

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 308 ft. Lat: 35.3056° N Lon: 120.6619° W

Station: **SAN LUIS OBISPO POLY, CA US USC00047851**

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	64.9	44.0	54.4	4.0	2.4	2.6	55.6	33.1	12.8	2.0	0.1	0.0	72.7	112.2	184.9	329.0	0.0	0.0	30.8	0.0	1.0	0.0
02	65.2	44.4	54.8	3.9	2.6	2.7	60.5	38.9	18.2	3.5	0.2	0.0	66.1	100.4	163.7	289.1	0.0	0.0	27.9	0.0	0.6	0.0
03	67.3	46.1	56.7	4.0	2.3	2.9	98.0	64.5	30.6	6.1	1.0	0.5	45.3	73.8	132.9	263.5	0.0	0.2	31.0	0.0	0.0	0.0
04	69.3	46.8	58.0	3.0	2.3	2.5	124.0	86.2	45.4	12.0	2.9	1.4	32.5	54.7	103.9	220.5	0.0	0.7	30.0	0.0	0.0	0.0
05	71.9	49.3	60.6	3.8	2.0	2.5	181.7	131.2	70.8	21.5	6.2	3.3	8.1	19.5	52.2	157.9	0.1	1.4	31.0	0.0	0.0	0.0
06	75.7	51.8	63.8	3.0	1.6	2.0	263.1	205.0	125.1	38.5	10.0	5.6	0.6	2.5	12.6	76.0	0.2	1.6	30.0	0.0	0.0	0.0
07	78.3	54.2	66.3	2.8	1.3	1.8	348.8	286.8	194.6	66.6	14.2	7.5	0.1	0.1	0.9	27.9	0.1	2.2	31.0	0.0	0.0	0.0
08	79.7	54.8	67.3	2.6	1.6	1.8	379.7	317.8	225.1	86.4	20.0	11.0	0.0	0.0	0.3	16.7	0.4	3.1	31.0	0.0	0.0	0.0
09	80.1	53.8	67.0	2.6	1.8	2.0	358.6	298.9	211.4	89.5	29.7	18.3	0.1	0.5	2.9	31.1	0.8	4.2	30.0	0.0	0.0	0.0
10	77.8	51.5	64.7	3.4	2.0	2.4	301.2	243.0	164.5	71.4	27.0	17.0	2.1	6.0	20.5	82.3	0.5	4.8	31.0	0.0	0.0	0.0
11	70.8	47.4	59.1	3.2	2.6	2.7	148.4	107.2	61.0	19.4	4.8	2.4	25.4	44.2	88.1	196.4	0.0	0.4	30.0	0.0	0.3	0.0
12	64.4	43.7	54.0	3.0	2.2	2.1	50.5	29.3	11.3	1.3	0.1	0.0	79.8	120.6	195.6	340.6	0.0	0.0	30.9	0.0	0.7	0.0
Summary	72.1	49.0	60.6	3.3	2.1	2.3	2370	1842	1171	418	116	67	333	534	958	2031	2.1	18.6	364.6	0.0	2.6	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	5.07	8.7	6.5	3.5	1.7	1.32	3.59	6.99	
02	4.92	9.8	6.8	3.7	1.6	1.29	3.28	7.60	
03	3.89	8.6	5.3	2.0	1.2	1.36	2.83	5.13	
04	1.38	4.1	2.7	1.0	0.3	0.26	1.15	2.04	
05	0.51	2.4	1.1	0.3	0.1	0.00	0.19	0.83	
06	0.13	0.7	0.4	0.1	0.0	0.00	0.00	0.05	
07	0.07	0.5	0.1	0.0	0.0	0.00	0.00	0.01	
08	0.01	0.2	0.0	0.0	0.0	0.00	0.00	0.00	
09	0.11	0.7	0.2	0.0	0.0	0.00	0.00	0.04	
10	0.76	3.2	1.6	0.4	0.3	0.01	0.40	0.84	
11	1.98	4.4	3.2	1.4	0.5	0.51	1.82	2.66	
12	3.59	8.4	5.3	2.6	1.1	1.21	3.33	5.11	
Summary	22.42	51.7	33.2	15.0	6.8	5.96	16.59	31.30	

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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	448.1	414.5	517.7	541.5	638.6	712.5	813.7	844.7	808.5	764.1	573.0	435.8
45	294.3	275.3	363.2	391.6	483.6	562.5	658.7	689.7	658.5	609.1	423.3	282.4
50	153.4	148.8	216.7	246.1	329.0	412.5	503.7	534.7	508.5	454.2	277.7	143.5
55	55.6	60.5	98.0	124.0	181.7	263.1	348.8	379.7	358.6	301.2	148.4	50.5
60	12.8	18.2	30.6	45.4	70.8	125.1	194.6	225.1	211.4	164.5	61.0	11.3
Growing Degree Units for Corn (Monthly)												
50/86	239.1	220.2	277.5	298.6	353.5	416.8	496.2	524.1	495.2	460.9	331.9	231.7

Growing Degree Units (Accumulated Monthly)												
40	448	863	1380	1922	2560	3273	4087	4931	5740	6504	7077	7513
45	294	570	933	1324	1808	2370	3029	3719	4377	4986	5410	5692
50	153	302	519	765	1094	1506	2010	2545	3053	3508	3785	3929
55	56	116	214	338	520	783	1132	1511	1870	2171	2320	2370
60	13	31	62	107	178	303	498	723	934	1098	1160	1171
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	239	459	737	1035	1389	1806	2302	2826	3321	3782	4114	4346

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