

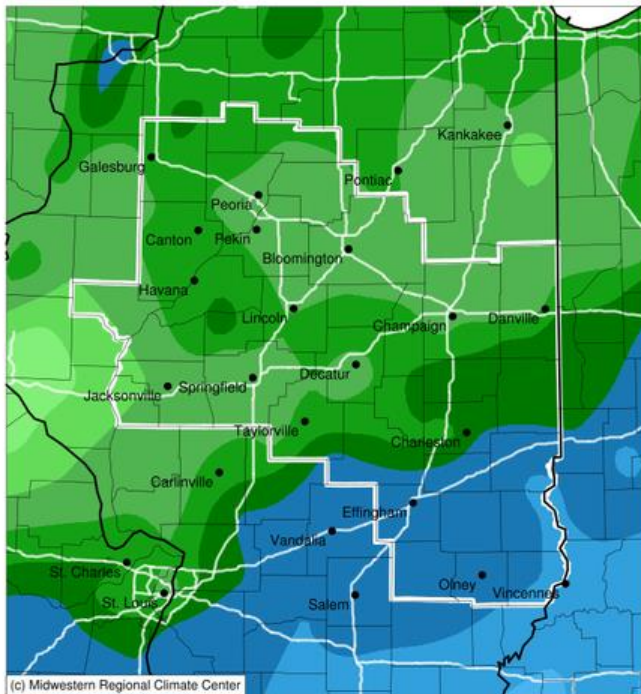


January 2023 Climate Summary

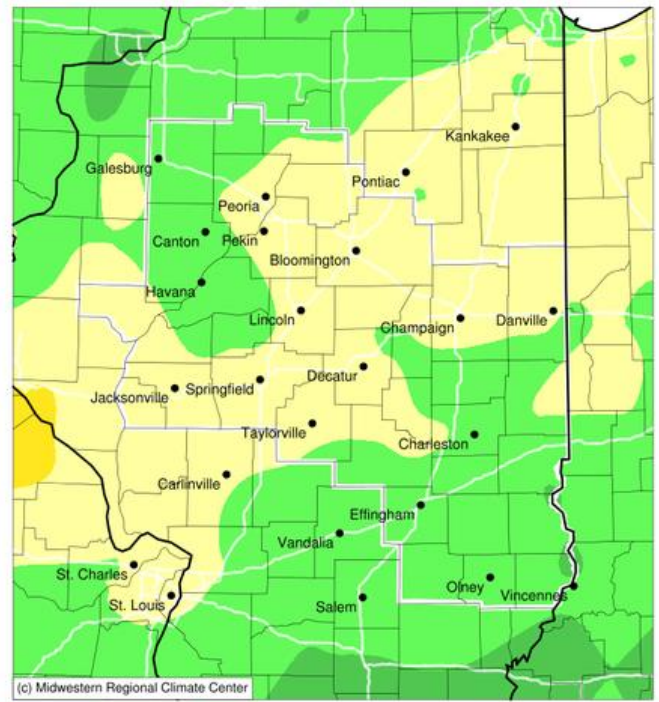
January 2023 Precipitation Highlights:

- Monthly rainfall was generally near or just below normal across central IL, though slightly above normal south of a Taylorville to Paris line, and northwest of the IL river over Fulton, Knox and Stark counties. Normal and Decatur were just over a half inch below normal while Effingham was around three quarter inch above normal.
- Severe thunderstorms produced 8 tornadoes in central Illinois on January 3 (9 counting one in “northeast” Illinois). This was the largest January tornado outbreak in Illinois (records going back to 1950). Tornadoes were rated as EF-0 and EF-1, and touched down in Sangamon, Logan, Macon, and McLean, and Ford Counties. Hail was also observed with these storms, as large as 1.5 inch diameter at Farmer City. See https://www.weather.gov/ilx/central_IL_Tors_Jan2023 for more information.
- The heaviest precipitation of the month took place on January 18 into the early morning of January 19, and produced rainfall amounts ranging 0.75 to 1.25 inches, with higher amounts around 1.5 inches or more south of I-70. This helped to alleviate drought conditions over east central and southeast IL.

Accumulated Precipitation (in)
January 01, 2023 to January 31, 2023



Accumulated Precipitation (in): Departure from 1991-2020 Normals
January 01, 2023 to January 31, 2023



