

Summary of Monthly Normals
1991-2020

Current Location: Elev: 6980 ft. Lat: 35.3694° N Lon: 111.5436° W
Station: **SUNSET CRATER NM, AZ US USC00028329**
Generated on 06/04/2024

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	43.9	12.8	28.4	4.2	4.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	826.1	888.1	981.1	1136.1	0.0	0.0	9.0	3.2	30.2	4.0
02	46.6	16.3	31.4	4.2	2.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	659.3	715.3	799.3	939.3	0.0	0.0	11.3	1.5	27.3	1.3
03	53.9	21.0	37.4	3.6	2.1	2.6	0.4	0.2	0.1	0.0	0.0	0.0	544.4	606.3	699.1	854.1	0.0	0.0	22.2	0.5	28.4	0.3
04	61.1	27.0	44.1	3.3	2.3	2.5	7.8	4.0	1.1	0.1	0.0	0.0	336.3	392.5	479.6	628.5	0.0	0.0	26.5	0.1	22.2	0.0
05	70.2	33.6	51.9	4.3	1.9	2.9	57.8	38.3	18.4	4.3	0.9	0.4	153.8	196.4	269.5	410.4	0.0	0.1	30.2	0.0	15.1	0.0
06	82.2	41.9	62.0	3.6	2.2	2.7	230.1	180.8	116.6	41.8	9.8	4.7	18.6	29.4	55.2	130.3	0.0	4.5	30.0	0.0	3.7	0.0
07	84.2	49.0	66.6	2.2	2.5	1.8	359.7	298.1	208.8	83.3	18.7	8.4	0.2	0.6	4.3	33.8	0.0	6.6	31.0	0.0	0.0	0.0
08	80.7	47.1	63.9	2.7	2.0	2.0	277.2	217.4	134.4	37.5	5.2	2.1	1.3	3.5	13.6	71.6	0.0	1.4	31.0	0.0	0.2	0.0
09	75.3	39.8	57.5	2.4	2.1	1.7	115.7	77.5	35.7	4.4	0.1	0.0	39.2	61.1	109.2	228.0	0.0	0.2	30.0	0.0	5.0	0.0
10	64.6	27.9	46.3	3.9	2.4	2.2	8.8	4.1	0.8	0.0	0.0	0.0	280.0	337.3	427.0	581.2	0.0	0.0	28.6	0.2	24.1	0.0
11	53.3	18.4	35.8	4.9	2.1	2.9	0.3	0.1	0.0	0.0	0.0	0.0	574.8	634.6	724.5	874.5	0.0	0.0	20.2	0.5	28.2	0.4
12	44.0	12.4	28.2	3.6	3.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0	830.7	892.7	985.7	1140.7	0.0	0.0	9.8	3.6	30.2	4.0
Summary	63.3	28.9	46.1	3.6	2.5	2.6	1058	821	516	171	35	16	4265	4758	5548	7028	0.0	12.8	279.8	9.6	214.6	10.0

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	1.41	5.6	3.2	1.0	0.1	0.40	0.87	2.22
02	1.10	5.8	3.0	0.6	0.1	0.45	0.95	1.40
03	1.08	4.9	2.4	0.6	0.1	0.29	0.72	1.56
04	0.65	3.8	1.9	0.3	0.1	0.29	0.49	0.80
05	0.69	4.1	1.8	0.3	0.2	0.06	0.44	0.80
06	0.31	2.3	1.0	0.1	0.0	0.00	0.13	0.54
07	2.65	11.8	6.1	1.5	0.5	1.70	2.68	3.41
08	3.45	14.2	7.9	2.1	0.6	2.32	3.70	4.62
09	1.72	7.6	4.2	1.1	0.2	0.63	1.47	2.20
10	1.39	5.0	3.1	1.0	0.1	0.35	1.06	1.93
11	0.87	3.6	2.0	0.4	0.1	0.27	0.73	1.21
12	1.72	5.8	3.5	0.9	0.4	0.43	1.12	2.04
Summary	17.04	74.5	40.1	9.9	2.5	7.19	14.36	22.73

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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	12.20	4.1	3.0	1.4	0.9	0.3	20.4	16.5	10.9	4.2	2.70	9.60	16.60
02	9.40	4.4	3.0	1.0	0.4	0.1	13.8	9.9	7.2	3.1	1.50	6.00	14.10
03	6.10	2.7	1.6	0.8	0.4	0.1	6.4	3.6	2.4	1.1	1.00	3.00	8.40
04	4.20	1.8	1.2	0.5	0.3	0.0	1.6	0.8	0.4	0.1	0.90	1.70	4.10
05	0.80	0.4	0.2	0.1	0.0	0.0	0.2	0.1	0.1	0.0	0.00	0.00	0.30
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	1.20	0.4	0.3	0.2	0.0	0.0	0.3	0.1	0.0	0.0	0.00	0.00	0.70
11	3.50	1.9	1.1	0.3	0.2	0.1	1.9	0.8	0.5	0.2	0.00	2.30	4.00
12	11.90	4.4	3.0	1.6	0.9	0.2	13.9	10.5	8.0	2.3	3.70	7.00	16.70
Summary	49.3	20.1	13.4	5.9	3.1	0.8	58.5	42.3	29.5	11.0	9.8	29.6	64.9

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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	5.4	10.1	55.8	167.3	377.1	661.7	824.5	740.9	526.8	221.7	40.8	7.2
45	0.7	1.5	16.1	80.6	242.8	512.6	669.5	585.9	379.0	111.3	10.8	1.2
50	0.0	0.2	3.7	29.9	132.6	366.5	514.5	430.9	237.9	39.3	2.2	0.1
55	0.0	0.0	0.4	7.8	57.8	230.1	359.7	277.2	115.7	8.8	0.3	0.0
60	0.0	0.0	0.1	1.1	18.4	116.6	208.8	134.4	35.7	0.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	17.9	30.9	95.0	176.3	316.5	481.8	536.9	484.7	383.9	232.1	88.3	23.7

Growing Degree Units (Accumulated Monthly)												
40	5	16	71	239	616	1277	2102	2843	3370	3591	3632	3639
45	1	2	18	99	342	854	1524	2110	2489	2600	2611	2612
50	0	0	4	34	166	533	1047	1478	1716	1756	1758	1758
55	0	0	0	8	66	296	656	933	1049	1058	1058	1058
60	0	0	0	1	20	136	345	479	515	516	516	516
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	18	49	144	320	637	1118	1655	2140	2524	2756	2844	2868

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

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