

Summary of Monthly Normals
1991-2020

Generated on 04/29/2024

Current Location: Elev: 860 ft. Lat: 39.4194° N Lon: 92.4369° W

Station: **MOBERLY, MO US USC00235671**

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	37.1	18.9	28.0	4.7	4.5	4.4	0.7	0.4	0.1	0.0	0.0	0.0	837.4	899.2	991.8	1146.8	0.0	0.0	5.8	10.6	26.2	2.3
02	42.2	22.7	32.5	5.8	5.4	5.5	3.1	2.0	0.8	0.2	0.0	0.0	634.5	689.3	772.2	911.6	0.0	0.0	8.9	6.6	21.4	1.0
03	53.9	33.6	43.8	5.0	4.4	4.5	31.0	21.6	11.3	2.5	0.2	0.1	379.9	432.4	515.2	661.3	0.0	0.0	19.4	1.2	13.8	0.1
04	64.7	44.1	54.4	3.4	3.1	3.2	106.6	80.0	48.2	14.7	2.0	0.5	124.6	158.0	216.3	332.7	0.0	0.0	27.7	0.0	2.9	0.0
05	74.2	54.9	64.5	3.0	3.2	3.1	311.9	259.9	188.7	94.6	34.0	19.5	15.9	25.9	47.7	108.6	0.0	0.3	30.9	0.0	0.1	0.0
06	82.8	63.7	73.2	2.1	1.7	1.8	547.4	487.6	398.4	255.7	131.7	91.4	0.1	0.2	1.1	8.3	0.1	4.1	30.0	0.0	0.0	0.0
07	87.0	67.5	77.3	2.9	2.3	2.4	689.7	627.7	534.8	380.6	232.7	178.5	0.0	0.0	0.1	0.9	0.6	10.9	31.0	0.0	0.0	0.0
08	85.6	65.7	75.7	2.8	2.6	2.5	640.1	578.1	485.3	332.7	191.8	142.9	0.0	0.0	0.2	2.7	0.5	8.8	31.0	0.0	0.0	0.0
09	78.2	57.3	67.8	3.4	2.9	3.0	388.6	332.9	254.1	143.6	65.9	44.0	6.2	10.4	21.7	61.2	0.0	2.4	30.0	0.0	0.0	0.0
10	66.8	45.9	56.3	3.0	2.3	2.5	142.6	110.1	70.7	27.1	6.8	3.6	100.9	130.3	184.0	295.3	0.0	0.1	28.8	0.0	2.6	0.0
11	53.2	33.8	43.5	5.3	4.2	4.6	21.6	14.0	6.1	1.2	0.2	0.0	366.5	418.9	501.0	646.1	0.0	0.0	19.1	1.0	12.3	0.0
12	42.0	24.7	33.3	4.9	4.5	4.5	2.6	1.4	0.3	0.0	0.0	0.0	673.7	734.4	826.3	981.1	0.0	0.0	8.5	6.8	22.9	0.7
Summary	64.0	44.4	54.2	3.9	3.4	3.5	2886	2516	1999	1253	665	480	3140	3499	4078	5157	1.2	26.6	271.1	26.2	102.2	4.1

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	1.87	6.4	4.1	1.1	0.4	0.97	1.64	2.83
02	2.06	6.8	4.0	1.4	0.6	1.06	1.98	2.66
03	3.26	9.2	6.6	2.4	0.5	1.88	2.89	4.51
04	4.58	10.9	7.6	3.3	1.2	3.02	4.12	5.85
05	5.13	12.1	8.5	3.6	1.4	3.63	4.53	6.31
06	5.16	9.6	7.0	3.4	1.7	3.50	5.35	6.38
07	4.53	7.9	5.8	2.8	1.5	1.86	3.95	5.63
08	3.94	7.8	5.3	2.4	1.2	2.13	3.46	5.79
09	3.95	7.4	5.3	2.5	1.4	2.57	3.36	4.80
10	3.38	8.7	5.9	2.1	0.9	2.08	3.30	4.19
11	2.65	7.3	5.0	1.9	0.6	1.31	2.33	3.12
12	2.19	7.0	4.2	1.3	0.5	1.20	2.01	2.47
Summary	42.70	101.1	69.3	28.2	11.9	25.21	38.92	54.54

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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	5.60	2.3	1.7	0.9	0.3	0.0	4.4	2.4	1.1	0.2	1.50	3.00	8.50
02	3.20	1.9	1.3	0.4	0.2	0.1	4.1	2.5	1.3	0.3	0.00	0.90	3.60
03	1.30	0.6	0.5	0.1	0.0	0.0	0.5	0.1	0.0	0.0	0.00	0.30	2.00
04	0.20	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.00	0.00	0.00
05	0.00	0.0	0.0	0.0	0.0	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	0.0	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	0.0	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	0.0	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	0.0	0.0	0.0	0.0	0.00	0.00	0.00
10	0.10	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.70	0.3	0.3	0.1	0.0	0.0	0.4	0.1	0.0	0.0	0.00	0.00	0.50
12	4.00	2.0	1.4	0.4	0.1	0.0	1.9	0.3	0.0	0.0	1.00	3.10	4.90
Summary	15.1	7.3	5.4	1.9	0.6	0.1	11.4	5.4	2.4	0.5	2.5	7.3	19.5

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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	25.7	55.5	205.6	441.4	761.1	997.3	1154.7	1105.0	832.4	512.4	186.2	55.0
45	9.1	25.9	122.5	309.3	606.7	847.3	999.7	950.0	682.5	370.6	104.9	24.1
50	2.6	9.8	66.4	195.4	454.6	697.3	844.7	795.0	533.6	244.7	51.8	9.4
55	0.7	3.1	31.0	106.6	311.9	547.4	689.7	640.1	388.6	142.6	21.6	2.6
60	0.1	0.8	11.3	48.2	188.7	398.4	534.8	485.3	254.1	70.7	6.1	0.3
Growing Degree Units for Corn (Monthly)												
50/86	16.8	36.7	122.8	252.1	472.4	681.9	799.4	757.5	536.4	299.6	103.4	30.1

Growing Degree Units (Accumulated Monthly)												
40	26	81	287	728	1489	2487	3641	4746	5579	6091	6277	6332
45	9	35	158	467	1074	1921	2920	3870	4553	4924	5028	5053
50	3	12	79	274	729	1426	2271	3066	3599	3844	3896	3905
55	1	4	35	141	453	1001	1690	2330	2719	2862	2883	2886
60	0	1	12	60	249	648	1182	1668	1922	1992	1998	1999
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	17	54	176	428	901	1583	2382	3140	3676	3976	4079	4109

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