

Summary of Monthly Normals
1991-2020

Generated on 06/03/2024

Current Location: Elev: 14 ft. Lat: 34.0075° N Lon: 118.4997° W

Station: SANTA MONICA PIER, CA US USC00047953

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	62.0	49.6	55.8	2.3	2.3	2.1	64.7	36.6	16.6	3.7	0.1	0.0	39.9	73.8	146.8	288.9	0.0	0.0	31.0	0.0	0.0	0.0
02	62.2	49.7	56.0	2.3	2.0	2.0	58.9	34.1	14.7	2.7	0.2	0.0	32.3	63.5	128.1	256.0	0.0	0.0	28.0	0.0	0.0	0.0
03	61.8	51.8	56.8	1.5	0.8	1.1	75.6	40.2	15.4	3.1	0.3	0.1	19.7	46.4	114.6	257.3	0.0	0.0	31.0	0.0	0.0	0.0
04	63.4	53.2	58.3	2.5	1.6	2.0	109.3	66.9	28.6	6.4	1.2	0.6	10.3	27.9	79.6	207.4	0.0	0.1	30.0	0.0	0.0	0.0
05	63.4	55.8	59.6	2.5	2.1	2.2	144.6	90.5	32.4	2.9	0.2	0.0	2.0	9.8	44.8	170.3	0.0	0.0	31.0	0.0	0.0	0.0
06	66.3	59.2	62.7	1.4	1.8	1.6	232.5	172.9	88.8	9.4	0.2	0.1	0.0	0.4	6.3	76.9	0.0	0.0	30.0	0.0	0.0	0.0
07	69.4	61.5	65.4	1.8	1.7	1.5	323.9	261.9	169.0	40.1	3.1	1.0	0.0	0.0	0.0	26.2	0.0	0.0	31.0	0.0	0.0	0.0
08	69.7	62.3	66.0	1.6	1.8	1.5	341.0	279.0	186.1	51.4	4.9	1.7	0.0	0.0	0.1	20.4	0.0	0.0	31.0	0.0	0.0	0.0
09	70.0	60.9	65.5	2.9	1.3	1.9	313.5	253.5	164.0	43.7	5.4	1.7	0.0	0.0	0.5	30.3	0.0	0.0	30.0	0.0	0.0	0.0
10	67.5	58.5	63.0	1.6	1.5	1.4	248.0	186.8	102.0	25.0	6.1	3.2	0.0	0.8	9.0	87.0	0.0	0.4	31.0	0.0	0.0	0.0
11	66.9	53.6	60.3	3.0	1.9	2.1	162.8	110.8	53.6	14.0	3.1	1.5	5.3	13.3	46.1	156.5	0.0	0.1	30.0	0.0	0.0	0.0
12	63.4	49.5	56.5	1.8	1.3	1.2	75.0	43.0	15.6	1.8	0.0	0.0	30.1	60.0	125.7	266.8	0.0	0.0	31.0	0.0	0.0	0.0
Summary	65.5	55.5	60.5	2.1	1.7	1.7	2150	1576	887	204	25	10	140	296	702	1844	0.0	0.6	365.0	0.0	0.0	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	3.08	6.8	5.2	2.5	0.9	0.55	1.53	4.57	
02	3.10	6.9	5.3	3.0	1.2	0.37	2.45	4.75	
03	1.74	4.9	3.2	1.6	0.8	0.62	1.53	2.30	
04	0.57	2.1	1.0	0.4	0.1	0.04	0.21	0.93	
05	0.23	1.4	0.5	0.1	0.1	0.00	0.05	0.15	
06	0.05	0.9	0.2	0.1	0.0	0.00	0.01	0.04	
07	0.03	0.5	0.0	0.0	0.0	0.00	0.00	0.00	
08	0.01	0.4	0.0	0.0	0.0	0.00	0.00	0.01	
09	0.03	0.4	0.1	0.0	0.0	0.00	0.00	0.01	
10	0.49	1.9	0.9	0.4	0.2	0.00	0.14	0.48	
11	0.81	2.4	1.6	0.4	0.2	0.10	0.56	1.45	
12	2.03	5.0	3.2	1.4	0.8	0.78	1.45	2.71	
Summary	12.17	33.6	21.2	9.9	4.3	2.46	7.93	17.40	

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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	489.8	446.6	520.8	549.0	607.6	682.5	788.9	806.0	763.5	713.0	607.5	510.0
45	334.8	306.6	365.8	399.0	452.6	532.5	633.9	651.0	613.5	558.0	457.5	355.0
50	184.2	170.0	211.7	249.3	297.6	382.5	478.9	496.0	463.5	403.0	307.7	202.1
55	64.7	58.9	75.6	109.3	144.6	232.5	323.9	341.0	313.5	248.0	162.8	75.0
60	16.6	14.7	15.4	28.6	32.4	88.8	169.0	186.1	164.0	102.0	53.6	15.6
Growing Degree Units for Corn (Monthly)												
50/86	209.3	190.0	221.9	254.9	298.4	382.4	479.8	496.2	463.1	402.3	314.5	227.6

Growing Degree Units (Accumulated Monthly)												
40	490	936	1457	2006	2614	3296	4085	4891	5655	6368	6975	7485
45	335	641	1007	1406	1859	2391	3025	3676	4290	4848	5305	5660
50	184	354	566	815	1113	1495	1974	2470	2934	3337	3644	3846
55	65	124	199	308	453	686	1010	1350	1664	1912	2075	2150
60	17	31	47	75	108	196	366	552	716	818	871	887
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	209	399	621	876	1174	1557	2037	2533	2996	3398	3713	3940

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