

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 225 ft. Lat: 44.6342° N Lon: 123.1900° W
Station: CORVALLIS STATE UNIV, OR US USC00351862

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	47.4	34.3	40.9	2.7	3.0	2.8	0.2	0.0	0.0	0.0	0.0	0.0	438.8	500.7	593.7	748.7	0.0	0.0	12.9	0.4	11.9	0.0
02	51.3	34.8	43.0	2.8	2.6	2.5	0.5	0.1	0.0	0.0	0.0	0.0	335.1	390.7	474.6	614.6	0.0	0.0	17.8	0.1	10.5	0.0
03	56.1	37.0	46.5	3.0	2.2	2.2	2.9	1.2	0.2	0.0	0.0	0.0	264.9	325.1	417.2	572.0	0.0	0.0	26.5	0.0	6.8	0.0
04	60.9	39.5	50.2	2.5	1.7	1.8	18.8	10.7	3.8	0.2	0.0	0.0	162.8	214.6	297.8	444.2	0.0	0.0	29.2	0.0	2.7	0.0
05	68.1	44.5	56.3	3.3	1.6	2.2	94.3	63.9	31.8	6.3	0.5	0.1	54.0	85.6	146.6	276.0	0.0	0.2	31.0	0.0	0.4	0.0
06	73.8	48.6	61.2	3.2	1.7	2.2	194.5	144.8	85.1	28.4	7.5	4.3	8.5	18.8	49.1	142.3	0.1	1.5	30.0	0.0	0.0	0.0
07	82.9	52.1	67.5	3.1	1.6	2.0	387.6	325.9	235.5	107.1	33.3	18.7	0.1	0.5	3.1	29.7	0.5	6.7	31.0	0.0	0.0	0.0
08	83.7	51.4	67.6	2.0	1.7	1.5	389.1	327.4	237.0	106.8	30.2	15.1	0.0	0.4	3.0	27.8	0.3	6.9	31.0	0.0	0.0	0.0
09	77.6	48.2	62.9	2.5	2.2	1.6	241.7	188.5	118.9	40.8	7.6	3.1	4.8	11.5	31.9	103.8	0.0	2.6	30.0	0.0	0.0	0.0
10	65.0	42.0	53.5	2.6	2.6	2.1	50.1	30.1	11.8	1.1	0.0	0.0	96.5	138.6	213.3	357.6	0.0	0.0	30.7	0.0	1.9	0.0
11	53.2	37.6	45.4	2.3	3.3	2.6	3.4	1.3	0.2	0.0	0.0	0.0	291.4	349.3	438.2	588.0	0.0	0.0	22.3	0.0	7.1	0.0
12	46.7	33.9	40.3	2.2	2.7	2.4	0.3	0.1	0.0	0.0	0.0	0.0	456.0	517.8	610.6	765.6	0.0	0.0	10.6	0.8	12.8	0.0
Summary	63.9	42.0	52.9	2.7	2.2	2.2	1383	1094	724	291	79	41	2113	2554	3279	4670	0.9	17.9	303.0	1.3	54.1	0.0

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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	6.46	21.1	12.9	4.4	1.1	3.78	6.59	9.07	
02	4.80	17.7	10.4	3.2	0.9	2.81	3.74	5.69	
03	4.95	19.8	11.6	2.9	0.6	3.49	4.53	6.34	
04	3.29	17.7	10.0	1.4	0.2	1.99	2.82	4.32	
05	2.31	12.9	6.4	1.2	0.1	1.32	2.10	3.28	
06	1.34	8.2	4.1	0.5	0.0	0.80	1.19	1.91	
07	0.34	2.6	0.9	0.1	0.0	0.02	0.15	0.51	
08	0.39	3.2	1.2	0.2	0.0	0.11	0.22	0.51	
09	1.49	7.0	3.5	0.7	0.2	0.57	1.07	1.95	
10	3.50	14.8	7.9	2.3	0.4	2.30	3.04	4.29	
11	6.46	20.6	12.6	4.4	1.3	4.80	5.92	8.21	
12	7.71	21.9	13.9	5.9	1.8	5.18	7.25	9.96	
Summary	43.04	167.5	95.4	27.2	6.6	27.17	38.62	56.04	

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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	0.50	0.5	0.3	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.00	0.00	0.00
02	1.60	0.6	0.4	0.2	0.1	0.0	0.5	0.2	0.1	0.0	0.00	0.00	0.10
03	0.10	0.3	0.1	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	0.70	0.4	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.50
Summary	2.9	1.8	1.1	0.3	0.1	0.0	1.2	0.4	0.1	0.0	0.0	0.0	0.6

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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	87.4	111.6	208.2	306.5	505.3	636.0	852.4	854.0	686.9	418.9	177.5	79.1
45	25.4	35.1	88.1	166.3	350.9	486.0	697.4	699.0	536.9	268.1	74.0	22.3
50	3.6	5.8	23.4	66.9	205.7	336.5	542.4	544.0	387.3	137.3	21.1	3.7
55	0.2	0.5	2.9	18.8	94.3	194.5	387.6	389.1	241.7	50.1	3.4	0.3
60	0.0	0.0	0.2	3.8	31.8	85.1	235.5	237.0	118.9	11.8	0.2	0.0
Growing Degree Units for Corn (Monthly)												
50/86	21.7	43.8	102.3	164.9	285.3	371.6	526.5	531.4	424.9	237.2	66.1	18.1

Growing Degree Units (Accumulated Monthly)												
40	87	199	407	714	1219	1855	2707	3561	4248	4667	4845	4924
45	25	60	149	315	666	1152	1849	2548	3085	3353	3427	3450
50	4	9	33	100	305	642	1184	1728	2116	2253	2274	2278
55	0	1	4	22	117	311	699	1088	1330	1380	1383	1383
60	0	0	0	4	36	121	356	593	712	724	724	724
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	22	66	168	333	618	990	1516	2048	2472	2710	2776	2794

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