

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7464 ft. Lat: 36.7664° N Lon: 106.5536° W
Station: TIERRA AMARILLA 4 N, NM US USC00298845

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	40.2	5.7	22.9	3.1	4.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	993.5	1055.5	1148.5	1303.5	0.0	0.0	4.4	5.2	30.9	9.5
02	43.3	9.8	26.6	3.7	4.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	796.5	852.5	936.5	1076.5	0.0	0.0	7.2	2.0	27.9	4.3
03	51.2	18.2	34.7	3.2	2.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	629.3	691.3	784.3	939.3	0.0	0.0	17.6	0.6	30.8	1.2
04	58.8	24.2	41.5	2.8	1.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	405.0	465.0	555.0	705.0	0.0	0.0	24.8	0.1	28.4	0.0
05	68.1	31.3	49.7	3.4	1.9	2.1	13.3	6.4	2.0	0.2	0.0	0.0	177.6	232.7	321.3	474.5	0.0	0.1	30.0	0.0	18.4	0.0
06	79.5	38.3	58.9	3.7	2.1	2.6	138.5	95.0	43.5	4.2	0.0	0.0	21.5	38.0	76.5	187.2	0.0	0.3	30.0	0.0	5.0	0.0
07	83.3	46.3	64.8	2.4	2.4	1.8	303.9	242.5	153.0	36.0	0.9	0.1	0.2	0.8	4.2	42.3	0.0	3.3	31.0	0.0	0.3	0.0
08	80.9	45.5	63.2	2.6	1.8	1.8	255.2	194.6	109.8	17.2	0.2	0.0	1.0	2.4	10.7	73.0	0.0	1.1	31.0	0.0	0.1	0.0
09	73.9	37.5	55.7	2.5	2.1	1.9	74.4	43.0	14.1	0.5	0.0	0.0	53.4	82.1	143.1	279.6	0.0	0.0	30.0	0.0	7.4	0.0
10	62.5	26.8	44.7	3.0	3.2	2.2	1.2	0.3	0.0	0.0	0.0	0.0	322.0	383.2	475.8	630.8	0.0	0.0	27.6	0.1	25.5	0.0
11	50.4	16.8	33.6	4.9	2.4	3.3	0.0	0.0	0.0	0.0	0.0	0.0	642.0	702.0	792.0	942.0	0.0	0.0	15.1	1.8	29.6	1.3
12	40.0	7.8	23.9	2.7	3.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	964.0	1026.0	1119.0	1274.0	0.0	0.0	3.8	6.4	30.9	8.5
Summary	61.0	25.7	43.4	3.2	2.7	2.5	786	582	322	58	1	0	5006	5532	6367	7928	0.0	4.8	252.5	16.2	235.2	24.8

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	1.20	6.7	4.3	0.7	0.1	0.81	1.13	1.42	
02	1.32	6.7	3.8	0.7	0.0	0.64	1.11	1.69	
03	0.95	6.9	4.6	0.4	0.1	0.43	0.83	1.35	
04	1.15	6.7	4.3	0.6	0.1	0.51	0.85	1.65	
05	1.50	5.7	3.8	0.8	0.1	0.25	1.12	2.06	
06	0.69	4.3	2.5	0.3	0.0	0.20	0.63	1.01	
07	1.74	9.3	5.6	0.7	0.2	1.23	1.70	2.17	
08	2.19	11.0	6.6	1.2	0.1	1.26	2.19	2.82	
09	1.93	7.0	4.8	0.8	0.2	1.36	1.82	2.28	
10	1.37	6.2	4.5	0.8	0.0	0.82	1.40	1.88	
11	1.22	5.6	3.5	0.6	0.2	0.58	1.14	1.71	
12	1.31	6.8	3.8	0.6	0.1	0.51	0.98	2.19	
Summary	16.57	82.9	52.1	8.2	1.2	8.60	14.90	22.23	

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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	17.70	5.9	5.4	3.1	1.1	0.2					9.00	14.00	27.50
02	15.30	6.2	5.5	2.2	1.2	0.1					7.20	12.90	21.00
03	9.80	4.9	4.2	2.0	0.5	0.0					1.50	7.50	14.20
04	6.60	3.9	3.6	1.1	0.2	0.0					2.10	3.70	9.00
05	0.70	0.4	0.2	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					0.00	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	1.60	0.8	0.8	0.2	0.1	0.0					0.00	0.00	2.00
11	8.40	3.8	3.2	1.2	0.5	0.1					3.40	6.50	10.50
12	15.00	5.6	5.0	2.1	0.6	0.3					8.30	13.10	21.80
Summary	75.1	31.5	27.9	11.9	4.2	0.7	0.0	0.0	0.0	0.0	31.5	57.7	106.0

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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	0.0	0.5	19.2	94.6	305.4	567.0	768.7	719.2	471.3	172.1	23.6	0.3
45	0.0	0.0	1.7	25.9	167.6	417.5	613.7	564.2	323.9	67.6	2.9	0.0
50	0.0	0.0	0.0	3.5	62.7	270.7	458.7	409.2	186.6	14.8	0.0	0.0
55	0.0	0.0	0.0	0.0	13.3	138.5	303.9	255.2	74.4	1.2	0.0	0.0
60	0.0	0.0	0.0	0.0	2.0	43.5	153.0	109.8	14.1	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.8	12.3	67.8	145.7	281.8	437.8	508.6	478.3	358.9	202.2	67.7	6.6
Growing Degree Units (Accumulated Monthly)												
40	0	0	20	114	420	987	1755	2475	2946	3118	3142	3142
45	0	0	2	28	195	613	1226	1791	2114	2182	2185	2185
50	0	0	0	4	66	337	796	1205	1391	1406	1406	1406
55	0	0	0	0	13	152	456	711	785	786	786	786
60	0	0	0	0	2	46	198	308	322	322	322	322
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	6	18	86	232	513	951	1460	1938	2297	2499	2567	2573

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