

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 27 ft. Lat: 37.4725° N Lon: 122.4433° W
Station: HALF MOON BAY, CA US USC00043714

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	59.4	43.4	51.4	2.1	2.2	1.7	17.6	8.3	2.3	0.2	0.0	0.0	129.2	181.9	269.0	421.8	0.0	0.0	30.8	0.0	1.0	0.0
02	59.5	43.0	51.3	2.5	2.7	2.1	13.6	5.8	1.3	0.0	0.0	0.0	118.6	166.8	246.2	385.0	0.0	0.0	28.0	0.0	1.2	0.0
03	60.4	43.7	52.1	2.0	2.4	1.9	15.4	5.7	1.1	0.1	0.0	0.0	106.8	159.1	247.5	401.5	0.0	0.0	31.0	0.0	0.4	0.0
04	61.0	44.7	52.9	1.7	2.0	1.6	17.7	6.6	1.5	0.1	0.0	0.0	82.2	131.0	216.0	364.6	0.0	0.0	30.0	0.0	0.1	0.0
05	61.7	48.0	54.9	2.3	2.2	2.0	37.3	14.1	2.5	0.2	0.0	0.0	41.9	80.8	162.2	314.8	0.0	0.0	31.0	0.0	0.0	0.0
06	63.9	49.9	56.9	1.9	1.9	1.6	70.9	33.7	6.7	0.7	0.1	0.0	13.9	36.7	99.7	243.7	0.0	0.0	30.0	0.0	0.0	0.0
07	64.8	52.7	58.8	1.6	1.8	1.5	119.4	67.3	18.2	0.5	0.0	0.0	3.2	13.1	57.0	194.2	0.0	0.0	31.0	0.0	0.0	0.0
08	65.6	53.9	59.7	1.6	2.0	1.6	148.0	90.7	30.0	1.8	0.1	0.0	0.8	5.5	37.8	164.5	0.0	0.0	31.0	0.0	0.0	0.0
09	66.4	51.3	58.8	2.5	2.0	1.9	120.7	72.4	25.4	2.5	0.2	0.0	5.2	16.9	59.9	187.0	0.0	0.1	30.0	0.0	0.0	0.0
10	66.4	47.9	57.1	1.8	1.9	1.4	90.8	55.3	22.9	5.2	1.1	0.6	24.2	50.7	111.2	248.5	0.0	0.4	31.0	0.0	0.0	0.0
11	62.6	44.8	53.7	1.8	2.3	1.7	36.9	19.7	6.7	1.1	0.1	0.1	75.9	118.7	195.7	340.1	0.0	0.0	30.0	0.0	0.5	0.0
12	59.0	42.9	50.9	2.0	2.8	1.9	14.9	6.3	1.3	0.0	0.0	0.0	140.4	193.8	281.9	435.5	0.0	0.0	30.8	0.0	1.4	0.0
Summary	62.6	47.2	54.9	2.0	2.2	1.7	703	386	120	12	2	1	742	1155	1984	3701	0.0	0.5	364.6	0.0	4.6	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	14.4	8.2	3.3	1.5	1.86	4.35	8.02	
02	4.73	14.0	9.1	3.9	1.2	1.43	4.57	6.90	
03	3.67	13.9	7.8	2.5	0.7	1.61	3.00	5.05	
04	1.81	8.8	4.5	1.0	0.2	0.79	1.68	2.63	
05	0.96	7.2	2.3	0.5	0.1	0.15	0.57	1.59	
06	0.36	5.0	1.0	0.1	0.0	0.11	0.19	0.48	
07	0.14	7.0	0.1	0.0	0.0	0.05	0.06	0.25	
08	0.23	7.6	0.2	0.0	0.0	0.11	0.18	0.29	
09	0.21	6.3	0.4	0.0	0.0	0.08	0.16	0.26	
10	1.26	7.7	2.2	0.8	0.2	0.28	0.61	2.00	
11	2.43	10.6	5.2	1.4	0.5	1.32	1.85	2.95	
12	5.17	13.4	8.0	3.3	1.1	2.44	4.10	8.22	
Summary	26.04	115.9	49.0	16.8	5.5	10.23	21.32	38.64	

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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	353.6	315.0	373.5	385.5	460.3	507.0	581.2	612.2	565.5	531.6	411.0	339.9
45	203.2	178.2	219.8	235.9	305.4	357.0	426.2	457.2	415.5	376.6	261.8	190.2
50	80.1	67.9	86.0	97.8	154.4	207.2	271.2	302.2	265.5	222.4	124.4	72.6
55	17.6	13.6	15.4	17.7	37.3	70.9	119.4	148.0	120.7	90.8	36.9	14.9
60	2.3	1.3	1.1	1.5	2.5	6.7	18.2	30.0	25.4	22.9	6.7	1.3
Growing Degree Units for Corn (Monthly)												
50/86	151.7	136.6	165.4	170.2	195.7	233.9	280.2	307.7	287.6	272.6	198.1	146.7
Growing Degree Units (Accumulated Monthly)												
40	354	669	1042	1428	1888	2395	2976	3588	4154	4685	5096	5436
45	203	381	601	837	1142	1500	1926	2383	2798	3175	3437	3627
50	80	148	234	332	486	693	965	1267	1532	1755	1879	1952
55	18	31	47	64	102	172	292	440	561	651	688	703
60	2	4	5	6	9	15	34	64	89	112	119	120
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	152	288	454	624	820	1054	1334	1641	1929	2202	2400	2546

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