

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 363 ft. Lat: 34.0842° N Lon: 118.1003° W

Station: **SAN GABRIEL FIRE DEPT, CA US USC00047785**

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	68.6	46.1	57.4	4.0	2.5	2.7	108.5	72.6	34.6	5.6	0.4	0.1	35.7	61.8	116.9	242.8	0.0	0.0	30.9	0.0	0.4	0.0
02	68.2	47.1	57.7	4.4	2.7	3.0	99.9	66.5	32.1	5.4	0.3	0.1	25.7	48.2	97.8	211.1	0.0	0.7	28.0	0.0	0.1	0.0
03	70.9	50.5	60.7	3.6	2.7	3.0	187.1	136.6	75.1	16.4	1.7	0.5	10.4	22.0	53.5	149.8	0.0	1.5	31.0	0.0	0.0	0.0
04	73.8	52.7	63.2	2.6	1.7	2.0	251.1	196.4	124.5	42.7	9.3	4.4	3.6	8.9	26.9	95.2	0.1	2.7	30.0	0.0	0.0	0.0
05	75.6	57.6	66.6	3.1	2.1	2.4	359.9	298.6	210.6	89.6	23.3	11.1	0.3	1.0	6.0	40.0	0.3	3.7	31.0	0.0	0.0	0.0
06	80.8	61.5	71.2	2.9	1.6	2.1	484.5	424.5	334.6	188.3	67.0	36.8	0.0	0.0	0.1	3.8	0.2	4.8	30.0	0.0	0.0	0.0
07	85.5	65.2	75.4	2.4	1.9	2.0	630.8	568.8	475.8	320.8	167.3	111.5	0.0	0.0	0.0	0.0	0.8	10.8	31.0	0.0	0.0	0.0
08	87.6	65.5	76.6	2.1	2.1	1.9	668.0	606.0	513.0	358.1	204.5	147.4	0.0	0.0	0.0	0.1	2.2	17.2	31.0	0.0	0.0	0.0
09	86.7	63.6	75.1	2.5	2.3	2.1	604.5	544.4	454.5	305.5	165.2	117.3	0.0	0.0	0.1	1.1	2.5	13.8	30.0	0.0	0.0	0.0
10	80.7	57.4	69.0	3.9	2.6	2.7	435.6	373.7	282.2	146.8	56.7	34.9	0.0	0.1	1.7	21.2	0.9	7.4	31.0	0.0	0.0	0.0
11	74.0	50.6	62.3	2.9	2.6	2.6	225.5	172.5	104.9	34.4	8.4	4.0	6.5	13.5	35.9	115.4	0.1	1.7	30.0	0.0	0.1	0.0
12	67.8	45.3	56.6	2.5	2.1	1.7	86.8	53.5	21.4	2.7	0.2	0.1	38.7	67.3	128.2	264.5	0.0	0.1	31.0	0.0	0.5	0.0
Summary	76.7	55.3	66.0	3.1	2.2	2.4	4142	3514	2663	1516	704	468	121	223	467	1145	7.1	64.4	364.9	0.0	1.1	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	3.56	6.5	4.8	2.7	1.4	0.86	1.88	4.47
02	4.22	7.1	5.4	2.7	1.7	0.64	3.35	7.73
03	2.53	5.1	3.4	2.1	1.0	0.48	1.66	3.15
04	0.61	2.2	1.3	0.7	0.1	0.03	0.22	0.91
05	0.48	1.9	0.8	0.2	0.2	0.00	0.15	0.44
06	0.13	0.5	0.3	0.1	0.0	0.00	0.00	0.02
07	0.04	0.5	0.1	0.0	0.0	0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
09	0.13	0.4	0.2	0.1	0.0	0.00	0.00	0.01
10	0.61	1.6	0.9	0.3	0.2	0.00	0.20	0.68
11	0.92	2.7	1.5	0.6	0.2	0.08	0.77	1.22
12	2.44	4.7	3.0	1.3	0.5	0.78	1.70	3.52
Summary	15.67	33.2	21.7	10.8	5.3	2.87	9.93	22.15

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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	537.8	494.3	641.7	697.5	824.6	934.5	1095.8	1133.0	1054.5	900.5	669.0	513.1
45	383.1	354.3	486.7	547.5	669.6	784.5	940.8	978.0	904.5	745.5	519.0	358.1
50	232.9	217.3	332.5	397.6	514.6	634.5	785.8	823.0	754.5	590.5	369.6	207.9
55	108.5	99.9	187.1	251.1	359.9	484.5	630.8	668.0	604.5	435.6	225.5	86.8
60	34.6	32.1	75.1	124.5	210.6	334.6	475.8	513.0	454.5	282.2	104.9	21.4
Growing Degree Units for Corn (Monthly)												
50/86	300.1	263.3	352.8	409.9	512.0	621.7	757.1	773.3	704.1	567.8	395.2	287.5

Growing Degree Units (Accumulated Monthly)												
40	538	1032	1674	2371	3196	4130	5226	6359	7414	8314	8983	9496
45	383	737	1224	1772	2441	3226	4166	5144	6049	6794	7314	7672
50	233	450	783	1180	1695	2329	3115	3938	4693	5283	5653	5861
55	108	208	396	647	1006	1491	2122	2790	3394	3830	4055	4142
60	35	67	142	266	477	812	1287	1800	2255	2537	2642	2663
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	300	563	916	1326	1838	2460	3217	3990	4694	5262	5657	5945

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