

Summary of Monthly Normals
1991-2020

Generated on 04/27/2024

Current Location: Elev: 754 ft. Lat: 38.2597° N Lon: 93.4136° W
Station: **TRUMAN DAM & RSVR, MO US USC00238466**

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	42.5	21.9	32.2	3.7	4.1	3.6	0.7	0.3	0.0	0.0	0.0	0.0	707.4	768.9	861.7	1016.6	0.0	0.0	8.6	7.8	26.8	0.8
02	46.8	25.1	36.0	5.3	4.8	4.9	4.9	2.7	1.0	0.1	0.0	0.0	538.2	592.0	674.4	813.4	0.0	0.0	11.0	4.5	22.5	0.3
03	57.0	33.9	45.4	4.6	4.6	4.4	33.3	22.9	12.1	3.0	0.1	0.0	329.4	380.9	463.1	609.1	0.0	0.0	20.6	1.0	14.8	0.0
04	67.7	43.7	55.7	3.1	3.0	3.0	123.2	93.3	58.0	21.0	3.7	1.3	102.3	132.3	187.0	300.0	0.0	0.1	27.8	0.0	3.1	0.0
05	76.1	55.1	65.6	3.1	3.4	3.1	340.2	286.1	211.8	111.6	43.1	25.0	11.6	19.5	38.2	93.0	0.0	0.6	30.8	0.0	0.0	0.0
06	84.9	64.9	74.9	2.5	2.3	2.3	597.0	537.3	448.1	302.9	171.3	125.1	0.1	0.4	1.2	6.0	0.0	7.4	30.0	0.0	0.0	0.0
07	89.7	69.4	79.6	3.5	2.4	2.6	761.0	699.0	606.0	451.0	298.6	240.5	0.0	0.0	0.0	0.0	1.6	15.5	31.0	0.0	0.0	0.0
08	88.8	67.3	78.0	3.7	2.7	3.0	714.4	652.4	559.4	405.0	256.5	202.3	0.0	0.0	0.0	0.6	1.7	13.9	31.0	0.0	0.0	0.0
09	81.6	58.5	70.1	3.1	3.1	2.9	455.2	398.3	315.3	191.0	95.7	67.4	3.8	6.8	13.9	39.6	0.1	4.9	30.0	0.0	0.0	0.0
10	69.9	46.3	58.1	3.3	2.5	2.6	169.1	132.1	86.3	34.9	10.5	6.0	73.0	98.0	145.2	248.8	0.0	0.2	29.5	0.0	2.0	0.0
11	57.3	35.6	46.5	5.4	3.7	4.2	32.9	22.3	11.1	2.6	0.3	0.0	289.4	338.8	417.6	559.1	0.0	0.0	21.4	0.3	11.4	0.0
12	46.4	26.7	36.5	3.6	3.3	3.2	3.4	2.0	0.8	0.1	0.0	0.0	575.2	635.8	727.6	881.8	0.0	0.0	11.9	3.8	23.9	0.0
Summary	67.4	45.7	56.6	3.7	3.3	3.3	3235	2849	2310	1523	880	668	2630	2973	3530	4568	3.4	42.6	283.6	17.4	104.5	1.1

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	1.75	6.6	3.9	1.0	0.4	0.84	1.56	2.33	
02	2.14	5.9	3.6	1.1	0.4	1.06	1.89	2.89	
03	3.04	9.7	6.9	1.8	0.4	1.91	2.43	3.63	
04	4.60	11.6	7.5	3.3	1.4	3.10	4.43	5.33	
05	5.52	12.2	8.3	3.6	1.6	4.10	5.34	7.21	
06	5.24	9.6	6.9	3.3	1.6	3.72	4.93	7.08	
07	4.70	8.2	6.1	2.7	1.4	1.67	3.87	7.33	
08	3.96	8.0	5.8	2.6	1.2	2.51	3.42	4.78	
09	4.11	8.0	5.6	2.6	1.6	2.22	3.45	5.03	
10	3.45	9.3	6.0	2.2	0.7	1.54	3.02	4.17	
11	3.06	7.4	4.9	1.9	1.0	1.42	1.97	3.92	
12	1.97	5.7	3.6	1.3	0.3	0.98	1.70	2.79	
Summary	43.54	102.2	69.1	27.4	12.0	25.07	38.01	56.49	

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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	42.1	73.0	232.1	476.3	793.6	1046.8	1225.8	1179.3	901.3	563.7	241.3	72.9
45	16.3	35.5	139.0	339.8	638.9	896.8	1070.9	1024.3	751.5	415.9	142.7	30.7
50	4.6	14.6	72.9	219.6	485.7	746.9	915.9	869.4	602.1	281.9	74.5	11.4
55	0.7	4.9	33.3	123.2	340.2	597.0	761.0	714.4	455.2	169.1	32.9	3.4
60	0.0	1.0	12.1	58.0	211.8	448.1	606.0	559.4	315.3	86.3	11.1	0.8
Growing Degree Units for Corn (Monthly)												
50/86	36.6	58.9	156.4	291.2	501.1	716.6	840.6	798.6	586.6	341.7	147.3	52.0
Growing Degree Units (Accumulated Monthly)												
40	42	115	347	824	1617	2664	3890	5069	5970	6534	6775	6848
45	16	52	191	531	1170	2066	3137	4162	4913	5329	5472	5502
50	5	19	92	312	797	1544	2460	3330	3932	4214	4288	4299
55	1	6	39	162	502	1099	1860	2575	3030	3199	3232	3235
60	0	1	13	71	283	731	1337	1896	2212	2298	2309	2310
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	37	96	252	543	1044	1761	2601	3400	3987	4328	4476	4528

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