U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals
1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1518 ft. Lat: 33.4192° N Lon: 111.6444° W

Station: **E MESA, AZ US USC00022782**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	67.5	41.0	54.2	2.9	2.5	2.1	64.8	40.3	16.4	2.0	0.1	0.0	88.1	125.6	194.7	335.3	0.0	0.0	30.7	0.0	3.3	0.0
02	70.1	42.7	56.4	4.2	2.6	3.0	93.5	63.0	30.6	5.6	0.4	0.1	54.3	79.7	131.3	246.3	0.0	0.0	27.9	0.0	2.6	0.0
03	77.2	47.6	62.4	4.4	2.5	3.2	242.7	191.0	123.2	45.3	10.4	5.3	13.4	23.6	48.9	126.0	0.1	2.8	31.0	0.0	0.1	0.0
04	85.2	53.3	69.3	3.1	2.2	2.5	428.1	369.4	283.5	156.2	63.8	39.5	0.5	1.8	5.9	28.7	0.9	10.9	30.0	0.0	0.0	0.0
05	94.4	61.6	78.0	3.7	2.9	3.3	713.0	651.0	558.1	405.1	262.2	210.1	0.0	0.0	0.1	2.1	9.2	23.8	31.0	0.0	0.0	0.0
06	104.1	70.7	87.4	2.0	2.3	2.0	971.9	911.9	821.9	671.8	521.9	462.0	0.0	0.0	0.0	0.0	25.4	29.8	30.0	0.0	0.0	0.0
07	105.9	78.9	92.4	1.6	2.0	1.6	1159.3	1097.3	1004.3	849.2	694.2	632.3	0.0	0.0	0.0	0.0	29.1	30.9	31.0	0.0	0.0	0.0
08	104.6	78.4	91.5	2.0	1.7	1.8	1131.4	1069.4	976.4	821.4	666.4	604.4	0.0	0.0	0.0	0.0	26.7	30.8	31.0	0.0	0.0	0.0
09	100.2	71.4	85.8	2.0	2.0	1.7	923.9	863.9	773.9	623.9	474.4	415.2	0.0	0.0	0.0	0.1	18.1	28.5	30.0	0.0	0.0	0.0
10	89.5	59.1	74.3	2.8	2.0	2.1	598.8	537.4	446.1	298.4	168.7	125.3	0.5	1.0	2.7	10.1	2.6	16.7	31.0	0.0	0.0	0.0
11	76.8	47.6	62.2	3.7	3.5	3.3	234.4	186.1	124.6	51.4	14.2	8.0	18.4	30.1	58.7	135.4	0.0	2.2	30.0	0.0	0.5	0.0
12	66.1	40.1	53.1	2.8	2.0	2.0	49.4	28.8	10.3	0.8	0.0	0.0	108.0	149.4	223.9	369.4	0.0	0.0	30.8	0.0	4.5	0.0
Summary	86.8	57.7	72.2	2.9	2.4	2.4	6611	6009	5169	3931	2877	2502	283	411	666	1253	112.1	176.4	364.4	0.0	11.0	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	1.36	4.1	2.1	0.7	0.3	0.22	0.94	2.11
02	1.46	3.7	2.6	1.1	0.2	0.49	1.27	1.91
03	1.31	2.6	1.4	0.6	0.1	0.40	0.94	1.74
04	0.36	1.5	0.8	0.2	0.1	0.10	0.22	0.48
05	0.16	1.1	0.6	0.2	0.1	0.00	0.00	0.04
06	0.05	0.7	0.2	0.0	0.0	0.00	0.00	0.06
07	1.18	4.8	2.3	0.4	0.1	0.46	0.80	1.70
08	1.29	5.2	2.9	0.6	0.2	0.53	0.99	1.73
09	1.13	3.3	1.8	0.6	0.3	0.30	0.70	1.51
10	0.56	2.4	1.1	0.2	0.1	0.01	0.27	0.73
11	0.79	2.3	1.3	0.5	0.2	0.09	0.53	0.89
12	1.11	4.6	2.9	0.7	0.1	0.31	0.66	1.90
Summary	10.76	36.3	20.0	5.8	1.8	2.91	7.32	14.80

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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	443.6	459.5	694.4	877.5	1178.0	1421.9	1624.4	1596.5	1373.9	1063.3	666.0	406.5
45	294.1	321.5	539.3	727.6	1023.0	1271.8	1469.2	1441.4	1223.8	908.4	516.4	257.5
50	160.9	194.6	386.4	577.6	868.0	1121.8	1314.2	1286.4	1073.8	753.4	370.0	132.2
55	64.8	93.5	242.7	428.1	713.0	971.9	1159.3	1131.4	923.9	598.8	234.4	49.4
60	16.4	30.6	123.2	283.5	558.1	821.9	1004.3	976.4	773.9	446.1	124.6	10.3
Growing Degree Units for Corn (Monthly)												
50/86	278.1	287.7	437.3	554.3	727.2	850.3	1004.4	997.1	860.2	678.2	424.0	254.8
Growing Degree Units (Accumulated Monthly)												
40	444	903	1598	2475	3653	5075	6699	8296	9670	10733	11399	11805
45	294	616	1155	1882	2906	4177	5646	7088	8312	9220	9736	9994
50	161	356	742	1320	2188	3309	4624	5910	6984	7737	8107	8239
55	65	158	401	829	1542	2514	3673	4805	5729	6327	6562	6611
60	16	47	170	454	1012	1834	2838	3814	4588	5034	5159	5169
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	278	566	1003	1557	2285	3135	4139	5136	5997	6675	7099	7354

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

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