

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 802 ft. Lat: 39.1756° N Lon: 91.8861° W
Station: MEXICO, MO US USC00235541

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	37.6	19.3	28.4	4.5	4.4	4.3	1.3	0.9	0.3	0.0	0.0	0.0	824.2	885.7	978.1	1132.7	0.0	0.0	5.8	10.3	27.8	2.1
02	42.7	22.9	32.8	6.0	5.8	5.7	2.8	1.7	0.6	0.1	0.0	0.0	624.2	679.1	762.0	901.4	0.0	0.0	9.1	6.0	22.9	0.8
03	54.2	31.8	43.0	4.9	4.8	4.7	33.3	24.4	14.1	4.4	0.4	0.0	405.3	458.4	541.1	686.4	0.0	0.0	19.3	0.9	16.5	0.1
04	65.9	42.9	54.4	3.2	3.1	3.1	112.0	85.9	54.9	21.4	4.2	1.5	130.0	163.9	223.0	339.4	0.0	0.1	27.8	0.0	3.4	0.0
05	75.1	53.5	64.3	3.4	3.1	3.1	305.3	253.6	183.1	91.5	33.7	20.0	17.0	27.3	49.8	113.3	0.0	1.3	30.8	0.0	0.0	0.0
06	83.9	62.8	73.4	2.5	2.4	2.3	550.4	490.7	402.0	260.7	138.9	98.8	0.1	0.4	1.7	10.5	0.2	7.0	30.0	0.0	0.0	0.0
07	87.9	67.3	77.6	3.0	2.3	2.5	700.5	638.5	545.4	390.8	242.3	188.0	0.0	0.0	0.0	0.4	1.4	13.4	31.0	0.0	0.0	0.0
08	86.6	65.0	75.8	3.2	2.9	2.9	644.6	582.6	489.7	337.4	196.9	148.3	0.0	0.0	0.1	2.8	1.0	12.5	31.0	0.0	0.0	0.0
09	79.4	56.4	67.9	3.4	3.2	3.1	392.6	337.1	258.0	144.9	65.7	44.8	5.7	10.2	21.1	58.0	0.2	3.7	30.0	0.0	0.0	0.0
10	67.6	44.5	56.0	3.1	2.1	2.4	134.2	102.2	64.4	22.7	6.3	3.9	101.6	131.6	186.8	300.1	0.0	0.2	29.3	0.0	2.9	0.0
11	54.3	33.7	44.0	5.2	3.7	4.3	22.4	14.7	6.5	1.0	0.1	0.0	352.3	404.7	486.5	631.0	0.0	0.0	19.4	0.9	14.0	0.0
12	41.9	24.1	33.0	4.6	4.4	4.3	2.5	1.4	0.4	0.0	0.0	0.0	684.4	745.2	837.2	991.7	0.0	0.0	7.8	7.4	25.2	0.6
Summary	64.8	43.7	54.2	3.9	3.5	3.6	2902	2534	2019	1275	688	505	3145	3506	4087	5168	2.8	38.2	271.3	25.5	112.7	3.6

Empty or blank cells indicate data is missing or insufficient occurrences to compute value

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

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

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	2.03	7.8	4.3	1.3	0.7	0.58	1.69	3.02
02	2.31	7.0	4.4	1.7	0.8	1.04	2.21	3.16
03	3.17	10.1	7.3	2.0	0.4	2.33	2.79	3.99
04	4.68	10.7	7.8	3.4	1.4	3.90	4.31	5.35
05	5.07	12.2	9.2	3.9	1.7	3.17	4.90	6.11
06	5.23	9.7	7.2	3.1	1.6	3.24	5.45	6.84
07	4.43	9.1	6.9	2.8	1.3	1.59	3.44	5.24
08	3.90	7.0	4.8	2.6	0.8	1.97	3.46	5.32
09	4.86	7.4	5.5	2.4	1.2	1.97	3.43	6.20
10	2.81	8.0	5.6	2.1	0.6	1.40	2.40	3.68
11	2.75	7.6	5.6	2.1	0.5	1.38	2.18	3.13
12	2.28	7.8	5.0	1.6	0.4	1.22	1.67	3.34
Summary	43.52	104.4	73.6	29.0	11.4	23.79	37.93	55.38

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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	25.4	51.4	183.0	440.3	753.3	1000.2	1165.3	1109.5	836.8	501.7	192.1	50.0
45	10.0	23.1	109.7	308.1	598.9	850.3	1010.4	954.6	687.0	358.5	108.7	21.4
50	3.5	8.3	62.4	196.6	446.9	700.3	855.4	799.6	538.2	234.5	54.0	7.7
55	1.3	2.8	33.3	112.0	305.3	550.4	700.5	644.6	392.6	134.2	22.4	2.5
60	0.3	0.6	14.1	54.9	183.1	402.0	545.4	489.7	258.0	64.4	6.5	0.4
Growing Degree Units for Corn (Monthly)												
50/86	18.8	36.2	123.9	259.0	467.5	676.0	798.7	750.9	540.4	297.5	113.6	29.1
Growing Degree Units (Accumulated Monthly)												
40	25	77	260	700	1453	2454	3619	4728	5565	6067	6259	6309
45	10	33	143	451	1050	1900	2910	3865	4552	4911	5019	5041
50	4	12	74	271	718	1418	2273	3073	3611	3846	3900	3907
55	1	4	37	149	455	1005	1706	2350	2743	2877	2899	2902
60	0	1	15	70	253	655	1200	1690	1948	2013	2019	2019
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	19	55	179	438	905	1581	2380	3131	3671	3969	4083	4112

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