

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 495 ft. Lat: 32.8006° N Lon: 116.9281° W
Station: EL CAJON, CA US USC00042706

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	69.3	42.5	55.9	3.7	2.3	2.2	72.8	41.7	13.8	0.7	0.0	0.0	44.9	75.8	140.9	282.8	0.0	0.1	31.0	0.0	0.8	0.0
02	69.2	44.4	56.8	3.8	2.4	2.4	82.4	51.3	21.1	2.1	0.0	0.0	32.0	57.0	110.7	231.7	0.0	0.3	28.0	0.0	0.3	0.0
03	71.3	48.0	59.7	3.9	2.1	2.6	157.5	110.7	55.1	9.8	1.0	0.2	13.4	28.6	65.9	175.7	0.0	0.8	31.0	0.0	0.0	0.0
04	74.5	50.7	62.6	2.7	2.0	2.0	230.9	175.9	103.6	28.2	5.3	2.2	2.9	7.9	25.6	100.2	0.1	1.9	30.0	0.0	0.0	0.0
05	76.2	55.9	66.1	3.5	2.0	2.5	342.8	281.3	192.5	74.7	17.1	8.3	0.2	0.8	4.9	42.1	0.2	2.5	31.0	0.0	0.0	0.0
06	80.8	59.4	70.1	3.6	2.0	2.5	453.0	393.0	303.1	157.2	49.7	25.7	0.0	0.0	0.1	4.2	0.5	3.6	30.0	0.0	0.0	0.0
07	86.1	63.3	74.7	2.6	2.1	2.0	610.7	548.7	455.7	300.7	150.5	99.5	0.0	0.0	0.0	0.1	1.0	9.9	31.0	0.0	0.0	0.0
08	88.6	64.7	76.6	2.3	1.9	1.9	671.1	609.1	516.1	361.2	207.8	150.4	0.0	0.0	0.0	0.0	1.6	15.1	31.0	0.0	0.0	0.0
09	87.3	62.1	74.7	3.1	2.2	2.3	591.0	531.0	441.0	291.9	152.7	106.6	0.0	0.0	0.0	0.9	2.3	13.5	30.0	0.0	0.0	0.0
10	81.0	55.6	68.3	4.2	2.2	2.6	412.6	351.0	260.1	126.9	42.0	23.8	0.3	0.7	2.8	24.6	1.3	6.9	31.0	0.0	0.0	0.0
11	75.2	47.1	61.2	3.1	2.5	2.5	194.0	143.7	82.0	23.4	4.0	1.5	9.5	19.2	47.5	138.9	0.0	2.2	30.0	0.0	0.2	0.0
12	68.5	41.7	55.1	2.5	2.6	1.8	58.8	32.0	9.8	0.6	0.0	0.0	55.6	90.9	161.6	307.4	0.0	0.1	31.0	0.0	1.2	0.0
Summary	77.3	53.0	65.1	3.3	2.2	2.3	3878	3269	2454	1377	630	418	159	281	560	1309	7.0	56.9	365.0	0.0	2.5	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	2.32	5.6	4.1	1.8	0.6	0.59	1.46	3.89
02	2.61	7.0	4.5	2.0	0.7	0.96	2.46	3.52
03	1.92	5.1	3.3	1.0	0.5	0.69	1.33	2.37
04	0.75	3.5	2.0	0.4	0.1	0.13	0.51	1.32
05	0.30	2.2	0.9	0.1	0.0	0.00	0.07	0.59
06	0.06	0.6	0.2	0.0	0.0	0.00	0.00	0.07
07	0.16	0.6	0.3	0.1	0.0	0.00	0.00	0.06
08	0.02	0.4	0.1	0.0	0.0	0.00	0.00	0.01
09	0.11	0.6	0.3	0.0	0.0	0.00	0.00	0.09
10	0.54	1.7	1.1	0.3	0.2	0.00	0.17	0.70
11	1.01	3.4	2.3	0.8	0.2	0.25	0.75	1.56
12	1.83	5.5	3.8	1.3	0.6	0.60	1.33	2.78
Summary	11.63	36.2	22.9	7.8	2.9	3.22	8.08	16.96

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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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
02	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
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	0.00	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	0.0	0.0	0.0	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	492.9	470.4	609.2	678.0	807.6	903.0	1075.7	1136.1	1041.0	877.3	634.5	468.2
45	338.5	330.4	454.2	528.0	652.6	753.0	920.7	981.1	891.0	722.3	484.5	313.4
50	189.3	194.3	300.1	378.0	497.6	603.0	765.7	826.1	741.0	567.3	335.6	166.0
55	72.8	82.4	157.5	230.9	342.8	453.0	610.7	671.1	591.0	412.6	194.0	58.8
60	13.8	21.1	55.1	103.6	192.5	303.1	455.7	516.1	441.0	260.1	82.0	9.8
Growing Degree Units for Corn (Monthly)												
50/86	304.8	274.7	347.5	395.3	490.5	589.6	727.4	765.3	684.9	548.6	391.2	292.6

Growing Degree Units (Accumulated Monthly)												
40	493	963	1572	2250	3058	3961	5037	6173	7214	8091	8726	9194
45	338	669	1123	1651	2304	3057	3977	4958	5850	6572	7056	7370
50	189	384	684	1062	1559	2162	2928	3754	4495	5062	5398	5564
55	73	155	313	544	886	1339	1950	2621	3212	3625	3819	3878
60	14	35	90	194	386	689	1145	1661	2102	2362	2444	2454
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	305	580	927	1322	1813	2402	3130	3895	4580	5129	5520	5812

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