0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment



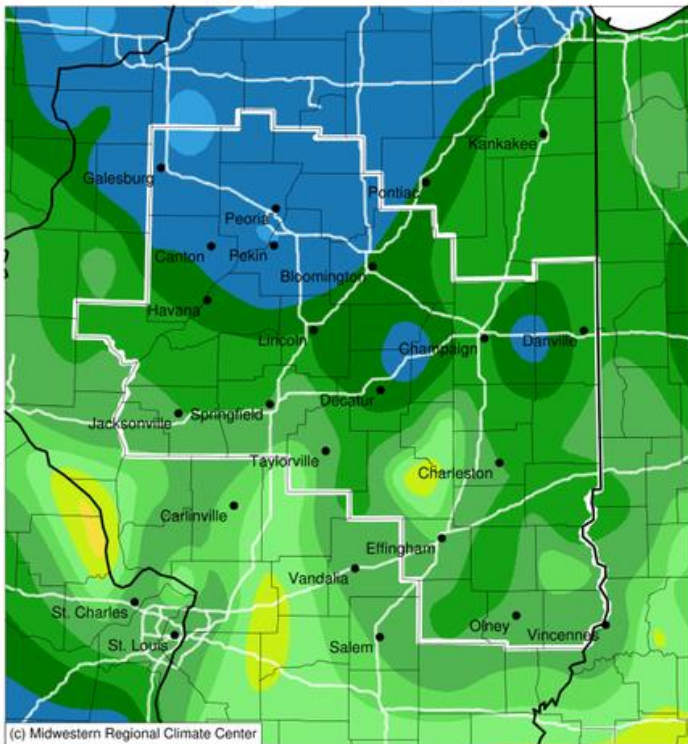
-1 0 1 2 3 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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January 2023 Snowfall Highlights:

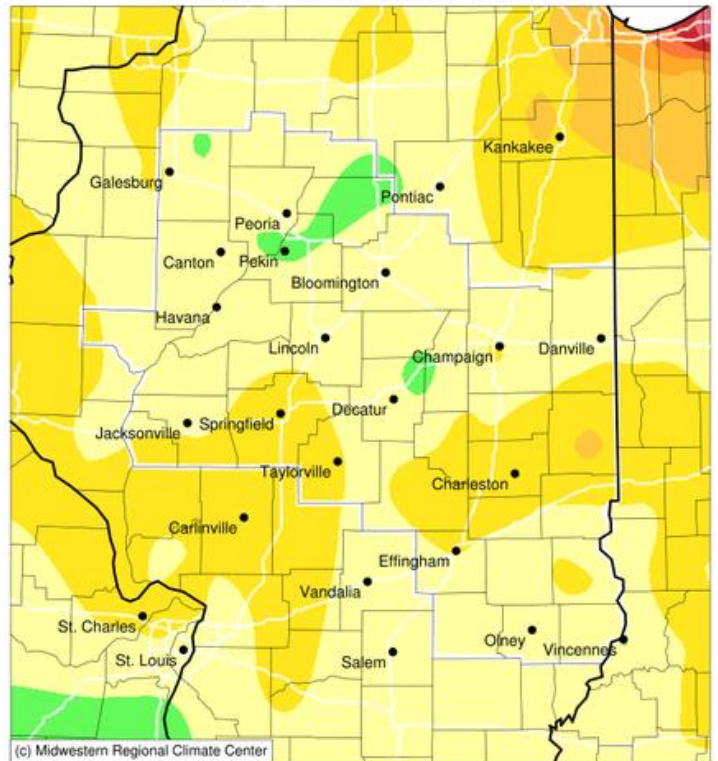
- Monthly average snowfall ranged from 2 to 5 inches below normal across central and southeast IL with Paris nearly 6 inches below normal. Peoria was the exception averaging near 1 inch above normal. The heaviest snowfall during the month occurred on January 25th with 3 to 6 inches for most areas northwest of the Illinois River, while areas to the southeast generally saw 1 to 3 inches as temperatures stayed just warm enough to keep much of the precipitation as rain. This included a daily record snowfall for Peoria of 5.3 inches on Jan 25th, breaking the old record of 4.8 inches set in 1990.

Accumulated Snowfall (in)
January 01, 2023 to January 31, 2023



0.01 0.1 0.5 1 1.5 2 3 4 5 7.5 10 12.5 15
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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Accumulated Snowfall (in): Departure from 1991-2020 Normals
January 01, 2023 to January 31, 2023



