

Summary of Monthly Normals
1991-2020

Generated on 05/23/2024

Current Location: Elev: 974 ft. Lat: 39.8914° N Lon: 94.3600° W

Station: **AMITY 4 NE, MO US USC00230143**

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	34.4	15.1	24.7	4.7	4.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	937.5	999.6	1092.6	1247.6	0.0	0.0	4.3	13.1	29.1	4.0
02	39.6	18.8	29.2	6.5	5.8	6.0	1.4	0.7	0.3	0.0	0.0	0.0	723.6	779.1	862.6	1002.4	0.0	0.0	7.2	8.7	24.0	2.4
03	51.8	29.2	40.5	5.6	4.7	5.0	20.0	13.7	7.4	2.1	0.1	0.0	469.6	525.2	612.0	761.6	0.0	0.0	17.6	2.4	17.9	0.4
04	62.9	39.8	51.4	4.0	3.4	3.6	74.7	54.5	31.4	9.1	1.2	0.4	184.2	224.0	290.9	418.6	0.0	0.1	26.0	0.1	5.7	0.0
05	72.8	51.1	61.9	3.5	3.1	3.2	249.2	203.4	142.6	66.6	22.7	12.9	33.8	49.9	82.2	161.1	0.0	0.8	30.8	0.0	0.1	0.0
06	82.3	61.3	71.8	2.7	2.2	2.3	504.4	445.1	357.5	220.8	107.9	73.6	0.6	1.2	3.6	16.8	0.1	5.6	30.0	0.0	0.0	0.0
07	86.5	65.3	75.9	3.6	2.5	2.8	647.8	585.8	492.8	340.1	197.3	147.4	0.0	0.0	0.0	2.2	0.8	11.2	31.0	0.0	0.0	0.0
08	85.1	63.0	74.1	3.2	2.9	2.7	590.4	528.6	436.2	286.1	155.7	113.6	0.0	0.2	0.7	5.6	0.8	8.7	31.0	0.0	0.0	0.0
09	77.7	54.1	65.9	3.6	3.3	3.2	340.1	287.6	215.6	116.1	50.3	33.5	13.2	20.7	38.7	89.1	0.1	3.2	30.0	0.0	0.1	0.0
10	65.3	42.1	53.7	3.3	2.6	2.7	103.1	76.6	46.1	16.4	4.1	2.1	143.4	179.0	241.5	366.7	0.0	0.2	28.0	0.1	3.9	0.0
11	51.0	30.3	40.7	5.8	4.2	4.8	13.6	8.4	3.3	0.3	0.0	0.0	444.1	498.9	583.8	730.8	0.0	0.0	16.6	2.2	16.1	0.1
12	39.0	20.5	29.7	4.7	4.7	4.5	0.6	0.3	0.1	0.0	0.0	0.0	783.2	845.0	937.7	1092.7	0.0	0.0	6.8	9.5	27.3	1.4
Summary	62.4	40.9	51.6	4.3	3.7	3.8	2545	2205	1733	1058	539	384	3733	4123	4746	5895	1.8	29.8	259.3	36.1	124.2	8.3

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	1.05	4.9	2.9	0.5	0.0	0.50	1.05	1.57
02	1.48	5.3	3.4	0.8	0.3	0.73	1.16	2.29
03	2.47	7.5	5.3	1.6	0.5	1.29	2.07	3.65
04	3.89	10.0	7.1	2.7	1.0	2.34	4.12	5.26
05	5.65	10.9	8.2	3.6	1.7	3.22	3.98	8.11
06	5.35	10.1	7.5	3.5	1.5	3.23	4.90	6.71
07	4.64	8.9	6.5	3.2	1.6	2.31	4.05	5.63
08	4.41	7.8	5.9	3.1	1.4	2.37	3.70	6.12
09	4.03	7.4	5.4	2.4	1.3	2.01	3.26	4.68
10	3.28	7.7	5.7	2.1	0.9	1.68	2.56	4.83
11	2.02	6.2	3.9	1.4	0.6	1.08	1.79	2.81
12	1.61	5.4	3.6	1.1	0.4	0.96	1.36	2.19
Summary	39.88	92.1	65.4	26.0	11.2	21.72	34.00	53.85

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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

Snow (in.)													
	Totals	Mean Number of Days									Snow Probabilities Probability that snow will be equal to or less than the indicated amount		
	Means	Snowfall >= Thresholds					Snow Depth >= Thresholds				Monthly Snow vs. Probability Levels Values derived from the incomplete gamma distribution.		
Month	Snowfall Mean	0.01	1.0	3.0	5.00	10.00	1	3	5	10	.25	.50	.75
01	5.30	2.9	2.3	0.6	0.2	0.0					2.00	3.50	7.20
02	5.60	2.5	2.1	0.9	0.3	0.0					0.90	3.00	8.40
03	2.00	1.2	0.9	0.3	0.1	0.0					0.10	1.30	3.90
04	0.50	0.4	0.3	0.1	0.0	0.0					0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
06	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
07	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
08	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
09	0.00	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
10	0.30	0.2	0.2	0.0	0.0	0.0					0.00	0.00	0.00
11	1.50	0.7	0.5	0.1	0.0	0.0					0.00	0.00	1.00
12	5.50	2.5	2.1	0.7	0.2	0.0					0.50	3.00	7.60
Summary	20.7	10.4	8.4	2.7	0.8	0.0	0.0	0.0	0.0	0.0	3.5	10.8	28.1

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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	12.7	32.8	151.6	362.6	680.7	953.9	1112.8	1055.4	777.0	436.5	142.8	27.1
45	3.1	13.9	86.9	242.6	527.0	803.8	957.8	900.4	627.5	302.8	76.2	8.9
50	0.3	5.0	45.1	144.1	380.5	653.8	802.7	745.3	480.3	189.4	35.0	2.3
55	0.0	1.4	20.0	74.7	249.2	504.4	647.8	590.4	340.1	103.1	13.6	0.6
60	0.0	0.3	7.4	31.4	142.6	357.5	492.8	436.2	215.6	46.1	3.3	0.1
Growing Degree Units for Corn (Monthly)												
50/86	12.1	27.9	108.3	219.3	413.4	636.4	756.2	708.1	494.0	264.7	88.9	19.5
Growing Degree Units (Accumulated Monthly)												
40	13	46	197	560	1240	2194	3307	4362	5140	5576	5719	5746
45	3	17	104	346	874	1677	2635	3536	4163	4466	4542	4551
50	0	5	50	194	575	1229	2032	2777	3257	3447	3482	3484
55	0	1	21	96	345	850	1498	2088	2428	2531	2545	2545
60	0	0	8	39	182	539	1032	1468	1684	1730	1733	1733
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	12	40	148	368	781	1417	2174	2882	3376	3640	3729	3749

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