

Summary of Monthly Normals
1991-2020

Generated on 04/19/2024

Current Location: Elev: 4380 ft. Lat: 32.9181° N Lon: 105.9550° W
Station: **ALAMOGORDO, NM US USC00290199**

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	54.8	33.2	44.0	3.1	2.6	2.5	1.6	0.3	0.0	0.0	0.0	0.0	342.5	403.2	495.9	650.9	0.0	0.0	26.2	0.2	18.0	0.0
02	60.1	37.3	48.7	3.7	2.6	2.6	9.4	4.2	1.2	0.1	0.0	0.0	185.7	236.6	317.5	456.5	0.0	0.0	26.2	0.0	7.9	0.0
03	67.6	42.9	55.2	2.1	1.5	1.5	90.0	60.5	29.1	3.9	0.0	0.0	82.2	114.7	176.3	306.1	0.0	0.0	30.6	0.0	4.0	0.0
04	75.8	50.5	63.1	2.9	2.1	2.4	257.6	206.8	137.3	50.2	9.8	4.4	13.1	22.3	42.8	105.6	0.0	0.6	30.0	0.0	0.3	0.0
05	84.8	58.6	71.7	2.8	2.7	2.6	518.3	456.9	365.6	220.4	103.7	70.0	0.5	1.1	2.8	12.6	0.5	9.7	31.0	0.0	0.0	0.0
06	94.0	68.1	81.1	2.5	2.9	2.5	781.3	721.3	631.3	481.5	332.9	274.7	0.0	0.0	0.0	0.1	5.6	24.0	30.0	0.0	0.0	0.0
07	92.6	69.8	81.2	2.3	1.0	1.4	812.2	750.2	657.2	502.2	347.4	285.9	0.0	0.0	0.0	0.0	4.3	24.5	31.0	0.0	0.0	0.0
08	91.1	67.8	79.4	2.7	1.4	1.9	757.9	695.9	602.9	447.9	293.4	232.4	0.0	0.0	0.0	0.0	0.9	20.0	31.0	0.0	0.0	0.0
09	85.5	62.6	74.1	3.1	2.5	2.5	571.5	511.9	422.9	278.0	148.5	105.5	0.1	0.4	1.4	6.6	0.1	10.2	30.0	0.0	0.0	0.0
10	75.4	51.3	63.3	2.9	1.4	1.8	270.2	215.2	142.8	51.0	9.0	3.6	11.3	18.3	38.9	102.1	0.0	0.1	31.0	0.0	0.5	0.0
11	63.6	40.6	52.1	3.3	2.8	2.9	47.3	28.8	12.1	1.3	0.0	0.0	134.3	175.8	249.1	388.3	0.0	0.0	28.8	0.0	6.1	0.0
12	54.1	32.6	43.3	3.0	2.3	2.2	2.1	0.6	0.0	0.0	0.0	0.0	363.1	423.6	516.0	671.1	0.0	0.0	24.9	0.2	18.3	0.0
Summary	75.0	51.3	63.1	2.9	2.1	2.2	4119	3653	3002	2036	1245	976	1133	1396	1841	2700	11.4	89.1	350.7	0.4	55.1	0.0

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	0.68	3.8	1.9	0.2	0.0	0.07	0.48	1.04
02	0.59	4.3	2.4	0.2	0.0	0.18	0.46	0.75
03	0.33	3.2	1.1	0.2	0.1	0.04	0.16	0.56
04	0.27	2.3	1.1	0.2	0.0	0.01	0.05	0.43
05	0.46	3.2	1.7	0.3	0.1	0.04	0.31	0.55
06	0.56	3.7	2.0	0.3	0.1	0.02	0.45	0.64
07	1.62	9.3	4.4	0.8	0.3	0.89	1.34	2.40
08	1.96	9.2	5.3	1.1	0.3	1.31	1.63	2.29
09	1.49	5.4	3.0	0.9	0.3	0.26	1.08	2.35
10	1.01	5.1	3.4	0.6	0.2	0.21	0.75	1.47
11	0.56	2.8	1.4	0.4	0.0	0.11	0.35	0.95
12	1.10	3.4	2.5	0.6	0.1	0.22	0.66	1.65
Summary	10.63	55.7	30.2	5.8	1.5	3.36	7.72	15.08

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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	1.00	0.4	0.4	0.2	0.0	0.0	0.3	0.2	0.0	0.0	0.00	0.00	0.60
02	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
03	0.20	0.1	0.1	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	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
11	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
12	0.90	0.5	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Summary	2.4	1.3	1.1	0.3	0.1	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.6

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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	153.5	248.5	473.8	694.5	982.8	1231.3	1277.2	1222.9	1021.4	723.9	367.8	142.7
45	60.1	130.8	323.7	544.6	827.8	1081.2	1122.2	1067.8	871.4	569.5	232.8	59.5
50	15.0	48.1	190.8	396.7	672.8	931.2	967.2	912.8	721.4	417.5	122.1	18.0
55	1.6	9.4	90.0	257.6	518.3	781.3	812.2	757.9	571.5	270.2	47.3	2.1
60	0.0	1.2	29.1	137.3	365.6	631.3	657.2	602.9	422.9	142.8	12.1	0.0
Growing Degree Units for Corn (Monthly)												
50/86	92.2	145.9	282.9	432.0	641.2	806.2	857.6	825.8	685.1	446.6	213.2	88.0

Growing Degree Units (Accumulated Monthly)												
40	154	402	876	1570	2553	3784	5062	6284	7306	8030	8398	8540
45	60	191	515	1059	1887	2968	4090	5158	6030	6599	6832	6891
50	15	63	254	651	1323	2255	3222	4135	4856	5274	5396	5414
55	2	11	101	359	877	1658	2470	3228	3800	4070	4117	4119
60	0	1	30	168	533	1164	1822	2425	2848	2990	3002	3002
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	92	238	521	953	1594	2400	3258	4084	4769	5216	5429	5517

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