

Summary of Monthly Normals
1991-2020

Generated on 04/28/2024

Current Location: Elev: 827 ft. Lat: 38.8347° N Lon: 91.1389° W
Station: **WARRENTON 1 N, MO US USC00238725**

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	38.9	19.6	29.3	4.5	4.6	4.3	1.3	0.6	0.1	0.0	0.0	0.0	799.1	860.5	953.0	1107.9	0.0	0.0	6.8	9.9	27.1	2.1
02	44.3	23.1	33.7	5.6	5.5	5.4	4.3	2.6	1.1	0.2	0.0	0.0	600.6	654.9	737.4	876.5	0.0	0.0	9.3	6.2	22.9	0.6
03	54.9	32.9	43.9	4.8	4.4	4.5	35.8	26.1	14.6	3.9	0.4	0.1	379.9	432.2	513.7	658.0	0.0	0.0	19.3	1.2	15.8	0.1
04	66.4	43.4	54.9	4.0	3.2	3.4	119.6	91.5	57.7	22.3	5.4	2.2	122.7	154.6	210.8	325.4	0.0	0.0	27.8	0.0	4.0	0.0
05	75.1	52.9	64.0	3.0	3.5	3.1	299.4	248.0	178.5	87.6	30.1	16.0	20.3	30.9	54.5	118.6	0.0	0.3	30.9	0.0	0.1	0.0
06	83.7	62.8	73.3	2.7	2.1	2.2	547.9	488.5	400.3	258.3	136.1	95.9	0.7	1.3	3.0	11.0	0.1	5.3	30.0	0.0	0.0	0.0
07	87.8	66.4	77.1	3.3	2.7	2.8	684.9	622.9	530.0	376.2	230.2	176.8	0.0	0.0	0.0	1.2	1.0	11.7	31.0	0.0	0.0	0.0
08	86.5	64.5	75.5	3.0	2.9	2.8	635.3	573.3	480.5	327.7	188.9	140.9	0.0	0.0	0.1	2.4	0.4	9.6	31.0	0.0	0.0	0.0
09	79.7	56.1	67.9	3.4	3.4	3.2	395.6	340.0	260.7	148.3	68.7	46.6	8.7	13.1	23.9	61.4	0.1	3.5	30.0	0.0	0.0	0.0
10	68.0	44.6	56.3	3.5	2.1	2.6	140.0	106.8	68.1	26.7	7.6	3.9	99.7	128.5	182.9	296.4	0.0	0.1	28.9	0.0	3.0	0.0
11	54.5	34.1	44.3	5.9	4.1	4.8	29.2	20.6	10.8	2.2	0.3	0.2	350.2	401.5	481.7	623.1	0.0	0.0	19.8	1.0	13.5	0.1
12	43.0	25.1	34.0	4.5	4.0	4.1	2.1	1.1	0.4	0.0	0.0	0.0	651.4	712.4	804.7	959.3	0.0	0.0	9.2	5.5	24.3	0.6
Summary	65.2	43.8	54.5	4.0	3.5	3.6	2895	2522	2003	1253	668	483	3033	3390	3966	5041	1.6	30.5	274.0	23.8	110.7	3.5

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	2.35							
02	2.18							
03	2.64							
04	4.63							
05	5.12							
06	4.51							
07	3.93							
08	3.54							
09	3.48							
10	3.23							
11	3.46							
12	2.40							
Summary	41.47	0.0	0.0	0.0	0.0	0.00	0.00	0.00

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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	32.4	61.4	210.5	456.2	744.1	997.3	1149.9	1100.3	836.9	509.2	203.6	52.5
45	13.1	30.0	128.8	323.3	589.7	847.3	994.9	945.3	687.2	365.8	117.2	21.8
50	5.1	12.6	71.1	209.0	439.2	697.3	839.9	790.2	539.3	241.3	61.7	7.8
55	1.3	4.3	35.8	119.6	299.4	547.9	684.9	635.3	395.6	140.0	29.2	2.1
60	0.1	1.1	14.6	57.7	178.5	400.3	530.0	480.5	260.7	68.1	10.8	0.4
Growing Degree Units for Corn (Monthly)												
50/86	23.8	45.9	134.9	270.4	463.6	678.3	786.5	745.4	539.8	303.3	115.5	32.7

Growing Degree Units (Accumulated Monthly)												
40	32	94	304	760	1505	2502	3652	4752	5589	6098	6302	6354
45	13	43	172	495	1085	1932	2927	3872	4560	4925	5043	5064
50	5	18	89	298	737	1434	2274	3064	3604	3845	3907	3914
55	1	6	41	161	460	1008	1693	2328	2724	2864	2893	2895
60	0	1	16	74	252	652	1182	1663	1924	1992	2002	2003
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	24	70	205	475	939	1617	2403	3149	3689	3992	4107	4140

Note: For corn, temperatures below 50 are set to 50, and temperatures above 86 are set to 86.
Empty or blank cells indicate data is missing or insufficient occurrences to compute value.