U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 135 ft. Lat: 33.7442° N Lon: 117.8667° W

Station: **SANTA ANA FIRE STN, CA US USC00047888**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	69.3	48.7	59.0	3.5	1.9	2.3	139.7	96.0	49.3	12.5	3.0	1.7	15.7	34.0	80.4	198.5	0.0	0.2	31.0	0.0	0.0	0.0
02	69.3	49.5	59.4	3.7	2.2	2.6	135.3	93.8	49.5	12.8	2.9	1.6	12.1	26.6	66.3	169.6	0.0	0.5	28.0	0.0	0.0	0.0
03	71.2	51.8	61.5	3.5	2.4	2.7	206.2	151.7	83.7	20.6	3.6	1.6	4.7	12.2	37.2	129.1	0.0	0.9	31.0	0.0	0.0	0.0
04	73.2	54.2	63.7	2.9	1.8	2.2	262.4	205.2	127.4	40.1	9.9	5.8	1.4	4.2	16.4	79.1	0.2	1.3	30.0	0.0	0.0	0.0
05	74.7	58.1	66.4	3.2	2.1	2.5	353.4	291.7	200.9	74.6	16.5	8.7	0.0	0.3	2.5	31.2	0.1	1.5	31.0	0.0	0.0	0.0
06	77.7	61.3	69.5	2.9	1.6	2.1	435.0	375.0	285.3	139.3	34.2	16.7	0.0	0.0	0.3	4.2	0.1	1.2	30.0	0.0	0.0	0.0
07	82.5	64.7	73.6	3.2	1.9	2.4	576.6	514.6	421.5	266.6	117.6	71.5	0.0	0.0	0.0	0.0	0.2	4.1	31.0	0.0	0.0	0.0
08	84.6	65.3	75.0	2.6	2.0	2.1	618.4	556.4	463.4	308.4	155.8	101.8	0.0	0.0	0.0	0.0	0.3	7.0	31.0	0.0	0.0	0.0
09	83.8	63.9	73.8	3.1	2.2	2.4	565.5	505.5	415.4	265.7	126.6	82.8	0.0	0.0	0.0	0.3	0.8	7.0	30.0	0.0	0.0	0.0
10	79.4	59.4	69.4	3.9	2.3	2.8	446.4	384.5	291.9	148.0	53.2	32.0	0.0	0.1	0.5	11.6	0.5	4.8	31.0	0.0	0.0	0.0
11	74.0	52.8	63.4	2.9	2.2	2.4	254.6	198.9	123.5	41.3	10.6	5.4	2.6	6.9	21.5	89.3	0.1	1.6	30.0	0.0	0.0	0.0
12	68.4	48.1	58.2	2.4	2.1	1.8	117.4	74.9	31.7	4.7	0.5	0.1	16.6	36.1	85.8	213.9	0.0	0.0	31.0	0.0	0.0	0.0
Summary	75.7	56.5	66.1	3.1	2.1	2.4	4111	3448	2544	1335	534	330	53	120	311	927	2.3	30.1	365.0	0.0	0.0	0.0

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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	2.88	6.3	4.7	2.1	0.8	0.74	1.50	4.31
02	3.16	6.6	4.9	2.3	1.1	0.46	2.58	4.30
03	1.71	4.9	3.1	1.3	0.3	0.44	1.21	2.30
04	0.82	2.9	1.6	0.6	0.1	0.09	0.46	1.18
05	0.29	1.7	0.7	0.2	0.0	0.00	0.06	0.50
06	0.08	0.6	0.1	0.1	0.0	0.00	0.00	0.03
07	0.03	0.5	0.1	0.0	0.0	0.00	0.00	0.00
08	0.00	0.1	0.0	0.0	0.0	0.00	0.00	0.00
09	0.12	0.6	0.2	0.1	0.0	0.00	0.00	0.04
10	0.50	2.1	1.1	0.3	0.1	0.01	0.14	0.67
11	0.79	2.8	1.8	0.5	0.2	0.09	0.52	1.28
12	2.16	5.9	3.9	1.6	0.6	0.81	1.33	3.45
Summary	12.54	35.0	22.2	9.1	3.2	2.64	7.80	18.06

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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	589.0	543.2	666.5	711.0	818.4	885.0	1041.6	1083.4	1015.5	911.4	702.0	565.8
45	434.0	403.2	511.5	561.0	663.4	735.0	886.6	928.4	865.5	756.4	552.0	410.8
50	280.0	263.8	356.6	411.0	508.4	585.0	731.6	773.4	715.5	601.4	402.1	256.8
55	139.7	135.3	206.2	262.4	353.4	435.0	576.6	618.4	565.5	446.4	254.6	117.4
60	49.3	49.5	83.7	127.4	200.9	285.3	421.5	463.4	415.4	291.9	123.5	31.7
Growing Degree Units for Corn (Monthly)												
50/86	322.7	293.3	372.0	412.0	503.7	580.2	717.8	749.6	689.7	584.4	412.6	304.8

Growing Degree Units (Accumulated Monthly)

40	589	1132	1799	2510	3328	4213	5255	6338	7354	8265	8967	9533
45	434	837	1349	1910	2573	3308	4195	5123	5989	6745	7297	7708
50	280	544	900	1311	1820	2405	3136	3910	4625	5227	5629	5886
55	140	275	481	744	1097	1532	2109	2727	3292	3739	3994	4111
60	49	99	182	310	511	796	1218	1681	2096	2388	2512	2544
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	323	616	988	1400	1904	2484	3202	3951	4641	5225	5638	5943

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

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