

Summary of Monthly Normals
1991-2020

Current Location: Elev: 1070 ft. Lat: 36.9858° N Lon: 94.3553° W
Station: **DIAMOND 2W, MO US USC00232240**
Generated on 04/28/2024

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	46.0	22.5	34.3	3.9	3.7	3.6	3.3	1.9	0.9	0.2	0.0	0.0	646.4	706.9	798.8	953.2	0.0	0.0	13.3	4.9	25.5	0.8
02	50.5	26.3	38.4	5.0	4.3	4.4	9.2	5.4	2.1	0.5	0.0	0.0	473.9	526.1	606.8	745.2	0.0	0.0	13.9	3.2	21.2	0.3
03	59.5	34.7	47.1	4.5	4.3	4.2	45.2	32.2	18.4	6.4	1.0	0.2	290.1	339.1	418.4	561.4	0.0	0.0	23.6	0.8	13.4	0.0
04	68.8	43.6	56.2	3.3	3.4	3.2	138.0	106.9	69.0	27.6	6.4	3.1	102.0	130.9	183.0	291.6	0.0	0.1	28.5	0.0	4.3	0.0
05	76.3	53.5	64.9	3.2	3.2	3.0	320.5	267.2	194.0	96.3	33.8	18.7	13.6	22.2	42.1	99.3	0.0	0.6	30.8	0.0	0.1	0.0
06	85.1	62.9	74.0	3.0	2.2	2.4	570.0	510.1	420.9	276.9	148.1	104.7	0.1	0.3	1.0	7.0	0.1	6.0	30.0	0.0	0.0	0.0
07	89.9	66.9	78.4	3.4	2.4	2.6	725.3	663.2	570.2	415.9	265.8	209.4	0.0	0.0	0.0	0.6	1.2	15.9	31.0	0.0	0.0	0.0
08	90.0	64.9	77.4	3.7	3.1	3.2	695.8	633.7	540.9	387.5	242.2	188.8	0.0	0.0	0.2	1.7	1.3	16.7	31.0	0.0	0.0	0.0
09	82.5	57.2	69.9	3.1	2.8	2.7	450.2	393.4	311.2	188.1	91.8	62.3	4.8	8.0	15.9	42.7	0.3	6.0	30.0	0.0	0.1	0.0
10	71.6	44.8	58.2	3.1	2.6	2.4	175.1	138.3	90.7	37.3	11.1	6.0	75.9	101.1	146.5	248.1	0.0	0.1	30.1	0.0	2.9	0.0
11	59.1	34.7	46.9	4.9	4.2	4.2	38.8	27.0	14.1	3.3	0.3	0.1	281.8	330.0	407.1	546.3	0.0	0.0	23.7	0.5	13.1	0.0
12	49.0	26.2	37.6	4.6	3.6	3.8	4.5	2.6	0.8	0.0	0.0	0.0	543.7	603.8	695.0	849.3	0.0	0.0	15.6	2.6	23.2	0.1
Summary	69.0	44.8	56.9	3.8	3.3	3.3	3176	2782	2233	1440	800	593	2432	2768	3315	4346	2.9	45.4	301.5	12.0	103.8	1.2

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	1.91	3.8	2.7	0.8	0.4	0.74	1.32	2.95
02	2.24	5.0	3.5	1.6	0.7	0.87	1.93	2.81
03	3.54	7.3	5.5	2.4	0.9	2.20	3.17	3.95
04	5.24	8.5	6.0	3.2	1.4	3.22	4.94	6.66
05	6.71	9.4	7.3	3.9	2.1	3.41	6.30	9.03
06	5.49	8.4	6.5	3.4	1.8	2.94	4.85	6.89
07	3.80	7.1	5.3	2.6	1.3	2.05	3.75	5.60
08	3.48	6.3	4.8	2.1	1.1	1.85	2.84	4.39
09	4.48	6.9	5.0	2.8	1.4	2.56	3.67	5.56
10	3.89	6.4	4.9	2.1	1.1	1.67	3.35	5.99
11	3.58	6.6	4.8	2.3	1.1	1.63	3.38	4.07
12	2.51	4.8	3.6	1.6	0.6	1.38	1.85	2.99
Summary	46.87	80.5	59.9	28.8	13.9	24.52	41.35	60.89

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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	63.1	102.1	271.3	491.5	772.0	1019.8	1190.2	1160.7	895.4	567.0	253.6	89.2
45	27.2	52.9	169.6	355.0	617.6	869.8	1035.2	1005.7	745.6	419.8	154.1	39.9
50	9.9	24.6	94.5	235.9	465.4	719.9	880.3	850.8	596.5	285.3	83.3	15.3
55	3.3	9.2	45.2	138.0	320.5	570.0	725.3	695.8	450.2	175.1	38.8	4.5
60	0.9	2.1	18.4	69.0	194.0	420.9	570.2	540.9	311.2	90.7	14.1	0.8
Growing Degree Units for Corn (Monthly)												
50/86	53.0	79.8	185.8	312.0	491.1	692.0	805.5	769.4	586.0	366.7	169.0	67.4

Growing Degree Units (Accumulated Monthly)												
40	63	165	436	928	1700	2720	3910	5071	5966	6533	6787	6876
45	27	80	250	605	1222	2092	3127	4133	4879	5298	5453	5492
50	10	34	129	365	830	1550	2430	3281	3878	4163	4246	4262
55	3	12	58	196	516	1086	1812	2507	2958	3133	3171	3176
60	1	3	21	90	284	705	1276	1816	2128	2218	2232	2233
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	53	133	319	631	1122	1814	2619	3389	3975	4341	4510	4578

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