

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7850 ft. Lat: 36.9178° N Lon: 106.5781° W
Station: CHAMA, NM US USC00291664
Generated on 04/28/2024

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	37.5	7.1	22.3	3.6	3.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1013.7	1075.7	1168.7	1323.7	0.0	0.0	2.4	6.5	30.9	7.9
02	40.8	10.8	25.8	3.5	3.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	817.6	873.6	957.6	1097.6	0.0	0.0	4.7	2.9	27.8	4.2
03	48.4	18.3	33.4	3.2	2.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	671.2	733.2	826.2	981.2	0.0	0.0	16.3	0.7	30.4	1.2
04	56.2	24.2	40.2	3.3	2.2	2.4	0.1	0.0	0.0	0.0	0.0	0.0	444.0	504.0	594.0	744.0	0.0	0.0	24.6	0.1	27.1	0.0
05	65.5	31.5	48.5	3.4	2.2	1.9	11.6	5.8	1.2	0.1	0.0	0.0	213.1	269.3	357.7	511.6	0.0	0.0	29.9	0.0	18.4	0.0
06	76.8	38.5	57.6	3.1	2.2	2.3	110.8	72.7	31.6	3.3	0.1	0.0	31.3	53.2	102.2	223.8	0.0	0.4	30.0	0.0	5.0	0.0
07	80.4	46.0	63.2	2.3	2.1	1.6	255.0	194.4	110.5	20.1	0.6	0.1	0.9	2.3	11.3	76.0	0.0	1.4	31.0	0.0	0.3	0.0
08	77.8	45.6	61.7	2.7	1.8	1.8	210.4	152.7	76.1	9.6	0.2	0.0	2.7	7.0	23.5	111.9	0.0	0.2	31.0	0.0	0.3	0.0
09	71.5	37.9	54.7	2.8	2.1	2.1	59.0	32.6	10.0	0.3	0.0	0.0	68.1	101.6	169.0	309.3	0.0	0.0	29.8	0.0	6.2	0.0
10	60.6	27.1	43.9	3.6	3.1	2.5	1.3	0.3	0.0	0.0	0.0	0.0	347.0	407.9	500.7	655.6	0.0	0.0	28.0	0.1	24.2	0.1
11	47.7	16.9	32.3	4.6	3.5	3.7	0.0	0.0	0.0	0.0	0.0	0.0	681.0	741.0	831.0	981.0	0.0	0.0	14.8	2.1	28.9	1.7
12	37.7	8.2	22.9	2.9	3.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	993.5	1055.5	1148.5	1303.5	0.0	0.0	3.6	7.2	31.0	7.4
Summary	58.4	26.0	42.2	3.2	2.7	2.5	648	458	229	33	1	0	5284	5824	6690	8319	0.0	2.0	246.1	19.6	230.5	22.5

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	2.04	7.2	4.7	1.5	0.3	0.99	1.83	2.59	
02	1.94	8.4	5.1	1.3	0.1	1.03	1.67	2.50	
03	1.45	6.7	4.2	0.6	0.1	0.72	1.23	1.78	
04	1.51	7.1	4.2	0.9	0.1	0.72	1.42	2.14	
05	1.59	7.6	4.0	0.9	0.1	0.38	1.46	2.17	
06	0.80	4.8	2.4	0.3	0.0	0.20	0.50	1.24	
07	2.32	12.3	6.8	1.1	0.2	1.45	2.10	3.10	
08	3.02	12.9	7.8	1.5	0.3	2.13	3.11	3.91	
09	2.32	9.0	6.0	1.4	0.3	1.40	1.87	3.23	
10	1.73	7.0	4.7	1.0	0.2	0.86	1.44	2.36	
11	1.69	5.5	3.9	1.3	0.3	0.81	1.71	2.29	
12	1.94	7.9	4.7	1.2	0.3	0.94	1.70	2.52	
Summary	22.35	96.4	58.5	13.0	2.3	11.63	20.04	29.83	

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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	22.60	6.7	5.5	3.1	1.9	0.6					12.40	16.80	32.60
02	23.00	7.4	6.1	2.9	1.6	0.5					13.50	21.50	27.00
03	13.90	4.3	3.3	1.4	0.7	0.1					7.20	13.20	19.00
04	5.90	2.5	1.9	0.7	0.2	0.0					1.60	3.30	10.00
05	1.10	0.5	0.5	0.1	0.0	0.0					0.00	0.00	0.50
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	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	2.10	0.7	0.6	0.3	0.0	0.0					0.00	0.00	1.80
11	9.70	3.5	2.7	1.2	0.5	0.2					3.20	7.50	14.30
12	13.60	6.3	5.1	2.9	1.5	0.3					1.90	14.50	21.30
Summary	91.9	31.9	25.7	12.6	6.4	1.7	0.0	0.0	0.0	0.0	39.8	76.8	126.5

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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	0.1	0.7	12.7	79.3	273.4	529.5	719.1	672.6	441.9	159.6	19.5	0.2
45	0.0	0.0	1.0	21.2	142.4	380.2	564.1	517.6	296.7	64.0	3.2	0.0
50	0.0	0.0	0.0	3.2	50.9	235.4	409.1	362.7	162.6	15.3	0.0	0.0
55	0.0	0.0	0.0	0.1	11.6	110.8	255.0	210.4	59.0	1.3	0.0	0.0
60	0.0	0.0	0.0	0.0	1.2	31.6	110.5	76.1	10.0	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	2.0	5.1	38.7	114.0	244.6	401.7	473.8	435.5	323.7	175.8	47.3	3.6

Growing Degree Units (Accumulated Monthly)												
40	0	1	14	93	366	896	1615	2287	2729	2889	2908	2909
45	0	0	1	22	165	545	1109	1626	1923	1987	1990	1990
50	0	0	0	3	54	290	699	1061	1224	1239	1239	1239
55	0	0	0	0	12	122	378	588	647	648	648	648
60	0	0	0	0	1	33	143	219	229	229	229	229
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	46	160	404	806	1280	1715	2039	2215	2262	2266

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

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