

Summary of Monthly Normals
1991-2020

Generated on 04/18/2024

Current Location: Elev: 10 ft. Lat: 33.6031° N Lon: 117.8836° W
Station: NEWPORT BEACH HARBOR, CA US USC00046175

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	64.5	50.4	57.4	2.3	1.8	1.7	94.1	55.4	20.8	4.3	0.7	0.4	18.2	41.5	99.9	238.3	0.0	0.0	31.0	0.0	0.0	0.0
02	63.3	51.0	57.2	1.9	2.0	1.7	77.7	43.9	14.8	2.4	0.3	0.1	17.5	39.6	94.5	222.2	0.0	0.0	28.0	0.0	0.0	0.0
03	64.7	53.1	58.9	1.8	2.0	1.7	127.0	76.7	25.9	3.8	0.7	0.3	6.1	17.8	60.0	192.9	0.0	0.0	31.0	0.0	0.0	0.0
04	65.9	55.1	60.5	1.8	1.7	1.6	166.3	110.6	44.4	6.4	0.6	0.1	1.3	5.6	29.4	141.4	0.0	0.0	30.0	0.0	0.0	0.0
05	66.7	58.3	62.5	2.2	1.7	1.9	232.6	171.4	87.2	10.2	0.9	0.3	0.0	0.9	9.7	87.7	0.0	0.0	31.0	0.0	0.0	0.0
06	68.4	61.5	64.9	1.5	1.5	1.3	298.5	238.5	149.5	28.1	1.3	0.4	0.0	0.0	1.0	29.6	0.0	0.0	30.0	0.0	0.0	0.0
07	71.8	64.6	68.2	1.6	1.7	1.6	409.1	347.1	254.1	103.4	16.2	4.7	0.0	0.0	0.0	4.2	0.0	0.0	31.0	0.0	0.0	0.0
08	73.3	65.5	69.4	1.9	2.0	1.9	446.4	384.4	291.4	138.2	28.6	11.3	0.0	0.0	0.0	1.8	0.0	0.1	31.0	0.0	0.0	0.0
09	74.1	64.1	69.1	1.9	1.9	1.6	423.0	363.0	273.0	125.0	28.0	13.2	0.0	0.0	0.0	2.1	0.0	0.1	30.0	0.0	0.0	0.0
10	72.7	60.2	66.5	2.3	2.0	2.0	354.9	292.9	200.6	70.0	14.5	7.0	0.0	0.0	0.7	25.1	0.0	0.3	31.0	0.0	0.0	0.0
11	68.4	54.5	61.4	1.8	1.7	1.6	197.1	142.9	74.6	15.4	2.2	1.0	3.6	9.4	31.1	121.9	0.0	0.1	30.0	0.0	0.0	0.0
12	64.1	49.8	57.0	2.0	1.7	1.5	80.5	43.9	13.9	1.7	0.1	0.0	20.0	45.4	108.4	251.1	0.0	0.0	31.0	0.0	0.0	0.0
Summary	68.2	57.3	62.8	1.9	1.8	1.7	2907	2271	1450	509	94	39	67	160	435	1318	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	2.20	6.4	3.9	1.4	0.5	0.47	1.22	2.91	
02	2.38	6.6	4.4	1.6	0.6	0.44	1.79	3.47	
03	1.34	4.8	2.9	0.7	0.3	0.34	0.88	1.81	
04	0.55	2.7	1.4	0.3	0.0	0.05	0.29	0.97	
05	0.18	1.5	0.6	0.0	0.0	0.00	0.05	0.24	
06	0.07	0.6	0.1	0.1	0.0	0.00	0.00	0.03	
07	0.02	0.6	0.1	0.0	0.0	0.00	0.00	0.01	
08	0.00	0.2	0.0	0.0	0.0	0.00	0.00	0.00	
09	0.10	0.5	0.2	0.1	0.0	0.00	0.00	0.02	
10	0.33	2.0	0.7	0.2	0.1	0.01	0.13	0.48	
11	0.64	3.2	1.6	0.3	0.1	0.12	0.37	0.92	
12	1.62	5.7	3.0	0.7	0.4	0.44	0.91	2.17	
Summary	9.43	34.8	18.9	5.4	2.0	1.87	5.64	13.03	

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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	540.9	480.3	585.9	615.0	697.5	748.5	874.1	911.4	873.0	819.9	643.5	525.5
45	385.9	340.3	430.9	465.0	542.5	598.5	719.1	756.4	723.0	664.9	493.5	370.5
50	231.7	201.0	276.1	315.0	387.5	448.5	564.1	601.4	573.0	509.9	343.8	215.8
55	94.1	77.7	127.0	166.3	232.6	298.5	409.1	446.4	423.0	354.9	197.1	80.5
60	20.8	14.8	25.9	44.4	87.2	149.5	254.1	291.4	273.0	200.6	74.6	13.9
Growing Degree Units for Corn (Monthly)												
50/86	255.6	217.3	283.5	316.3	387.7	448.7	563.8	601.3	572.0	508.8	350.9	246.7
Growing Degree Units (Accumulated Monthly)												
40	541	1021	1607	2222	2920	3668	4542	5454	6327	7146	7790	8316
45	386	726	1157	1622	2165	2763	3482	4239	4962	5626	6120	6490
50	232	433	709	1024	1411	1860	2424	3025	3598	4108	4452	4668
55	94	172	299	465	698	996	1405	1852	2275	2630	2827	2907
60	21	36	62	106	193	343	597	888	1161	1362	1436	1450
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	256	473	756	1073	1460	1909	2473	3074	3646	4155	4506	4753

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