

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 3886 ft. Lat: 32.2822° N Lon: 106.7597° W
Station: **STATE UNIV, NM US USC00298535**

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	58.9	29.6	44.2	3.6	1.8	2.2	0.9	0.2	0.0	0.0	0.0	0.0	334.1	395.4	488.2	643.2	0.0	0.0	27.3	0.1	22.9	0.0
02	64.1	33.5	48.8	3.5	2.7	2.7	11.5	4.8	1.2	0.0	0.0	0.0	185.0	234.4	314.8	453.6	0.0	0.0	26.7	0.1	12.2	0.1
03	71.3	39.2	55.2	2.9	2.4	2.3	84.0	54.1	23.1	2.6	0.1	0.0	76.2	108.3	170.3	304.9	0.0	0.0	30.8	0.0	3.8	0.0
04	78.5	45.7	62.1	2.7	2.4	2.4	227.7	177.5	110.7	33.3	4.9	1.7	14.7	24.5	47.7	120.3	0.0	1.2	30.0	0.0	0.2	0.0
05	87.1	54.2	70.6	3.0	2.2	2.2	485.9	424.5	334.1	193.1	83.0	51.9	0.7	1.4	3.9	17.9	0.6	11.5	31.0	0.0	0.0	0.0
06	96.2	63.7	80.0	2.3	3.4	2.7	748.4	688.4	598.4	448.6	300.2	242.2	0.0	0.0	0.0	0.2	8.2	26.9	30.0	0.0	0.0	0.0
07	95.6	69.1	82.4	2.4	1.3	1.7	847.8	785.8	692.8	537.8	382.8	321.0	0.0	0.0	0.0	0.0	7.5	27.3	31.0	0.0	0.0	0.0
08	93.6	67.7	80.6	2.7	1.6	2.1	795.1	733.1	640.1	485.1	330.3	268.6	0.0	0.0	0.0	0.0	2.9	25.1	31.0	0.0	0.0	0.0
09	88.4	61.1	74.8	2.6	2.2	2.2	592.5	532.6	443.1	295.8	159.4	112.6	0.1	0.2	0.7	3.3	0.3	14.4	30.0	0.0	0.0	0.0
10	79.6	48.3	64.0	2.5	2.2	1.7	290.1	234.5	158.9	61.2	11.7	4.8	12.7	19.1	36.5	93.7	0.0	2.2	30.9	0.0	0.7	0.0
11	67.9	36.6	52.2	3.7	2.4	2.8	46.0	27.5	10.7	1.3	0.0	0.0	128.5	170.0	243.2	383.8	0.0	0.0	29.3	0.0	8.1	0.0
12	58.1	29.7	43.9	3.1	2.3	2.1	1.7	0.5	0.0	0.0	0.0	0.0	345.6	406.4	498.9	654.0	0.0	0.0	26.5	0.1	21.2	0.0
Summary	78.3	48.2	63.2	2.9	2.2	2.3	4132	3664	3013	2059	1272	1003	1098	1360	1804	2675	19.5	108.6	354.5	0.3	69.1	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	0.48	3.3	1.6	0.2	0.0	0.04	0.28	0.74	
02	0.36	2.5	1.1	0.2	0.0	0.04	0.17	0.47	
03	0.26	2.0	0.7	0.1	0.0	0.00	0.09	0.31	
04	0.22	1.6	0.6	0.1	0.0	0.00	0.03	0.34	
05	0.38	2.1	0.9	0.2	0.0	0.00	0.11	0.53	
06	0.65	3.2	1.4	0.4	0.1	0.13	0.29	0.86	
07	1.77	8.9	4.1	0.8	0.3	1.09	1.53	2.11	
08	1.73	8.4	4.2	1.0	0.3	0.91	1.42	2.05	
09	1.41	5.2	2.8	1.0	0.3	0.47	1.18	1.97	
10	0.82	4.0	1.9	0.5	0.1	0.16	0.46	1.21	
11	0.42	2.6	1.3	0.2	0.0	0.08	0.33	0.51	
12	0.64	3.3	1.7	0.3	0.0	0.14	0.36	1.07	
Summary	9.14	47.1	22.3	5.0	1.1	3.06	6.25	12.17	

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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	0.40	0.3	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.30
02	0.10	0.1	0.0	0.0	0.0	0.0	0.1	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	0.10	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
12	0.40	0.3	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.00	0.00	0.20
Summary	1.0	0.8	0.3	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0	0.0	0.5

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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	158.5	253.8	473.5	663.1	950.2	1198.4	1312.8	1260.1	1042.4	742.7	371.8	152.8
45	58.6	136.3	323.9	513.4	795.2	1048.4	1157.8	1105.1	892.5	588.4	234.4	60.1
50	11.5	52.4	188.7	365.6	640.3	898.4	1002.8	950.1	742.5	436.6	121.3	14.8
55	0.9	11.5	84.0	227.7	485.9	748.4	847.8	795.1	592.5	290.1	46.0	1.7
60	0.0	1.2	23.1	110.7	334.1	598.4	692.8	640.1	443.1	158.9	10.7	0.0
Growing Degree Units for Corn (Monthly)												
50/86	146.6	198.0	329.2	433.3	598.2	744.0	852.0	829.0	684.1	480.3	271.5	136.2

Growing Degree Units (Accumulated Monthly)												
40	158	412	886	1549	2499	3698	5010	6270	7313	8055	8427	8580
45	59	195	519	1032	1827	2876	4034	5139	6031	6620	6854	6914
50	12	64	253	618	1258	2157	3160	4110	4852	5289	5410	5425
55	1	12	96	324	810	1558	2406	3201	3794	4084	4130	4132
60	0	1	24	135	469	1068	1760	2400	2844	3002	3013	3013
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	147	345	674	1107	1705	2449	3301	4130	4814	5295	5566	5702

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