

Summary of Monthly Normals  
1981-2010  
Generated on 02/28/2018

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	56.4	34.9	45.6	4.6	2.9	3.5	21	12	5	1	0	0	311	364	450	600	0.0	0.0	23.4	0.9	11.6	0.0
02	60.3	37.9	49.1	4.3	3.3	3.6	40	27	13	3	-7777	-7777	205	248	318	448	0.0	0.0	23.4	0.8	7.3	0.0
03	67.2	43.3	55.2	2.8	2.7	2.5	126	96	58	19	4	1	118	150	206	322	0.0	-7777	28.9	0.1	4.1	0.0
04	75.1	50.7	62.9	3.1	3.2	3.0	274	226	161	76	26	14	37	49	74	139	0.0	0.7	29.1	0.0	0.8	0.0
05	83.7	59.3	71.5	3.8	2.6	3.1	514	454	366	230	120	88	3	4	9	29	0.4	8.2	30.9	0.0	0.0	0.0
06	90.9	65.3	78.1	3.9	2.8	3.1	693	633	543	395	254	202	-7777	-7777	-7777	2	2.7	18.0	30.0	0.0	0.0	0.0
07	90.8	67.1	78.9	2.8	1.6	2.0	742	680	587	433	280	221	0	-7777	-7777	-7777	1.3	18.3	31.0	0.0	0.0	0.0
08	89.2	66.4	77.8	2.9	2.0	2.2	707	645	552	398	248	191	0	-7777	-7777	1	0.4	15.9	31.0	0.0	0.0	0.0
09	83.3	60.9	72.1	3.3	2.0	2.4	516	457	371	233	113	76	3	4	8	20	0.0	5.6	29.8	0.0	0.0	0.0
10	75.0	52.4	63.7	3.2	2.0	2.3	296	243	172	79	24	12	26	35	57	120	0.0	0.6	30.4	-7777	0.2	0.0
11	65.0	43.0	54.0	3.9	3.3	3.4	98	71	39	11	2	1	128	161	219	341	0.0	0.0	26.8	0.3	3.6	0.0
12	57.0	35.8	46.4	3.3	3.2	3.0	24	15	7	1	-7777	0	291	343	428	577	0.0	0.0	23.4	1.0	10.3	0.0
Summary	74.5	51.4	62.9	3.5	2.6	2.8	4051	3559	2874	1879	1071	806	1122	1358	1769	2599	4.8	67.3	338.1	3.1	37.9	0.0

-7777: a non-zero value that would round to zero

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	0.37	3.4	1.2	0.1	0.0	0.06	0.26	0.45
02	0.53	3.0	1.6	0.4	0.0	0.15	0.35	0.80
03	0.47	3.2	1.5	0.2	0.0	0.08	0.31	0.66
04	0.64	2.9	1.7	0.5	0.1	0.11	0.40	0.98
05	1.41	4.7	2.9	0.8	0.3	0.15	0.94	2.41
06	2.16	5.9	3.9	1.2	0.5	0.39	1.19	2.30
07	2.44	6.1	4.0	1.6	0.7	0.97	2.09	3.43
08	2.36	7.3	4.4	1.6	0.7	1.06	1.96	2.61
09	2.99	6.7	4.0	1.8	0.9	1.12	3.24	4.52
10	1.23	5.7	2.9	0.7	0.3	0.14	0.97	2.23
11	0.56	2.7	1.5	0.4	0.1	0.08	0.45	0.84
12	0.56	3.0	1.6	0.3	0.0	0.15	0.31	0.67
Summary	15.72	54.6	31.2	9.6	3.6	4.46	12.47	21.90

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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	0.9	0.6	0.4	0.1	-7777	-7777	0.3	-7777	0.0	0.0	0.0	0.0	1.3
02	0.8	0.6	0.3	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	1.0
03	0.2	0.1	0.1	0.0	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
04	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
05	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
06	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
07	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
08	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
09	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
10	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
11	0.2	0.1	0.1	0.1	0.0	0.0	0.1	-7777	0.0	0.0	0.0	0.0	0.0
12	1.8	0.6	0.3	0.3	0.1	0.1	0.3	0.2	-7777	0.0	0.0	0.0	0.0
Summary	3.9	2.0	1.2	0.6	0.1	0.1	1.3	0.4	0.0	0.0	0.0	0.0	2.3

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U.S. Department of Commerce  
National Oceanic & Atmospheric Administration  
National Environmental Satellite, Data, and Information Service  
Current Location: Elev: 4435 ft. Lat: 32.1783° N Lon: -104.4433° W  
Station: CARLSBAD CAVERNS, NM US USC00291480

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

Growing Degree Units (Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	231	285	483	690	976	1143	1207	1172	963	736	433	251
45	130	177	345	545	822	993	1052	1017	813	584	303	145
50	61	95	223	405	667	843	897	862	664	436	189	69
55	21	40	126	274	514	693	742	707	516	296	98	24
60	5	13	58	161	366	543	587	552	371	172	39	7
Growing Degree Units for Corn (Monthly)												
50/86	137	171	297	437	636	748	810	793	641	458	254	147

Growing Degree Units (Accumulated Monthly)												
Base	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40	231	516	999	1689	2665	3808	5015	6187	7150	7886	8319	8570
45	130	307	652	1197	2019	3012	4064	5081	5894	6478	6781	6926
50	61	156	379	784	1451	2294	3191	4053	4717	5153	5342	5411
55	21	61	187	461	975	1668	2410	3117	3633	3929	4027	4051
60	5	18	76	237	603	1146	1733	2285	2656	2828	2867	2874
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	137	308	605	1042	1678	2426	3236	4029	4670	5128	5382	5529

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