

Summary of Monthly Normals
1991-2020

Generated on 04/25/2024

Current Location: Elev: 7424 ft. Lat: 35.8644° N Lon: 106.3214° W

Station: LOS ALAMOS, NM US USC00295084

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	40.3	20.5	30.4	3.9	2.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	762.6	824.6	917.6	1072.6	0.0	0.0	3.5	5.4	30.1	0.4
02	44.5	23.6	34.1	4.4	3.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	586.5	642.6	726.6	866.6	0.0	0.0	7.7	2.6	25.6	0.2
03	53.4	29.6	41.5	3.4	2.1	2.5	1.9	0.6	0.1	0.0	0.0	0.0	420.4	481.1	573.6	728.5	0.0	0.0	20.0	0.5	21.6	0.0
04	61.0	35.4	48.2	3.2	2.1	2.5	18.2	8.8	2.6	0.1	0.0	0.0	222.1	272.8	356.6	504.1	0.0	0.0	25.8	0.1	11.6	0.0
05	70.2	44.2	57.2	3.8	2.6	3.1	133.8	98.0	55.0	14.7	2.2	0.8	65.5	91.7	141.7	256.4	0.0	0.1	30.4	0.0	2.0	0.0
06	80.9	53.5	67.2	3.5	2.4	2.9	368.3	310.7	228.1	110.2	33.0	16.5	2.5	4.9	12.2	44.3	0.0	2.1	30.0	0.0	0.0	0.0
07	82.5	56.7	69.6	2.8	1.4	2.0	452.5	390.6	298.2	151.7	44.9	21.6	0.0	0.1	0.6	9.1	0.0	2.2	31.0	0.0	0.0	0.0
08	79.5	55.1	67.3	3.1	1.5	2.2	381.3	319.5	227.9	93.3	18.0	6.7	0.0	0.2	1.7	22.0	0.0	0.3	31.0	0.0	0.0	0.0
09	74.0	49.1	61.5	3.1	2.2	2.5	213.3	163.6	98.1	27.0	2.4	0.4	16.9	27.2	51.6	130.5	0.0	0.0	29.9	0.0	0.5	0.0
10	62.7	38.4	50.6	3.5	2.2	2.7	35.6	19.5	5.8	0.4	0.0	0.0	173.5	219.4	298.8	448.3	0.0	0.0	28.0	0.3	7.0	0.0
11	50.1	28.2	39.1	4.4	2.9	3.6	0.8	0.2	0.0	0.0	0.0	0.0	476.3	535.7	625.5	775.5	0.0	0.0	16.1	1.3	22.0	0.0
12	40.3	20.6	30.5	3.2	2.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	760.9	823.0	916.0	1071.0	0.0	0.0	4.3	6.2	29.8	0.4
Summary	61.6	37.9	49.8	3.5	2.3	2.8	1606	1312	916	397	100	46	3487	3923	4622	5929	0.0	4.7	257.7	16.4	150.2	1.0

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	0.90	5.5	2.4	0.5	0.0	0.31	0.64	1.34	
02	0.72	6.5	2.8	0.1	0.0	0.37	0.69	1.00	
03	1.04	6.5	3.3	0.6	0.0	0.50	1.05	1.31	
04	0.93	5.5	2.4	0.6	0.0	0.36	0.62	1.42	
05	1.17	6.5	3.3	0.6	0.0	0.49	1.09	1.69	
06	1.17	6.7	2.9	0.7	0.1	0.60	0.89	1.76	
07	2.94	13.0	6.7	1.7	0.5	1.75	2.52	3.46	
08	3.20	14.6	8.0	1.7	0.3	1.83	2.73	4.59	
09	2.02	8.5	4.5	1.1	0.3	0.84	1.66	2.59	
10	1.58	6.5	3.6	1.0	0.2	0.59	1.27	2.04	
11	0.95	4.6	2.4	0.5	0.1	0.38	0.71	1.47	
12	0.87	5.7	2.8	0.4	0.1	0.23	0.81	1.29	
Summary	17.49	90.1	45.1	9.5	1.6	8.25	14.68	23.96	

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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	9.90	3.8	2.7	1.2	0.6	0.2	19.8	16.9	12.9	5.4	1.80	7.80	14.00
02	8.80	4.3	2.6	1.0	0.4	0.0	13.7	9.9	7.4	3.5	3.30	6.70	13.00
03	5.90	2.8	1.7	0.6	0.2	0.1	3.6	2.7	2.0	0.9	0.80	4.80	9.50
04	3.30	1.4	0.8	0.4	0.2	0.0	0.4	0.2	0.0	0.0	0.00	0.30	5.20
05	0.10	0.1	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	1.70	0.8	0.4	0.1	0.1	0.0	0.7	0.3	0.2	0.0	0.00	0.00	0.80
11	4.40	2.0	1.2	0.5	0.2	0.0	2.7	1.3	0.3	0.0	0.60	2.70	6.10
12	8.00	4.1	3.1	1.1	0.6	0.1	13.9	9.0	5.9	1.8	2.40	4.40	13.00
Summary	42.1	19.3	12.5	4.9	2.3	0.4	54.8	40.3	28.7	11.6	8.9	26.7	61.6

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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	6.1	24.5	120.6	264.7	534.8	815.8	917.5	846.2	646.5	341.4	88.0	8.6
45	0.5	5.7	47.8	150.9	386.1	665.9	762.5	691.2	497.4	209.9	33.5	0.6
50	0.0	0.7	13.3	65.9	247.8	516.1	607.5	536.2	351.2	103.8	8.1	0.0
55	0.0	0.0	1.9	18.2	133.8	368.3	452.5	381.3	213.3	35.6	0.8	0.0
60	0.0	0.0	0.1	2.6	55.0	228.1	298.2	227.9	98.1	5.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	5.4	20.4	90.4	176.5	326.0	521.3	596.1	534.4	386.8	206.7	59.3	6.7

Growing Degree Units (Accumulated Monthly)												
40	6	31	151	416	951	1766	2684	3530	4177	4518	4606	4615
45	0	6	54	205	591	1257	2019	2711	3208	3418	3451	3452
50	0	1	14	80	328	844	1451	1988	2339	2443	2451	2451
55	0	0	2	20	154	522	975	1356	1569	1605	1606	1606
60	0	0	0	3	58	286	584	812	910	916	916	916
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	5	26	116	293	619	1140	1736	2270	2657	2864	2923	2930

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