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: 400 ft. Lat: 38.5669° N Lon: 90.1942° W

Station: **CAHOKIA, IL US USC00111160**

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	40.7	22.0	31.4	4.3	4.1	4.0	1.5	0.8	0.4	0.0	0.0	0.0	734.3	795.7	888.3	1042.9	0.0	0.0	7.1	7.8	25.2	0.9
02	46.0	25.6	35.8	5.4	4.8	5.0	4.6	2.9	1.3	0.2	0.0	0.0	542.1	596.4	678.7	817.6	0.0	0.0	11.3	3.4	20.4	0.2
03	56.1	34.7	45.4	5.0	3.9	4.3	40.9	30.2	17.6	5.0	0.7	0.3	338.5	389.8	470.2	612.6	0.0	0.0	20.7	0.6	12.9	0.0
04	67.5	45.4	56.5	3.5	2.9	3.1	141.2	110.4	72.0	28.8	7.5	3.5	97.8	127.0	178.6	285.3	0.0	0.2	28.3	0.0	2.6	0.0
05	76.1	56.0	66.0	3.1	3.1	3.0	351.4	296.2	220.0	116.5	45.2	27.0	8.8	15.6	32.4	83.9	0.0	1.4	31.0	0.0	0.0	0.0
06	84.8	64.9	74.8	2.4	2.1	2.1	595.4	535.5	446.0	301.2	171.3	126.4	0.1	0.1	0.7	5.9	0.0	7.8	30.0	0.0	0.0	0.0
07	88.5	68.9	78.7	3.0	2.3	2.5	734.6	672.6	579.6	424.8	274.0	217.1	0.0	0.0	0.0	0.2	0.6	14.4	31.0	0.0	0.0	0.0
08	87.3	66.7	77.0	2.7	2.5	2.5	681.8	619.8	527.0	373.3	226.5	173.8	0.0	0.0	0.1	1.5	0.8	11.6	31.0	0.0	0.0	0.0
09	80.3	58.6	69.5	3.0	3.4	3.0	437.1	379.7	296.6	174.7	82.1	55.5	3.7	6.2	13.2	41.3	0.2	3.8	30.0	0.0	0.0	0.0
10	69.5	46.0	57.7	3.1	2.1	2.3	162.3	126.7	82.1	32.3	8.1	4.5	77.1	103.5	151.9	257.0	0.0	0.3	30.3	0.0	2.1	0.0
11	56.2	35.3	45.7	5.4	4.0	4.5	30.3	19.9	9.8	1.9	0.2	0.0	307.7	357.4	437.2	579.4	0.0	0.0	20.7	0.4	11.0	0.0
12	45.1	26.6	35.8	4.7	4.0	4.2	4.1	2.2	1.0	0.0	0.0	0.0	597.6	657.7	749.5	903.5	0.0	0.0	8.9	5.0	22.9	0.1
Summary	66.5	45.9	56.2	3.8	3.3	3.4	3185	2797	2253	1459	816	608	2708	3049	3601	4631	1.6	39.5	280.3	17.2	97.1	1.2

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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	2.67	9.0	5.9	1.6	0.6	1.25	2.44	3.79
02	2.26	7.9	5.0	1.4	0.5	1.51	2.07	3.09
03	3.55	10.4	6.9	2.3	0.8	2.41	3.37	4.19
04	4.63	11.6	7.6	2.8	1.0	2.94	4.15	5.66
05	4.80	12.2	8.4	3.2	1.3	2.77	4.52	6.15
06	4.30	10.2	7.0	2.7	1.3	3.10	4.08	5.39
07	5.02	8.4	6.4	3.5	1.7	3.66	4.65	6.07
08	3.09	7.6	5.5	2.1	0.9	2.13	3.02	3.66
09	3.35	7.2	5.4	2.5	1.0	1.54	2.55	4.50
10	3.04	8.2	5.5	2.3	0.8	1.82	2.36	3.90
11	3.33	8.3	6.3	2.6	0.9	1.74	2.96	4.67
12	2.75	9.5	5.9	1.6	0.5	1.64	2.47	3.62
Summary	42.79	110.5	75.8	28.6	11.3	26.51	38.64	54.69

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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	4.90	2.8	1.7	0.6	0.2	0.0	7.2	4.3	1.9	0.0	2.90	4.00	6.80
02	3.70	2.4	1.0	0.5	0.2	0.1	3.5	1.4	0.6	0.1	0.80	1.80	4.80
03	1.20	1.0	0.5	0.2	0.1	0.0	0.6	0.2	0.1	0.0	0.00	0.50	1.70
04	0.30	0.2	0.2	0.0	0.0	0.0	0.1	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	0.0	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	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
11	0.80	0.3	0.3	0.1	0.0	0.0	0.5	0.2	0.0	0.0	0.00	0.00	0.20
12	2.90	2.1	1.0	0.3	0.1	0.0	3.5	1.9	1.4	0.0	0.30	1.50	2.70
Summary	13.8	8.8	4.7	1.7	0.6	0.1	15.4	8.1	4.0	0.1	4.0	7.8	16.2

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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	36.4	71.6	233.8	498.2	807.6	1045.2	1199.5	1146.7	883.3	552.9	228.3	69.1
45	14.4	33.6	143.9	361.0	652.6	895.2	1044.5	991.7	733.4	405.1	136.1	31.6
50	5.1	13.6	80.7	239.5	498.8	745.3	889.6	836.8	584.1	272.6	70.1	13.0
55	1.5	4.6	40.9	141.2	351.4	595.4	734.6	681.8	437.1	162.3	30.3	4.1
60	0.4	1.3	17.6	72.0	220.0	446.0	579.6	527.0	296.6	82.1	9.8	1.0
Growing Degree Units for Corn (Monthly)												
50/86	27.6	51.4	145.8	297.6	510.8	715.7	830.4	787.3	578.2	337.3	134.7	42.2
Growing Degree Units (Accumulated Monthly)												
40	36	108	342	840	1648	2693	3892	5039	5922	6475	6704	6773
45	14	48	192	553	1206	2101	3145	4137	4870	5275	5412	5443
50	5	19	99	339	838	1583	2473	3309	3893	4166	4236	4249
55	2	6	47	188	540	1135	1870	2551	2988	3151	3181	3185
60	0	2	19	91	311	757	1337	1864	2160	2243	2252	2253
Growing Degree Units for Corn (Monthly Accumulated)												
50/86	28	79	225	522	1033	1749	2579	3367	3945	4282	4417	4459

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

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