

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 987 ft. Lat: 37.6164° N Lon: 93.3914° W

Station: **BOLIVAR 1 NE, MO US USC00230789**

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	42.8	21.7	32.2	4.1	3.7	3.7	2.1	1.3	0.6	0.1	0.0	0.0	707.0	768.3	860.6	1015.0	0.0	0.0	10.0	6.7	26.4	1.3
02	47.9	25.4	36.6	5.0	4.3	4.5	6.9	4.0	1.6	0.3	0.0	0.0	520.6	573.7	655.3	794.0	0.0	0.0	12.4	3.9	22.0	0.4
03	57.5	34.0	45.8	4.7	4.4	4.4	37.6	26.4	14.9	4.4	0.2	0.1	324.4	375.1	456.6	601.1	0.0	0.0	22.1	0.8	14.0	0.0
04	67.6	43.5	55.5	3.3	3.2	3.1	126.5	96.8	61.2	22.4	4.8	1.9	110.0	140.3	194.8	305.9	0.0	0.0	28.1	0.0	4.2	0.0
05	75.9	54.2	65.1	3.0	3.0	2.8	324.6	271.5	198.7	101.0	35.7	19.5	13.1	22.0	42.1	99.5	0.0	0.6	31.0	0.0	0.1	0.0
06	84.3	63.0	73.7	2.8	2.1	2.3	559.6	499.9	411.0	267.8	141.9	99.4	0.2	0.6	1.6	8.4	0.1	6.2	30.0	0.0	0.0	0.0
07	89.1	67.0	78.0	3.2	2.1	2.3	714.5	652.4	559.4	404.9	255.2	198.8	0.0	0.0	0.0	0.5	1.0	15.4	31.0	0.0	0.0	0.0
08	88.4	65.2	76.8	3.5	2.8	3.0	675.7	613.6	520.8	367.2	223.4	172.5	0.0	0.0	0.1	1.6	1.3	14.2	31.0	0.0	0.0	0.0
09	81.0	56.6	68.8	3.1	3.2	2.9	419.5	363.1	282.8	165.9	78.4	52.9	5.6	9.2	18.9	52.0	0.2	4.7	30.0	0.0	0.0	0.0
10	69.8	44.5	57.1	3.0	2.5	2.4	153.7	118.8	76.1	29.5	8.3	4.6	87.1	114.2	164.4	272.9	0.0	0.2	29.6	0.0	3.5	0.0
11	57.1	34.3	45.7	5.2	3.7	4.0	31.6	21.7	11.1	2.5	0.3	0.1	310.6	360.7	440.0	581.5	0.0	0.0	21.7	0.6	14.1	0.0
12	46.4	25.7	36.1	4.1	3.6	3.6	4.6	2.7	0.9	0.2	0.0	0.0	591.9	652.0	743.2	897.4	0.0	0.0	12.7	4.2	24.0	0.2
Summary	67.3	44.6	56.0	3.8	3.2	3.2	3057	2672	2139	1366	748	550	2670	3016	3578	4630	2.6	41.3	289.6	16.2	108.3	1.9

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	2.31	7.7	4.2	1.4	0.6	0.92	2.05	3.36
02	2.25	7.7	4.4	1.6	0.7	1.03	2.02	3.19
03	3.59	10.5	6.7	2.5	0.7	2.44	3.29	4.51
04	4.96	11.0	7.4	3.3	1.4	3.06	4.32	6.43
05	5.90	12.7	8.6	4.5	1.9	3.81	5.16	7.44
06	4.88	10.7	7.6	3.1	1.3	2.43	3.88	7.31
07	4.62	8.5	5.7	3.1	1.3	2.38	4.07	6.86
08	3.71	7.6	4.8	2.4	1.1	2.33	3.15	4.77
09	4.25	7.8	5.2	2.6	1.3	1.64	3.29	5.72
10	3.79	9.3	5.8	2.3	1.1	2.00	3.41	4.98
11	3.42	8.8	5.5	2.3	1.1	1.37	2.79	4.21
12	2.70	7.4	4.6	1.8	0.8	1.41	2.06	3.34
Summary	46.38	109.7	70.5	30.9	13.3	24.82	39.49	62.12

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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	48.1	83.0	241.8	473.4	776.5	1009.3	1179.3	1140.5	863.9	534.9	227.6	72.3
45	20.1	42.0	147.0	338.8	621.7	859.4	1024.4	985.6	714.1	389.4	134.4	32.9
50	6.9	18.8	79.8	221.1	468.7	709.4	869.4	830.6	565.2	259.8	70.2	13.7
55	2.1	6.9	37.6	126.5	324.6	559.6	714.5	675.7	419.5	153.7	31.6	4.6
60	0.6	1.6	14.9	61.2	198.7	411.0	559.4	520.8	282.8	76.1	11.1	0.9
Growing Degree Units for Corn (Monthly)												
50/86	39.5	64.5	161.3	294.0	493.0	686.5	803.4	766.5	565.0	337.8	147.2	54.0

Growing Degree Units (Accumulated Monthly)												
40	48	131	373	846	1623	2632	3811	4952	5816	6351	6578	6651
45	20	62	209	548	1170	2029	3053	4039	4753	5142	5277	5310
50	7	26	106	327	795	1505	2374	3205	3770	4030	4100	4114
55	2	9	47	173	498	1057	1772	2448	2867	3021	3052	3057
60	1	2	17	78	277	688	1247	1768	2051	2127	2138	2139
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	40	104	265	559	1052	1739	2542	3309	3874	4212	4359	4413

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