

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7400 ft. Lat: 36.9825° N Lon: 104.3753° W
Station: LAKE MALOYA, NM US USC00294742
Generated on 06/04/2024

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	41.8	10.7	26.3	2.9	3.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	891.2	953.2	1046.2	1201.2	0.0	0.0	7.9	5.7	31.0	4.3
02	43.3	11.9	27.6	4.3	3.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0	767.1	823.1	907.1	1047.1	0.0	0.0	9.0	4.6	27.9	3.5
03	50.4	20.4	35.4	3.4	2.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	607.7	669.6	762.6	917.6	0.0	0.0	17.5	2.2	30.4	0.9
04	56.6	26.6	41.6	3.4	2.2	2.5	0.8	0.3	0.0	0.0	0.0	0.0	402.8	462.2	552.0	702.0	0.0	0.0	22.8	0.7	25.1	0.0
05	66.2	35.6	50.9	3.5	2.2	2.5	31.4	16.7	4.9	0.1	0.0	0.0	158.5	205.8	287.0	437.2	0.0	0.0	29.1	0.1	9.1	0.0
06	75.4	44.0	59.7	3.5	1.7	2.4	155.1	107.7	51.6	5.9	0.0	0.0	14.2	26.8	60.7	164.9	0.0	0.2	29.9	0.0	0.5	0.0
07	78.2	49.0	63.6	2.2	1.3	1.5	267.0	206.5	120.3	19.8	0.3	0.1	0.5	1.9	8.8	63.3	0.0	0.1	31.0	0.0	0.0	0.0
08	76.1	48.2	62.2	2.8	1.4	1.9	223.6	164.9	85.6	10.8	0.2	0.1	2.0	5.3	19.0	99.1	0.0	0.0	31.0	0.0	0.0	0.0
09	70.5	41.3	55.9	3.1	2.1	2.3	83.7	50.7	17.0	0.6	0.0	0.0	56.8	83.7	140.0	273.7	0.0	0.0	29.5	0.0	2.4	0.0
10	60.3	30.6	45.5	3.2	2.5	2.5	4.6	1.5	0.2	0.0	0.0	0.0	300.7	359.6	451.2	606.1	0.0	0.0	26.9	0.5	18.7	0.1
11	49.5	20.8	35.2	4.5	2.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	595.5	655.5	745.5	895.5	0.0	0.0	15.1	2.8	29.0	0.8
12	41.8	12.9	27.4	2.6	2.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	857.1	919.1	1012.1	1167.1	0.0	0.0	8.0	6.1	31.0	2.9
Summary	59.2	29.3	44.3	3.3	2.3	2.5	766	548	280	37	0	0	4654	5166	5992	7575	0.0	0.3	257.7	22.7	205.1	12.5

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	0.86	4.8	2.9	0.3	0.1	0.40	0.64	1.04	
02	0.87	4.9	3.3	0.3	0.0	0.33	0.84	1.16	
03	1.80	6.9	4.6	1.0	0.3	0.76	1.36	2.56	
04	2.01	6.9	4.5	1.2	0.3	0.89	1.67	2.35	
05	2.02	7.2	4.2	1.2	0.3	0.84	1.55	2.21	
06	2.02	8.9	5.4	1.5	0.3	1.31	1.78	2.84	
07	3.44	11.4	7.0	2.1	0.8	2.58	3.22	4.07	
08	2.95	11.9	7.6	1.7	0.5	1.90	2.48	4.04	
09	1.92	6.7	4.4	1.1	0.4	0.74	1.81	2.62	
10	1.57	5.3	3.6	0.9	0.2	0.67	1.30	2.24	
11	1.06	5.2	2.9	0.5	0.1	0.41	0.63	1.34	
12	0.93	4.7	2.8	0.4	0.0	0.51	0.87	1.19	
Summary	21.45	84.8	53.2	12.2	3.3	11.34	18.15	27.66	

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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	13.40	4.9	3.4	1.9	0.7	0.2					7.50	10.50	17.40
02	13.00	4.4	3.5	1.9	0.7	0.3					5.20	11.00	16.40
03	18.30	5.5	4.3	2.3	1.1	0.3					8.10	15.30	23.70
04	11.00	4.8	3.6	1.6	0.7	0.1					4.00	9.40	13.20
05	1.60	0.8	0.6	0.3	0.1	0.0					0.00	0.00	1.10
06	0.00	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					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.20	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
10	5.20	1.6	1.3	0.6	0.3	0.1					0.00	3.00	8.30
11	11.00	3.8	3.0	1.4	0.6	0.2					3.40	7.00	13.20
12	15.60	4.5	3.3	1.9	1.0	0.3					7.60	11.10	17.20
Summary	89.3	30.4	23.1	11.9	5.2	1.5	0.0	0.0	0.0	0.0	35.8	67.3	110.5

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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	1.1	4.3	37.3	115.8	347.4	590.9	731.5	686.6	478.2	205.0	43.1	2.5
45	0.0	0.5	8.5	42.0	212.1	441.5	576.6	531.6	332.3	97.7	11.1	0.3
50	0.0	0.0	1.0	8.0	102.1	293.7	421.5	376.6	195.9	31.2	1.1	0.0
55	0.0	0.0	0.0	0.8	31.4	155.1	267.0	223.6	83.7	4.6	0.0	0.0
60	0.0	0.0	0.0	0.0	4.9	51.6	120.3	85.6	17.0	0.2	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	14.7	23.4	70.6	126.9	256.1	381.2	447.7	413.6	308.9	176.6	64.4	16.1

Growing Degree Units (Accumulated Monthly)												
40	1	5	43	158	506	1097	1828	2515	2993	3198	3241	3244
45	0	0	9	51	263	705	1281	1813	2145	2243	2254	2254
50	0	0	1	9	111	405	826	1203	1399	1430	1431	1431
55	0	0	0	1	32	187	454	678	762	766	766	766
60	0	0	0	0	5	56	177	262	279	280	280	280
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	15	38	109	236	492	873	1321	1734	2043	2220	2284	2300

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