	0.0	0.0	115.4	158.7	234.0	376.7	0.0	0.4	30.7	0.0	3.1	0.0
06	69.9	44.4	57.2	3.3	1.6	2.0	100.3	68.4	35.1	8.4	1.3	0.4	35.8	63.9	120.6	243.8	0.0	0.8	30.0	0.0	0.0	0.0
07	77.3	47.2	62.3	3.5	1.7	2.0	228.8	173.5	104.8	33.2	6.7	3.3	4.1	10.8	35.1	118.6	0.2	2.8	31.0	0.0	0.0	0.0
08	78.2	46.9	62.5	2.5	2.0	1.8	237.2	181.3	109.8	33.2	6.4	2.8	3.2	9.2	30.8	109.2	0.1	2.8	31.0	0.0	0.0	0.0
09	73.1	42.9	58.0	3.0	3.1	1.9	119.6	81.8	41.1	7.7	0.6	0.1	29.6	51.8	101.1	217.8	0.0	1.2	30.0	0.0	1.6	0.0
10	61.4	38.3	49.8	2.3	3.5	2.1	17.5	9.1	2.9	0.1	0.0	0.0	177.1	230.7	317.6	469.7	0.0	0.0	29.7	0.0	7.2	0.0
11	50.6	34.2	42.4	2.5	3.3	2.5	1.1	0.4	0.0	0.0	0.0	0.0	379.1	438.4	528.0	678.0	0.0	0.0	16.2	0.1	11.9	0.0
12	44.3	31.3	37.8	2.2	2.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	533.2	595.1	688.1	843.1	0.0	0.0	4.8	0.9	17.2	0.0
Summary	60.6	38.1	49.4	3.0	2.6	2.3	764	551	310	84	15	7	2801	3318	4172	5772	0.3	8.0	272.0	1.9	98.9	0.0

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	6.94	20.0	14.0	4.7	1.2	4.26	6.80	8.70	
02	5.34	16.8	11.9	3.5	1.0	3.39	4.43	6.63	
03	5.30	19.5	13.4	3.0	0.6	3.43	5.02	6.78	
04	3.74	17.4	10.5	1.7	0.4	2.53	3.29	4.59	
05	2.39	12.4	7.1	0.9	0.1	1.35	2.40	3.07	
06	1.44	9.5	4.8	0.5	0.0	0.98	1.43	1.77	
07	0.39	3.7	1.2	0.1	0.0	0.06	0.25	0.53	
08	0.55	3.5	1.7	0.3	0.0	0.18	0.40	0.76	
09	1.79	7.8	4.4	0.9	0.4	0.88	1.27	2.37	
10	4.12	14.8	9.4	2.8	0.8	2.59	3.64	4.86	
11	7.70	19.8	14.3	5.2	1.8	4.79	7.54	9.73	
12	8.33	20.0	15.0	6.3	1.8	5.70	7.56	9.92	
Summary	48.03	165.2	107.7	29.9	8.1	30.14	44.03	59.71	

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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	0.30	0.2	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
02	0.60	0.2	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
04	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.20	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	1.1	0.5	0.5	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0

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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	50.6	60.1	129.5	216.0	399.9	514.5	689.7	699.0	540.0	308.9	109.4	38.5
45	9.5	13.4	42.9	98.1	250.4	364.7	534.7	544.0	390.3	169.3	36.2	7.7
50	0.8	1.0	7.7	33.1	126.5	218.6	379.8	389.1	244.3	66.9	7.7	0.9
55	0.0	0.0	0.6	8.5	50.3	100.3	228.8	237.2	119.6	17.5	1.1	0.0
60	0.0	0.0	0.0	1.9	13.9	35.1	104.8	109.8	41.1	2.9	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	12.0	34.0	75.7	134.9	243.0	300.7	425.5	440.0	348.3	180.3	40.4	6.6

Growing Degree Units (Accumulated Monthly)												
40	51	111	240	456	856	1371	2060	2759	3299	3608	3718	3756
45	10	23	66	164	414	779	1314	1858	2248	2417	2454	2461
50	1	2	10	43	169	388	768	1157	1401	1468	1476	1476
55	0	0	1	9	59	160	388	626	745	763	764	764
60	0	0	0	2	16	51	156	266	307	310	310	310
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	46	122	257	500	800	1226	1666	2014	2194	2235	2241

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