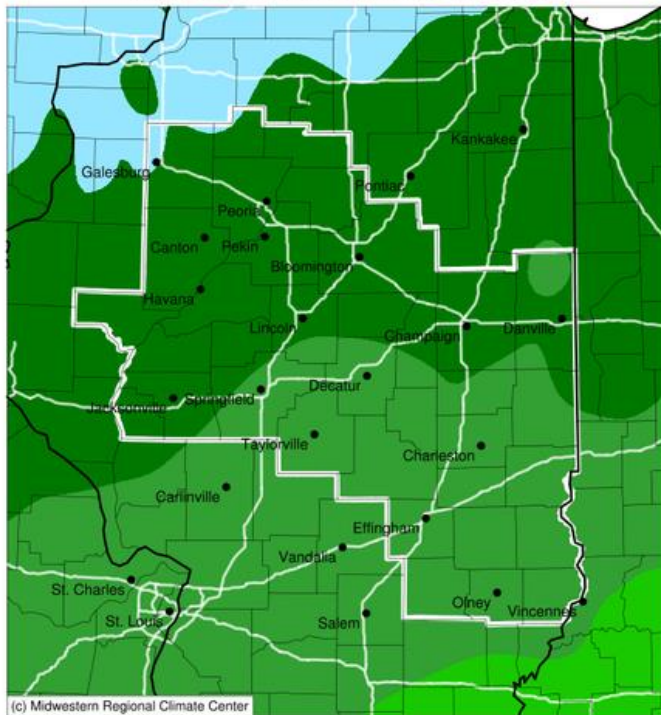
-17.5 -15 -12.5 -10 -7.5 -5 -2.5 0 2.5
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center
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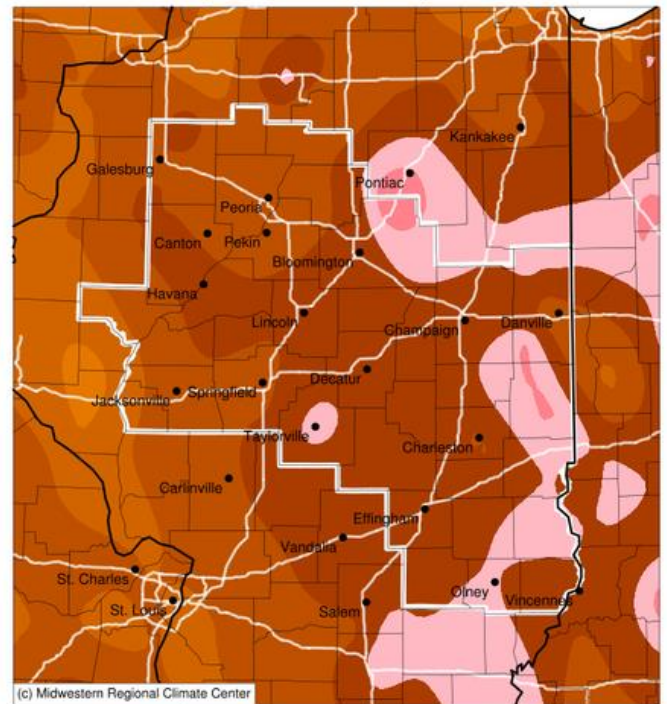
January 2023 Temperature Highlights:

- Monthly average temperatures were 7 to 9 degrees above normal across central and southeast Illinois. Paris was 10 degrees above normal. Lincoln had its 5th warmest January, Peoria was tied for 6th warmest January and Springfield was 9th warmest January on record.
- Temperatures were generally above normal every day in January except Jan 26 and 30-31st. Temperatures were unseasonably mild until January 20, then temperatures cooled to near and below normal, including the coldest temperatures of the month on the 31st. Jan 3rd was the warmest day with record highs in the mid to upper 60s set, and this warmth combined with higher humidity and wind shear gave 8 tornadoes in central IL late that Tuesday afternoon. Jan 30-31st was the coldest part of the month with lows in the single digits north of I-70, and single digits below zero north of Peoria where there was a 1-3 inch snow cover. Altona in northern Knox county reached 8 below zero around 6 am on Tuesday morning Jan 30th.
- Daily record highs were set at Peoria (65), Lincoln (66), and Springfield (67) on January 3rd.

Average Temperature (°F)
January 01, 2023 to January 31, 2023



Average Temperature (°F): Departure from 1991-2020 Normals
January 01, 2023 to January 31, 2023



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwestern Regional Climate Center cli-MATE: MRCC Application Tools Environment

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Climate Statistics for January:

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal	Snowfall (inches)	Departure from Normal
Charleston	2.81	0.27	37.3	8.0	3.0	-5.1
Danville	2.31	-0.16	34.8	7.4	2.0	-4.5
Decatur	1.81	-0.59	35.0	8.1	NA	#VALUE!
Effingham	3.71	0.78	NA	#VALUE!	1.7	-3.6
Galesburg	2.00	0.31	29.4	7.5	6.0	-3.0
Jacksonville	1.49	-0.44	34.6	7.5	3.1	-2.0
Lincoln	1.91	-0.26	34.7	8.6	3.9	-1.8
Normal	1.85	-0.58	32.5	8.0	4.9	-2.6
Olney	3.62	0.10	38.5	9.2	2.5	-1.1
Paris	2.67	-0.14	35.5	10.2	2.8	-5.8
Peoria	1.71	-0.35	33.0	7.4	8.6	0.9
Springfield	1.81	-0.22	35.1	7.2	3.3	-3.4
Taylorville	2.12	-0.38	33.6	N/A	2.5	N/A
Urbana	2.05	-0.26	33.8	8.1	3.3	-3.2

The following links are the monthly climate summaries for area cities. Only the summaries for Peoria, Springfield, and Lincoln are considered "official", meaning they are the station of record for their respective locations. The other summaries are "supplemental", meaning another location in the area is the official climate station for the city.

[Peoria](#) -- Peoria International Airport

[Springfield](#) -- Abraham Lincoln Capital Airport

[Lincoln](#) -- National Weather Service Office

[Champaign](#) -- University of Illinois-Willard Airport

[Decatur](#) -- Decatur Airport

[Lawrenceville](#) -- Lawrenceville-Vincennes International Airport

[Mattoon](#) -- Coles County Memorial Airport

Climate data for other cities is available at <http://w2.weather.gov/climate/xmacis.php?wfo=ilx>



February 2023 Look Ahead:

- Official outlooks from NOAA's Climate Prediction Center (CPC) show above normal temperatures and above normal precipitation favored over central Illinois for February.

