

Summary of Monthly Normals
1991-2020

Generated on 06/04/2024

Current Location: Elev: 440 ft. Lat: 37.3781° N Lon: 89.6678° W
Station: JACKSON, MO US USC00234226

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	41.2	23.7	32.4	3.9	3.9	3.8	1.9	1.0	0.3	0.0	0.0	0.0	700.7	761.8	854.1	1008.9	0.0	0.0	8.4	6.5	24.1	0.4
02	46.2	26.6	36.4	5.0	4.5	4.6	3.9	2.1	0.7	0.1	0.0	0.0	524.6	578.8	661.4	800.8	0.0	0.0	12.6	3.6	18.8	0.3
03	56.7	35.3	46.0	4.9	4.2	4.4	33.6	23.2	12.1	2.9	0.3	0.0	312.6	364.2	446.1	591.9	0.0	0.0	23.4	0.6	11.7	0.0
04	68.6	45.7	57.2	3.2	3.3	3.1	147.9	114.6	74.0	26.7	4.9	1.5	83.5	110.1	159.5	262.2	0.0	0.0	29.0	0.0	2.4	0.0
05	78.2	56.4	67.3	3.1	3.2	3.0	388.1	331.9	253.2	141.3	59.7	36.5	6.9	12.6	27.0	70.0	0.0	2.5	31.0	0.0	0.0	0.0
06	87.0	65.3	76.1	2.9	2.4	2.4	634.3	574.3	484.6	337.0	199.7	150.8	0.0	0.0	0.2	2.6	0.2	13.8	30.0	0.0	0.0	0.0
07	90.2	68.9	79.6	2.6	2.5	2.4	761.0	699.0	606.0	451.0	297.8	239.2	0.0	0.0	0.0	0.0	0.9	19.2	31.0	0.0	0.0	0.0
08	88.9	67.1	78.0	2.8	2.5	2.5	712.8	650.8	557.8	403.3	252.8	196.8	0.0	0.0	0.0	0.4	1.1	15.2	31.0	0.0	0.0	0.0
09	81.8	58.7	70.2	3.2	2.9	2.9	459.7	401.8	317.7	191.7	94.0	64.6	2.3	4.3	10.3	34.2	0.1	5.7	30.0	0.0	0.0	0.0
10	70.1	46.5	58.3	2.8	2.3	2.3	173.2	136.2	90.0	36.5	10.4	5.8	71.0	95.9	142.8	244.2	0.0	0.2	30.5	0.0	1.8	0.0
11	55.2	35.4	45.3	4.7	3.6	4.0	25.7	16.8	8.2	1.8	0.1	0.0	316.5	367.7	449.0	592.7	0.0	0.0	21.4	0.3	11.5	0.0
12	44.6	27.9	36.2	4.3	4.1	4.1	3.2	1.5	0.4	0.0	0.0	0.0	584.3	644.6	736.5	891.2	0.0	0.0	10.8	3.6	20.6	0.1
Summary	67.4	46.5	56.9	3.6	3.3	3.3	3345	2953	2405	1592	920	695	2602	2940	3487	4499	2.3	56.6	289.1	14.6	90.9	0.8

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	3.34	9.8	6.2	2.5	0.9	2.27	3.24	3.86
02	3.68	8.4	5.6	2.8	1.0	2.33	3.57	4.43
03	5.01	11.4	7.6	3.4	1.3	3.33	4.54	5.91
04	5.51	10.7	7.7	3.9	1.6	3.36	4.80	7.09
05	5.53	11.5	8.2	4.2	1.4	3.70	5.10	7.12
06	4.20	9.2	6.5	2.7	1.1	2.22	3.81	6.00
07	4.29	8.8	6.6	2.9	1.3	2.71	4.20	5.39
08	3.61	7.7	5.4	2.4	0.9	1.69	2.99	4.28
09	3.40	6.8	5.1	2.3	1.0	1.97	3.11	4.32
10	3.65	7.6	5.7	2.4	1.1	1.90	2.84	4.16
11	4.57	9.2	6.1	3.4	1.4	2.42	4.02	5.63
12	3.70	9.4	6.5	2.7	1.0	2.27	2.90	5.39
Summary	50.49	110.5	77.2	35.6	14.0	30.17	45.12	63.58

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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	2.20	1.1	0.6	0.2	0.2	0.0					0.00	0.20	4.00
02	1.20	0.9	0.5	0.3	0.1	0.0					0.00	0.40	2.50
03	1.50	0.3	0.2	0.2	0.2	0.0					0.00	0.00	0.00
04	0.00	0.0	0.0	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					0.00	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	0.10	0.0	0.0	0.0	0.0	0.0					0.00	0.00	0.00
11	0.10	0.1	0.1	0.0	0.0	0.0					0.00	0.00	0.00
12	2.40	0.6	0.4	0.3	0.2	0.0					0.00	0.00	2.50
Summary	7.5	3.0	1.8	1.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	9.0

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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	44.1	74.9	239.8	517.9	846.3	1084.3	1225.9	1177.8	907.4	569.3	213.1	70.3
45	18.2	34.0	142.9	378.0	691.3	934.3	1071.0	1022.8	757.4	420.3	122.9	30.9
50	6.8	13.0	75.3	251.9	537.0	784.3	916.0	867.8	607.6	285.1	61.9	11.6
55	1.9	3.9	33.6	147.9	388.1	634.3	761.0	712.8	459.7	173.2	25.7	3.2
60	0.3	0.7	12.1	74.0	253.2	484.6	606.0	557.8	317.7	90.0	8.2	0.4
Growing Degree Units for Corn (Monthly)												
50/86	25.1	46.7	144.5	316.6	547.0	738.8	839.1	805.1	598.0	351.5	119.2	33.1

Growing Degree Units (Accumulated Monthly)												
40	44	119	359	877	1723	2807	4033	5211	6118	6688	6901	6971
45	18	52	195	573	1264	2199	3270	4292	5050	5470	5593	5624
50	7	20	95	347	884	1668	2584	3452	4060	4345	4407	4418
55	2	6	39	187	575	1210	1971	2684	3143	3316	3342	3345
60	0	1	13	87	340	825	1431	1989	2306	2396	2405	2405
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	25	72	216	533	1080	1819	2658	3463	4061	4412	4532	4565

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