

Summary of Monthly Normals
1991-2020

Generated on 05/20/2024

Current Location: Elev: 44 ft. Lat: 33.5453° N Lon: 117.7814° W
Station: LAGUNA BEACH, CA US USC00044647

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	68.4	44.2	56.3	2.2	1.5	1.4	71.2	40.1	13.8	1.7	0.2	0.0	30.9	61.8	128.5	271.4	0.0	0.0	31.0	0.0	0.7	0.0
02	67.8	44.8	56.3	1.6	3.1	2.1	62.2	34.0	10.7	1.9	0.2	0.0	25.8	53.5	114.2	245.5	0.0	0.0	28.0	0.0	0.0	0.0
03	69.3	47.9	58.6	2.7	2.2	2.0	120.5	73.8	27.2	3.9	0.3	0.1	8.8	24.2	70.5	202.3	0.0	0.1	31.0	0.0	0.0	0.0
04	72.5	50.1	61.3	2.2	1.8	1.8	190.6	135.0	66.8	11.0	0.9	0.3	1.6	6.0	27.8	122.0	0.0	0.1	30.0	0.0	0.0	0.0
05	74.5	54.5	64.5	2.5	2.2	2.0	294.5	232.8	143.0	33.0	2.5	0.7	0.0	0.3	3.5	48.5	0.0	0.2	31.0	0.0	0.0	0.0
06	76.0	57.8	66.9	2.0	1.4	1.4	357.0	297.0	207.3	68.4	6.8	2.3	0.0	0.0	0.3	11.5	0.0	0.2	30.0	0.0	0.0	0.0
07	79.5	60.1	69.8	1.6	2.5	1.7	458.8	396.8	303.8	149.9	34.9	14.7	0.0	0.0	0.0	1.2	0.0	0.3	31.0	0.0	0.0	0.0
08	81.2	61.2	71.2	1.9	2.6	1.9	502.2	440.2	347.2	192.5	55.8	23.6	0.0	0.0	0.0	0.3	0.0	0.8	31.0	0.0	0.0	0.0
09	81.0	58.5	69.7	2.4	1.9	1.5	442.5	382.5	292.5	145.4	38.4	18.4	0.0	0.0	0.0	2.9	0.1	1.3	30.0	0.0	0.0	0.0
10	77.2	55.1	66.2	2.6	2.0	1.9	345.6	283.6	191.6	63.3	11.8	5.5	0.0	0.0	1.0	27.7	0.0	1.2	31.0	0.0	0.0	0.0
11	72.2	48.5	60.3	2.3	1.7	1.8	166.8	116.3	55.8	10.7	1.4	0.2	6.3	15.8	45.3	150.2	0.0	0.1	30.0	0.0	0.0	0.0
12	67.3	43.8	55.6	1.7	1.7	1.2	50.5	24.4	6.2	0.6	0.0	0.0	33.3	69.3	144.0	293.4	0.0	0.0	31.0	0.0	0.3	0.0
Summary	73.9	52.2	63.1	2.1	2.0	1.7	3062	2457	1666	682	153	66	107	231	535	1377	0.1	4.3	365.0	0.0	1.0	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	2.78	6.1	4.9	2.0	1.1	0.81	1.67	4.54	
02	3.39	6.5	5.3	3.0	1.5	0.87	3.14	4.84	
03	1.62	4.3	3.2	1.3	0.5	0.64	1.13	2.23	
04	0.80	2.8	2.0	0.8	0.2	0.21	0.50	1.32	
05	0.20	1.1	0.7	0.1	0.0	0.00	0.05	0.34	
06	0.11	0.8	0.5	0.1	0.0	0.00	0.00	0.16	
07	0.11	0.4	0.1	0.0	0.0	0.00	0.00	0.01	
08	0.02	0.1	0.0	0.0	0.0	0.00	0.00	0.00	
09	0.16	0.6	0.4	0.1	0.0	0.00	0.00	0.09	
10	0.49	1.6	0.9	0.4	0.2	0.00	0.16	0.35	
11	1.13	2.5	1.4	0.6	0.2	0.25	0.80	1.66	
12	1.87	4.3	3.2	1.0	0.5	0.70	1.21	2.62	
Summary	12.68	31.1	22.6	9.4	4.2	3.48	8.66	18.16	

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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	505.3	456.4	576.6	639.0	759.5	807.0	923.8	967.2	892.5	810.6	610.5	482.1
45	350.5	316.4	421.6	489.0	604.5	657.0	768.8	812.2	742.5	655.6	460.5	327.1
50	197.8	177.6	266.8	339.0	449.5	507.0	613.8	657.2	592.5	500.6	310.7	174.0
55	71.2	62.2	120.5	190.6	294.5	357.0	458.8	502.2	442.5	345.6	166.8	50.5
60	13.8	10.7	27.2	66.8	143.0	207.3	303.8	347.2	292.5	191.6	55.8	6.2
Growing Degree Units for Corn (Monthly)												
50/86	290.9	257.4	316.1	366.4	454.4	506.6	611.8	652.1	586.0	499.6	354.7	274.0
Growing Degree Units (Accumulated Monthly)												
40	505	962	1538	2177	2937	3744	4668	5635	6527	7338	7948	8430
45	350	667	1088	1578	2182	2839	3608	4420	5162	5818	6279	6606
50	198	375	642	981	1431	1938	2552	3209	3801	4302	4612	4786
55	71	133	254	444	739	1096	1555	2057	2500	2845	3012	3062
60	14	24	52	118	262	469	773	1120	1412	1604	1660	1666
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	291	548	864	1231	1685	2192	2804	3456	4042	4541	4896	5170

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