U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Summary of Monthly Normals 1991-2020

Generated on 11/06/2026

National Centers for Environmental Information
151 Patton Avenue
Asheville, North Carolina 28801

Current Location: Elev: 1278 ft. Lat: 37.2353° N Lon: 93.4003° W

Station: **SPRINGFIELD, MO US USW00013995**

Temperature (°F)

	Mean						Cooling Degree Days Base (above)						Heating Degree Days Base (above)				Mean Number of Days					
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	44.3	24.2	34.3	4.0	3.7	3.7	3.2	1.7	0.7	0.0	0.0	0.0	646.3	706.8	798.8	953.1	0.0	0.0	10.3	6.2	24.6	0.9
02	49.5	28.0	38.7	4.9	4.1	4.3	8.9	5.3	2.6	0.7	0.0	0.0	463.8	516.3	597.5	735.6	0.0	0.0	13.1	3.3	19.9	0.3
03	58.9	36.2	47.6	4.5	4.2	4.2	49.4	35.3	19.2	5.3	0.4	0.0	280.3	328.2	405.2	546.3	0.0	0.0	23.1	0.7	12.0	0.0
04	68.4	45.6	57.0	3.1	3.2	3.1	146.4	113.8	72.6	27.2	5.3	1.8	86.4	113.8	162.7	267.3	0.0	0.0	28.6	0.0	2.8	0.0
05	76.3	55.6	66.0	3.1	3.0	2.9	349.4	294.9	219.4	115.6	43.9	24.9	10.0	17.5	35.0	86.1	0.0	0.4	30.9	0.0	0.1	0.0
06	85.2	64.6	74.9	2.9	2.4	2.5	597.0	537.1	447.8	302.4	169.6	123.0	0.1	0.2	0.9	5.6	0.1	6.1	30.0	0.0	0.0	0.0
07	89.6	68.8	79.2	3.2	2.3	2.6	750.1	688.1	595.1	440.3	288.5	230.1	0.0	0.0	0.0	0.2	1.0	15.1	31.0	0.0	0.0	0.0
08	89.1	67.3	78.2	3.6	2.9	3.0	719.1	657.1	564.1	409.8	261.2	206.1	0.0	0.0	0.0	0.8	1.1	13.7	31.0	0.0	0.0	0.0
09	81.4	59.1	70.3	3.0	3.4	3.0	460.6	403.3	320.6	195.9	98.4	68.9	3.1	5.8	13.1	38.5	0.1	4.1	30.0	0.0	0.0	0.0
10	69.9	47.3	58.6	3.0	2.6	2.5	181.8	143.8	95.9	39.9	11.3	6.0	70.2	94.2	139.3	238.3	0.0	0.2	29.9	0.0	2.4	0.0
11	57.3	36.2	46.7	4.8	3.7	4.0	35.3	24.1	12.1	2.6	0.4	0.1	282.8	331.6	409.5	550.1	0.0	0.0	21.7	0.5	11.6	0.0
12	47.0	27.8	37.4	4.0	3.7	3.7	5.9	3.6	1.3	0.0	0.0	0.0	551.4	611.1	701.8	855.5	0.0	0.0	12.4	4.0	22.0	0.1
Summary	68.1	46.7	57.4	3.7	3.3	3.3	3307	2908	2351	1540	879	661	2394	2726	3264	4277	2.3	39.6	292.0	14.7	95.4	1.3

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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	2.54	8.1	4.2	1.7	0.6	1.30	2.60	3.66
02	2.40	7.7	4.7	1.6	0.5	1.02	2.23	2.99
03	3.51	10.7	6.7	2.3	0.8	2.49	3.02	4.03
04	4.71	10.8	7.4	3.3	1.3	2.67	4.32	5.41
05	5.56	12.4	8.1	4.1	1.4	3.91	5.20	6.89
06	4.47	10.2	7.1	3.3	1.2	2.62	4.06	5.77
07	3.85	8.8	6.1	2.6	1.2	2.08	3.26	5.70
08	3.59	8.3	5.6	2.7	1.0	2.06	3.94	4.74
09	4.31	7.4	4.9	2.5	1.4	2.21	3.71	5.08
10	3.60	9.0	5.7	2.4	1.0	1.62	3.50	4.29
11	3.56	8.6	5.4	2.3	1.1	1.83	2.88	5.03
12	2.61	8.0	4.6	1.5	0.7	1.32	1.76	3.34
Summary	44.71	110.0	70.5	30.3	12.2	25.13	40.48	56.93

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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	4.40	3.4	1.4	0.4	0.2	0.0	5.4	2.2	1.1	0.1	2.60	3.10	4.60
02	3.30	2.5	0.8	0.2	0.1	0.1	2.9	1.3	0.7	0.2	0.60	1.70	3.30
03	2.00	1.2	0.5	0.2	0.1	0.0	0.9	0.3	0.2	0.0	0.00	0.20	4.10
04	0.10	0.1	0.0	0.0	0.0	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	0.1	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	0.00	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.60	0.7	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.00	0.00	0.50
12	3.30	2.2	0.7	0.4	0.2	0.0	2.9	1.9	1.4	0.1	0.20	0.70	3.50
Summary	13.7	10.2	3.6	1.2	0.6	0.1	12.4	5.7	3.4	0.4	3.4	5.7	16.0

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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	64.2	107.3	280.9	513.8	804.6	1046.8	1215.0	1183.9	907.4	579.0	250.5	88.8
45	29.2	55.9	176.0	374.2	649.8	896.8	1060.1	1028.9	757.4	431.3	151.8	41.8
50	11.0	25.8	99.2	248.6	496.2	746.9	905.1	874.1	608.1	295.7	79.7	17.6
55	3.2	8.9	49.4	146.4	349.4	597.0	750.1	719.1	460.6	181.8	35.3	5.9
60	0.7	2.6	19.2	72.6	219.4	447.8	595.1	564.1	320.6	95.9	12.1	1.3
Growing Degree Units for Corn (Monthly)												
50/86	45.1	73.7	176.7	312.3	513.1	717.2	833.9	803.7	598.1	352.7	147.2	55.3
Growing Degree Units (Accumulated Monthly)												
40	64	172	452	966	1771	2818	4033	5216	6124	6703	6953	7042
45	29	85	261	635	1285	2182	3242	4271	5028	5460	5611	5653
50	11	37	136	385	881	1628	2533	3407	4015	4311	4390	4408
55	3	12	62	208	557	1154	1904	2624	3084	3266	3301	3307
60	1	3	22	95	314	762	1357	1922	2242	2338	2350	2351
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	45	119	296	608	1121	1838	2672	3476	4074	4426	4574	4629

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

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