

Summary of Monthly Normals
1991-2020

Current Location: Elev: 7340 ft. Lat: 34.1142° N Lon: 109.8589° W
Station: MC NARY 2N, AZ US USC00025412
Generated on 06/03/2024

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	44.7	20.6	32.6	3.7	4.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	692.9	754.9	847.9	1002.9	0.0	0.0	9.1	3.2	30.0	0.6
02	47.2	22.7	35.0	4.4	3.5	3.5	0.0	0.0	0.0	0.0	0.0	0.0	561.3	617.3	701.3	841.3	0.0	0.0	11.7	2.5	27.1	0.3
03	53.2	27.0	40.1	3.6	2.1	2.5	0.1	0.0	0.0	0.0	0.0	0.0	462.1	524.0	616.9	771.9	0.0	0.0	20.3	0.9	26.9	0.0
04	59.5	30.1	44.8	3.2	2.2	2.5	2.5	0.7	0.0	0.0	0.0	0.0	308.5	366.7	456.1	606.0	0.0	0.0	25.6	0.3	18.9	0.0
05	68.9	37.7	53.3	3.8	2.3	2.9	63.0	39.2	17.0	2.8	0.1	0.0	115.7	153.9	224.7	365.4	0.0	0.0	30.2	0.0	5.4	0.0
06	79.9	46.5	63.2	3.5	2.3	2.8	253.7	199.4	125.8	37.0	3.4	0.8	7.8	13.5	29.9	91.0	0.0	1.1	29.9	0.0	0.2	0.0
07	80.0	52.0	66.0	2.4	1.6	1.5	340.9	279.1	187.6	62.6	7.7	2.5	0.0	0.2	1.7	31.7	0.0	1.3	31.0	0.0	0.0	0.0
08	76.9	51.6	64.3	2.4	1.3	1.7	287.1	226.0	137.9	31.3	1.3	0.2	0.4	1.3	6.2	54.6	0.0	0.1	31.0	0.0	0.0	0.0
09	72.9	46.1	59.5	2.3	1.8	1.8	152.0	105.1	48.8	4.5	0.0	0.0	17.1	30.2	63.9	169.5	0.0	0.0	30.0	0.0	0.4	0.0
10	64.4	36.2	50.3	3.3	2.0	2.3	22.2	9.7	1.8	0.0	0.0	0.0	167.9	217.4	302.5	455.7	0.0	0.0	29.0	0.2	8.3	0.0
11	54.1	27.7	40.9	4.4	2.7	3.4	1.0	0.2	0.0	0.0	0.0	0.0	424.1	483.3	573.0	723.0	0.0	0.0	20.7	0.9	23.5	0.0
12	44.5	21.0	32.8	3.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	689.6	751.6	844.7	999.7	0.0	0.0	9.4	3.9	29.7	0.5
Summary	62.2	34.9	48.6	3.3	2.4	2.6	1122	859	519	138	12	4	3447	3914	4669	6113	0.0	2.5	277.9	11.9	170.4	1.4

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	2.11	7.9	5.1	1.3	0.3	0.76	1.60	2.62
02	1.96	7.4	5.1	1.2	0.2	1.00	1.64	2.61
03	1.83	7.7	4.4	1.1	0.3	0.84	1.52	2.34
04	0.91	5.0	2.8	0.3	0.1	0.36	0.72	1.25
05	0.70	4.6	1.9	0.3	0.1	0.09	0.39	0.95
06	0.53	3.5	1.6	0.3	0.1	0.10	0.24	0.66
07	3.72	15.2	9.0	2.3	0.5	1.99	3.80	4.81
08	4.60	16.7	9.8	2.8	0.8	3.70	4.49	5.48
09	2.22	9.8	5.1	1.1	0.4	1.43	2.11	2.84
10	1.71	5.9	3.7	1.2	0.4	0.76	1.43	2.33
11	1.56	5.2	3.5	1.0	0.3	0.60	1.31	2.11
12	2.26	7.7	4.8	1.4	0.4	0.71	2.17	2.90
Summary	24.11	96.6	56.8	14.3	3.9	12.34	21.42	30.90

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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	14.80	6.1	3.9	1.7	0.9	0.2	20.4	15.6	11.4	3.7	7.00	12.30	22.60
02	13.90	6.0	4.0	1.8	0.6	0.1	17.1	11.3	7.2	2.3	5.10	13.30	21.60
03	11.90	5.0	3.2	1.4	0.8	0.1	10.2	7.0	4.9	2.1	4.00	7.80	17.90
04	4.70	2.6	1.7	0.4	0.1	0.0	2.6	1.2	0.5	0.2	1.20	1.90	5.70
05	0.60	0.6	0.2	0.0	0.0	0.0	0.3	0.1	0.1	0.0	0.00	0.00	0.50
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	2.10	0.8	0.6	0.2	0.1	0.0	0.9	0.4	0.3	0.1	0.00	0.00	1.50
11	5.20	2.4	1.7	0.6	0.3	0.0	4.7	2.1	0.8	0.1	0.40	3.20	8.70
12	12.80	6.0	4.0	1.8	0.8	0.1	14.0	9.6	7.6	2.4	4.80	9.80	20.60
Summary	66.0	29.5	19.3	7.9	3.6	0.5	70.2	47.3	32.8	10.9	22.5	48.3	99.1

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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	10.4	24.4	91.4	180.2	417.2	695.9	805.9	751.7	584.9	331.5	111.0	15.8
45	0.9	3.9	26.8	81.6	275.2	546.4	650.9	596.7	435.2	196.3	42.8	1.8
50	0.0	0.1	3.6	22.3	151.7	397.8	495.9	441.7	288.3	88.0	10.6	0.1
55	0.0	0.0	0.1	2.5	63.0	253.7	340.9	287.1	152.0	22.2	1.0	0.0
60	0.0	0.0	0.0	0.0	17.0	125.8	187.6	137.9	48.8	1.8	0.0	0.0
Growing Degree Units for Corn (Monthly)												
50/86	18.8	33.7	90.2	158.0	295.8	452.6	498.6	449.3	349.9	229.3	98.1	21.9

Growing Degree Units (Accumulated Monthly)												
40	10	35	126	306	724	1420	2225	2977	3562	3894	4005	4020
45	1	5	32	113	388	935	1586	2182	2618	2814	2857	2858
50	0	0	4	26	178	576	1071	1513	1801	1889	1900	1900
55	0	0	0	3	66	319	660	947	1099	1122	1122	1122
60	0	0	0	0	17	143	330	468	517	519	519	519
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	19	52	143	301	596	1049	1548	1997	2347	2576	2674	2696

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