

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 10 ft. Lat: 33.2097° N Lon: 117.3950° W

Station: OCEANSIDE MARINA, CA US USC00046377

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	62.7	47.2	55.0	1.9	2.0	1.5	47.7	25.1	9.3	1.7	0.2	0.0	49.3	88.6	165.9	313.2	0.0	0.0	31.0	0.0	0.1	0.0
02	62.0	48.0	55.0	2.0	2.5	1.9	42.1	21.2	7.3	1.3	0.0	0.0	42.1	77.2	147.3	281.3	0.0	0.0	28.0	0.0	0.0	0.0
03	61.9	50.7	56.3	2.2	2.2	2.0	67.0	33.8	9.0	1.7	0.4	0.1	26.7	55.5	123.7	271.4	0.0	0.0	31.0	0.0	0.0	0.0
04	63.4	53.4	58.4	2.1	1.7	1.7	110.0	64.0	19.7	1.5	0.1	0.0	7.9	22.0	67.6	199.5	0.0	0.0	30.0	0.0	0.0	0.0
05	64.6	57.9	61.3	2.2	2.0	1.9	194.2	134.5	58.6	3.7	0.2	0.1	0.5	2.8	19.8	120.0	0.0	0.0	31.0	0.0	0.0	0.0
06	66.4	61.1	63.8	1.7	1.4	1.5	262.5	202.7	114.9	14.1	0.2	0.0	0.0	0.2	2.3	51.6	0.0	0.0	30.0	0.0	0.0	0.0
07	69.9	65.0	67.4	2.5	1.6	2.0	385.9	323.9	230.9	83.2	10.1	2.6	0.0	0.0	0.0	7.3	0.0	0.0	31.0	0.0	0.0	0.0
08	71.3	65.6	68.4	2.4	1.7	1.9	416.9	354.9	262.0	110.6	17.3	5.6	0.0	0.0	0.0	3.7	0.0	0.0	31.0	0.0	0.0	0.0
09	71.2	63.5	67.3	2.5	1.9	2.1	370.5	310.5	220.6	83.1	13.5	5.9	0.0	0.0	0.1	12.6	0.0	0.1	30.0	0.0	0.0	0.0
10	69.5	58.2	63.9	2.7	2.1	2.0	274.4	212.9	126.2	31.4	5.1	2.4	0.1	0.6	6.8	67.0	0.0	0.2	31.0	0.0	0.0	0.0
11	66.7	51.4	59.1	2.1	2.2	1.9	132.3	86.8	39.4	8.7	1.9	0.8	10.8	25.3	67.9	187.2	0.0	0.2	30.0	0.0	0.0	0.0
12	63.2	46.7	54.9	1.9	2.1	1.6	49.0	25.4	7.9	0.7	0.0	0.0	50.5	88.9	164.4	312.2	0.0	0.0	31.0	0.0	0.0	0.0
Summary	66.1	55.7	60.9	2.2	2.0	1.8	2353	1796	1106	342	49	18	188	361	766	1827	0.0	0.5	365.0	0.0	0.1	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	2.22	6.1	4.5	1.6	0.5	0.47	1.43	2.85
02	2.36	6.1	4.5	1.8	0.6	0.76	1.89	3.28
03	1.41	4.8	3.3	0.8	0.2	0.57	0.98	1.73
04	0.80	2.8	1.6	0.6	0.1	0.06	0.42	1.05
05	0.28	1.7	0.6	0.2	0.0	0.00	0.01	0.48
06	0.08	0.7	0.2	0.1	0.0	0.00	0.00	0.03
07	0.04	0.5	0.1	0.0	0.0	0.00	0.00	0.03
08	0.02	0.3	0.1	0.0	0.0	0.00	0.00	0.00
09	0.16	0.7	0.3	0.1	0.0	0.00	0.00	0.17
10	0.57	2.1	1.2	0.4	0.1	0.00	0.20	0.45
11	0.76	3.1	2.1	0.3	0.1	0.12	0.62	1.06
12	1.57	4.7	2.9	1.3	0.4	0.51	0.89	2.38
Summary	10.27	33.6	21.4	7.2	2.0	2.49	6.44	13.51

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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	463.4	420.0	505.3	552.0	658.7	712.5	850.9	881.9	820.5	739.3	571.5	463.5
45	308.6	280.0	350.3	402.0	503.7	562.5	695.9	726.9	670.5	584.3	421.5	308.5
50	158.2	143.7	196.5	252.2	348.7	412.5	540.9	571.9	520.5	429.3	272.2	157.9
55	47.7	42.1	67.0	110.0	194.2	262.5	385.9	416.9	370.5	274.4	132.3	49.0
60	9.3	7.3	9.0	19.7	58.6	114.9	230.9	262.0	220.6	126.2	39.4	7.9
Growing Degree Units for Corn (Monthly)												
50/86	211.5	185.0	221.6	261.2	349.3	412.6	541.5	571.9	520.2	430.4	293.6	220.7

Growing Degree Units (Accumulated Monthly)												
40	463	883	1389	1941	2599	3312	4163	5045	5865	6604	7176	7640
45	309	589	939	1341	1845	2407	3103	3830	4500	5085	5506	5815
50	158	302	498	751	1099	1512	2053	2625	3145	3574	3847	4004
55	48	90	157	267	461	724	1109	1526	1897	2171	2304	2353
60	9	17	26	45	104	219	450	712	932	1058	1098	1106
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	212	396	618	879	1229	1641	2183	2755	3275	3705	3999	4220

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