

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1349 ft. Lat: 38.9239° N Lon: 122.5672° W
Station: CLEARLAKE 4 SE, CA US USC00041806
Generated on 06/04/2024

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	54.8	32.6	43.7	3.4	4.1	2.2	0.5	0.2	0.0	0.0	0.0	0.0	350.8	412.5	505.3	660.3	0.0	0.0	25.1	0.0	17.7	0.0
02	57.7	33.7	45.7	4.5	3.1	2.7	1.5	0.3	0.0	0.0	0.0	0.0	261.9	316.7	400.4	540.4	0.0	0.0	24.4	0.0	12.8	0.0
03	61.6	35.4	48.5	4.9	2.4	3.4	12.9	5.1	0.6	0.0	0.0	0.0	214.3	268.6	357.1	511.5	0.0	0.0	29.0	0.0	9.1	0.0
04	66.4	39.3	52.8	3.1	1.8	2.2	46.8	27.9	10.1	0.8	0.0	0.0	111.2	152.4	224.5	365.3	0.0	0.0	29.5	0.0	3.3	0.0
05	72.5	45.0	58.8	5.4	1.9	3.5	157.7	117.4	68.4	19.7	3.3	1.3	41.4	63.1	107.1	213.4	0.0	2.0	31.0	0.0	0.1	0.0
06	83.2	51.5	67.3	3.4	1.5	2.2	373.9	316.8	235.9	120.2	44.5	27.1	3.4	6.3	15.3	49.6	1.3	8.9	30.0	0.0	0.0	0.0
07	91.4	55.9	73.6	3.0	1.9	2.3	577.9	515.9	423.2	270.8	133.4	88.7	0.0	0.0	0.2	2.8	5.1	21.7	31.0	0.0	0.0	0.0
08	90.5	54.3	72.4	2.9	2.3	2.4	539.4	477.5	384.8	232.5	100.9	62.8	0.0	0.1	0.5	3.1	2.5	17.9	31.0	0.0	0.0	0.0
09	85.4	50.3	67.9	2.7	2.4	2.1	386.7	328.9	244.7	122.3	38.7	19.0	1.3	3.5	9.3	36.9	0.9	13.4	30.0	0.0	0.0	0.0
10	75.4	43.2	59.3	3.8	2.4	2.6	163.0	119.6	68.8	21.6	3.4	1.0	29.7	48.2	90.5	198.3	0.0	2.0	31.0	0.0	0.9	0.0
11	63.4	35.6	49.5	4.3	2.5	2.7	17.9	9.3	2.6	0.3	0.0	0.0	182.8	234.2	317.5	465.2	0.0	0.0	28.9	0.0	10.8	0.0
12	54.8	32.6	43.7	2.9	4.0	2.1	0.7	0.1	0.0	0.0	0.0	0.0	350.9	412.3	505.2	660.2	0.0	0.0	25.9	0.0	17.5	0.0
Summary	71.4	42.5	56.9	3.7	2.5	2.5	2279	1919	1439	788	324	200	1548	1918	2533	3707	9.8	65.9	346.8	0.0	72.2	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	6.19	13.6	9.2	4.1	1.8	2.47	4.13	9.15	
02	6.15	12.7	8.5	4.9	2.5	0.77	5.55	9.12	
03	3.99	10.3	6.4	2.8	0.9	1.64	2.98	4.92	
04	1.99	8.1	4.3	1.1	0.2	0.41	1.21	2.81	
05	1.16	5.4	2.7	0.8	0.2	0.34	0.92	1.57	
06	0.23	1.7	0.6	0.1	0.0	0.00	0.05	0.35	
07	0.01	0.2	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.09	0.2	0.2	0.2	0.0	0.00	0.00	0.00	
09	0.17	0.6	0.3	0.1	0.1	0.00	0.02	0.17	
10	0.91	4.0	2.4	1.1	0.2	0.07	0.62	1.29	
11	2.89	9.2	5.2	1.8	0.9	1.56	2.47	3.86	
12	6.08	12.6	8.8	4.8	2.2	2.89	4.79	9.38	
Summary	29.86	78.6	48.6	21.8	9.0	10.15	22.74	42.62	

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U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

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National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

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	0.20	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.10	0.1	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	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	133.7	169.0	269.1	385.8	581.3	820.5	1043.1	1004.4	835.5	598.4	287.3	132.4
45	39.7	70.9	143.8	242.5	427.4	670.5	888.0	849.4	685.4	444.0	155.8	40.3
50	6.1	18.8	57.4	124.4	281.1	521.0	733.0	694.4	535.5	294.3	61.8	7.2
55	0.5	1.5	12.9	46.8	157.7	373.9	577.9	539.4	386.7	163.0	17.9	0.7
60	0.0	0.0	0.6	10.1	68.4	235.9	423.2	384.8	244.7	68.8	2.6	0.0
Growing Degree Units for Corn (Monthly)												
50/86	97.5	118.3	184.6	244.2	347.8	500.8	636.6	610.2	512.1	389.3	205.6	93.7

Growing Degree Units (Accumulated Monthly)												
40	134	303	572	958	1539	2359	3402	4407	5242	5841	6128	6260
45	40	111	254	497	924	1595	2483	3332	4018	4462	4617	4658
50	6	25	82	207	488	1009	1742	2436	2972	3266	3328	3335
55	0	2	15	62	219	593	1171	1711	2097	2260	2278	2279
60	0	0	1	11	79	315	738	1123	1368	1436	1439	1439
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	98	216	400	645	992	1493	2130	2740	3252	3641	3847	3941

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