

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3120 ft. Lat: 32.3478° N Lon: 104.2225° W

Station: CARLSBAD, NM US USC00291469

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	58.7	30.0	44.3	4.3	2.5	2.7	8.2	3.6	0.6	0.0	0.0	0.0	338.2	395.6	485.6	640.0	0.0	0.0	24.9	0.8	23.0	0.0
02	64.0	34.0	49.0	4.1	2.7	3.0	28.8	16.9	6.9	0.9	0.0	0.0	196.7	240.9	314.9	448.9	0.0	0.0	24.6	0.5	14.5	0.1
03	71.8	40.7	56.3	3.1	2.7	2.4	120.9	86.8	47.6	12.1	1.6	0.4	82.1	110.1	163.9	283.3	0.0	0.4	29.8	0.0	5.9	0.0
04	80.1	48.3	64.2	3.2	2.8	2.7	293.2	240.9	169.3	75.1	21.1	10.6	17.2	24.9	43.3	99.1	0.0	4.1	29.7	0.0	0.7	0.0
05	88.0	57.9	72.9	3.8	2.3	2.8	558.1	497.3	407.6	265.2	143.6	104.0	1.6	2.8	6.1	18.7	2.1	15.1	31.0	0.0	0.0	0.0
06	96.6	67.0	81.8	3.1	1.9	2.4	803.8	743.8	653.8	504.0	355.2	296.5	0.0	0.0	0.0	0.2	10.2	25.8	30.0	0.0	0.0	0.0
07	96.5	70.7	83.6	3.2	1.5	2.2	886.6	824.6	731.6	576.6	422.0	360.5	0.0	0.0	0.0	0.0	9.8	27.5	31.0	0.0	0.0	0.0
08	95.3	69.4	82.3	2.8	2.1	2.2	847.7	785.7	692.7	537.7	383.1	321.6	0.0	0.0	0.0	0.0	6.0	26.8	31.0	0.0	0.0	0.0
09	88.4	62.3	75.3	3.2	2.2	2.3	611.1	551.5	462.8	317.5	182.8	136.1	0.6	1.0	2.3	7.1	1.2	14.7	30.0	0.0	0.0	0.0
10	79.7	50.2	65.0	2.7	2.2	1.5	323.7	269.0	192.9	88.5	26.9	14.2	15.3	22.7	39.5	90.2	0.0	4.7	30.8	0.0	0.8	0.0
11	67.8	38.2	53.0	4.3	3.0	3.1	72.5	49.6	25.3	5.3	0.6	0.1	132.4	169.5	235.3	365.2	0.0	0.1	28.0	0.1	9.1	0.0
12	58.6	30.7	44.7	3.8	2.4	2.5	10.8	5.6	1.3	0.0	0.0	0.0	331.4	388.3	477.0	630.7	0.0	0.0	24.5	0.6	21.3	0.0
Summary	78.8	50.0	64.4	3.5	2.4	2.5	4565	4075	3392	2383	1537	1244	1116	1356	1768	2583	29.3	119.2	345.3	2.0	75.3	0.1

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	0.56	3.0	1.6	0.2	0.0	0.06	0.30	0.87	
02	0.45	2.6	1.2	0.3	0.0	0.07	0.19	0.48	
03	0.54	2.7	1.3	0.3	0.1	0.05	0.24	0.71	
04	0.45	1.9	1.0	0.3	0.1	0.00	0.18	0.61	
05	0.99	3.5	2.2	0.8	0.2	0.10	0.47	1.40	
06	1.07	4.6	2.7	0.7	0.2	0.46	0.84	1.56	
07	2.03	5.6	3.7	1.1	0.5	0.54	1.31	2.66	
08	1.63	5.7	3.7	1.0	0.4	0.53	1.15	2.07	
09	2.49	5.7	3.7	1.8	0.9	0.67	2.07	2.96	
10	1.01	4.2	2.3	0.7	0.1	0.11	0.56	1.04	
11	0.66	3.1	1.6	0.4	0.1	0.11	0.39	0.55	
12	0.67	3.2	1.5	0.4	0.1	0.10	0.36	0.79	
Summary	12.55	45.8	26.5	8.0	2.7	2.80	8.06	15.70	

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

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

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	1.00	0.3	0.3	0.1	0.1	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.00
02	0.40	0.3	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.00
03	0.10	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	0.50	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.00	0.00	0.00
12	0.70	0.4	0.4	0.3	0.1	0.0	0.6	0.4	0.3	0.0	0.00	0.00	0.00
Summary	2.7	1.1	1.1	0.6	0.2	0.0	1.3	0.7	0.3	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	183.3	272.5	508.2	726.5	1021.5	1253.8	1351.6	1312.7	1060.5	774.1	400.4	191.0
45	88.9	162.1	362.6	577.9	866.5	1103.7	1196.6	1157.6	910.4	620.0	267.1	97.0
50	33.7	79.1	229.8	432.4	711.9	953.8	1041.6	1002.7	760.6	468.7	154.4	39.4
55	8.2	28.8	120.9	293.2	558.1	803.8	886.6	847.7	611.1	323.7	72.5	10.8
60	0.6	6.9	47.6	169.3	407.6	653.8	731.6	692.7	462.8	192.9	25.3	1.3
Growing Degree Units for Corn (Monthly)												
50/86	161.4	209.8	344.6	466.4	641.5	791.0	875.3	854.6	694.9	492.1	278.3	159.7

Growing Degree Units (Accumulated Monthly)												
40	183	456	964	1690	2712	3966	5317	6630	7691	8465	8865	9056
45	89	251	614	1192	2058	3162	4358	5516	6426	7046	7313	7410
50	34	113	343	775	1487	2441	3482	4485	5246	5714	5869	5908
55	8	37	158	451	1009	1813	2700	3547	4158	4482	4555	4565
60	1	8	55	224	632	1286	2017	2710	3173	3366	3391	3392
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	161	371	716	1182	1824	2615	3490	4345	5040	5532	5810	5970

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