

Summary of Monthly Normals
1991-2020

Current Location: Elev: 8500 ft. Lat: 36.3950° N Lon: 105.2853° W
Station: ANGEL FIRE 1S, NM US USC00290407

Generated on 05/23/2024

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	9.0	23.3	3.0	6.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	984.3	1046.3	1139.3	1294.3	0.0	0.0	2.4	7.3	30.7	8.6
02	39.8	11.6	25.7	3.4	4.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	820.3	876.3	960.3	1100.3	0.0	0.0	4.4	5.0	27.4	4.8
03	47.4	19.9	33.6	3.5	2.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	661.9	723.9	816.9	971.9	0.0	0.0	15.3	1.7	29.3	1.2
04	54.2	25.7	39.9	3.4	1.4	2.1	0.2	0.0	0.0	0.0	0.0	0.0	451.7	511.5	601.5	751.5	0.0	0.0	22.7	0.2	25.5	0.0
05	64.0	31.9	48.0	3.4	1.4	2.0	10.5	5.1	0.9	0.0	0.0	0.0	229.0	285.6	374.4	528.6	0.0	0.0	29.2	0.1	18.2	0.0
06	74.2	38.1	56.2	3.3	1.3	2.0	73.9	42.2	14.7	0.8	0.0	0.0	39.5	67.8	130.2	266.3	0.0	0.1	30.0	0.0	6.1	0.0
07	76.7	43.7	60.2	1.9	1.8	1.2	163.3	106.1	38.8	2.1	0.0	0.0	2.1	6.9	32.6	150.9	0.0	0.1	31.0	0.0	0.3	0.0
08	74.7	42.1	58.4	2.7	1.3	1.7	114.0	66.3	20.1	0.8	0.0	0.0	8.6	22.9	69.8	205.5	0.0	0.0	31.0	0.0	0.7	0.0
09	68.8	36.1	52.5	2.5	1.6	1.6	24.3	9.4	1.3	0.0	0.0	0.0	100.8	146.0	227.8	376.5	0.0	0.0	29.9	0.0	10.9	0.0
10	58.0	26.6	42.3	2.9	2.1	1.9	0.7	0.2	0.0	0.0	0.0	0.0	394.4	455.8	548.7	703.7	0.0	0.0	26.7	0.5	24.1	0.1
11	46.1	17.6	31.9	3.8	1.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	694.5	754.5	844.5	994.5	0.0	0.0	13.5	2.3	28.5	1.5
12	37.6	11.4	24.5	3.0	3.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	945.4	1007.4	1100.4	1255.4	0.0	0.0	3.2	7.6	30.5	6.9
Summary	56.6	26.1	41.4	3.1	2.4	2.3	387	229	76	4	0	0	5332	5905	6846	8599	0.0	0.2	239.3	24.7	232.2	23.1

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	1.46	6.1	3.7	0.7	0.2	0.61	1.26	2.13
02	1.54	6.9	4.6	0.8	0.2	1.06	1.43	2.05
03	1.79	6.4	4.5	1.2	0.3	1.07	1.47	2.63
04	1.41	6.4	3.8	0.8	0.1	0.56	0.83	1.99
05	1.77	6.5	3.8	0.9	0.2	0.49	1.25	2.88
06	1.20	6.7	3.9	0.5	0.1	0.62	1.13	1.81
07	2.78	11.9	8.6	1.4	0.2	2.05	2.46	3.79
08	2.73	11.7	7.2	1.3	0.3	1.74	3.11	3.39
09	1.98	8.4	5.7	1.2	0.3	0.98	1.85	2.90
10	1.62	5.7	4.0	1.0	0.2	0.79	1.33	2.44
11	1.08	3.9	2.4	0.6	0.1	0.40	0.99	1.52
12	1.53	5.7	3.7	1.0	0.1	0.74	1.38	2.27
Summary	20.89	86.3	55.9	11.4	2.3	11.11	18.49	29.80

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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	24.30	6.1	5.3	2.8	1.5	0.4					18.70	26.00	30.70
02	21.40	6.5	5.4	2.7	1.7	0.6					10.60	19.70	27.00
03	22.00	6.1	5.5	3.0	1.6	0.4					11.70	20.80	27.10
04	15.40	4.9	4.3	2.5	1.0	0.3					7.00	14.00	20.50
05	3.50	0.8	0.8	0.6	0.4	0.1					0.00	0.00	3.00
06	0.10	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	0.30	0.2	0.2	0.0	0.0	0.0					0.00	0.00	0.00
10	6.40	1.4	1.3	1.0	0.6	0.1					0.00	3.00	9.60
11	8.80	2.8	2.3	1.5	0.6	0.0					4.50	9.00	11.90
12	21.80	5.4	4.8	2.8	1.9	0.4					8.20	17.00	33.30
Summary	124.0	34.2	29.9	16.9	9.3	2.3	0.0	0.0	0.0	0.0	60.7	109.5	163.1

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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	0.4	2.1	18.5	73.7	259.3	484.4	626.1	570.3	374.5	124.1	10.7	1.5
45	0.0	0.2	2.4	17.4	131.9	334.9	471.1	415.3	230.0	43.2	1.1	0.2
50	0.0	0.0	0.1	2.6	46.0	191.9	316.2	260.6	103.5	9.3	0.0	0.0
55	0.0	0.0	0.0	0.2	10.5	73.9	163.3	114.0	24.3	0.7	0.0	0.0
60	0.0	0.0	0.0	0.0	0.9	14.7	38.8	20.1	1.3	0.0	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	1.6	5.4	36.5	92.1	226.7	366.0	417.0	386.0	282.6	142.3	30.7	2.6

Growing Degree Units (Accumulated Monthly)												
40	0	2	21	95	354	838	1464	2035	2409	2533	2544	2546
45	0	0	3	20	152	487	958	1373	1603	1646	1648	1648
50	0	0	0	3	49	241	557	817	921	930	930	930
55	0	0	0	0	11	85	248	362	386	387	387	387
60	0	0	0	0	1	16	54	74	76	76	76	76
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	2	7	44	136	362	728	1145	1531	1814	1956	1987	1990

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