

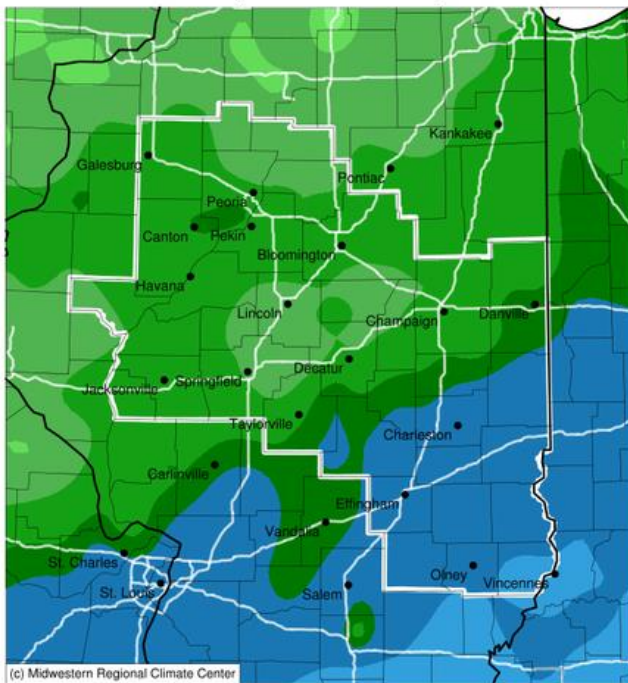


March 2023 Climate Summary

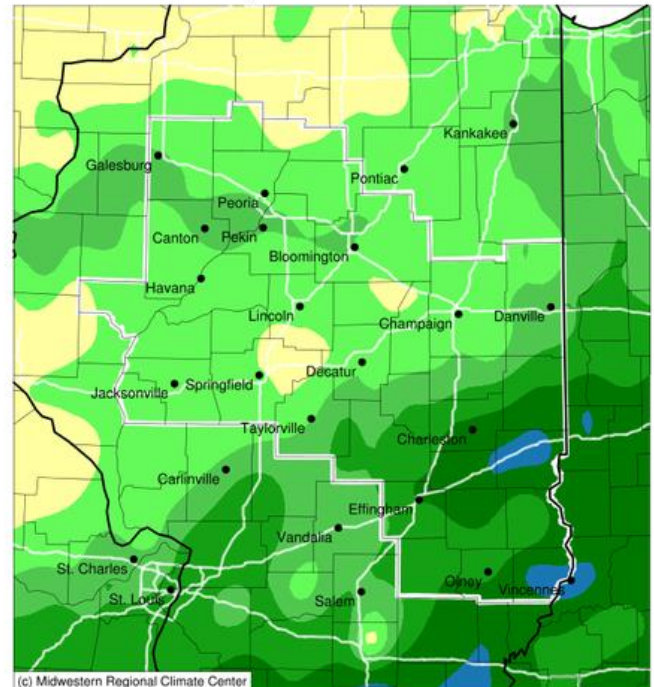
March 2023 Precipitation Highlights:

- Monthly rainfall was above normal across nearly all of central Illinois, as much as 3 to 5 inches near and south of I-70, where 5 to 7.5 inches of rainfall was common. Areas near and north of I-72 saw generally 2 to 4 inches, which was generally only up to an inch above normal.
- Storm systems passed through the area regularly during March, in fact a significant storm system affected the area Thursday or Friday of each week.
- The storm system Friday March 31 produced 8 tornadoes, including a deadly EF-3 that tracked through Robinson. Severe damage also occurred with an EF-2 that tracked through Sherman. Numerous high wind and large hail events also accompanied this storm. See https://www.weather.gov/ilx/TornadoEvent_3-31-23 for a summary of this event.
- Heavy rain March 21-24 produced up to 4.33 inches near Olney.
- In addition to rainfall up to 1.98 inches (Olney) March 3, widespread northeast winds gusted as high as 72 mph (Coles County Airport), producing scattered wind damage in much of central IL.

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



Accumulated Precipitation (in): Departure from 1991-2020 Normals
March 01, 2023 to March 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, Missouri FSA, Missouri Mesonet, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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-1 0 1 2 3 4 5 6 7

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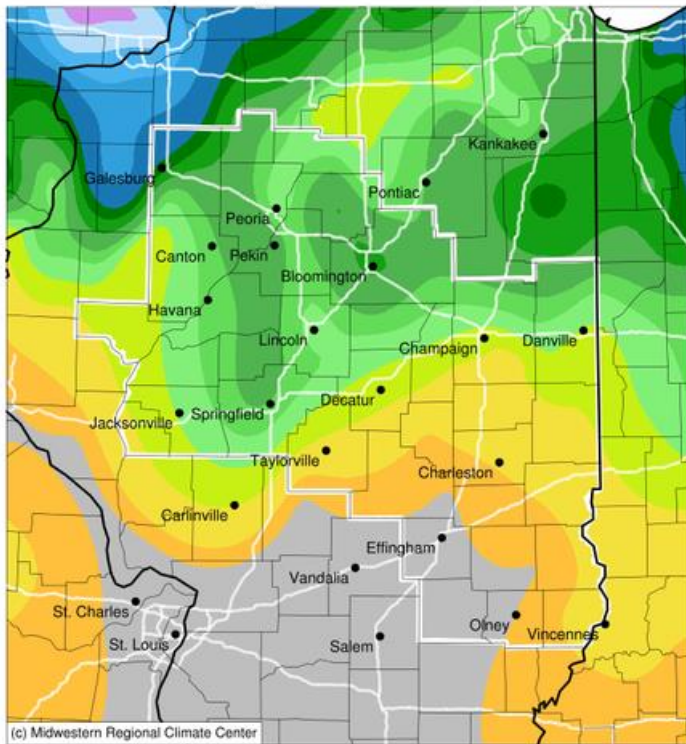


March 2023 Snowfall Highlights:

- Monthly snowfall ranged up to 5.5 inches (Altona), which was slightly above normal, but most areas saw below normal snowfall for the month, with most areas south of I-72 seeing 0" to a Trace. Snowfall normals in March range from about 1 to 3 inches in central and southeast Illinois.

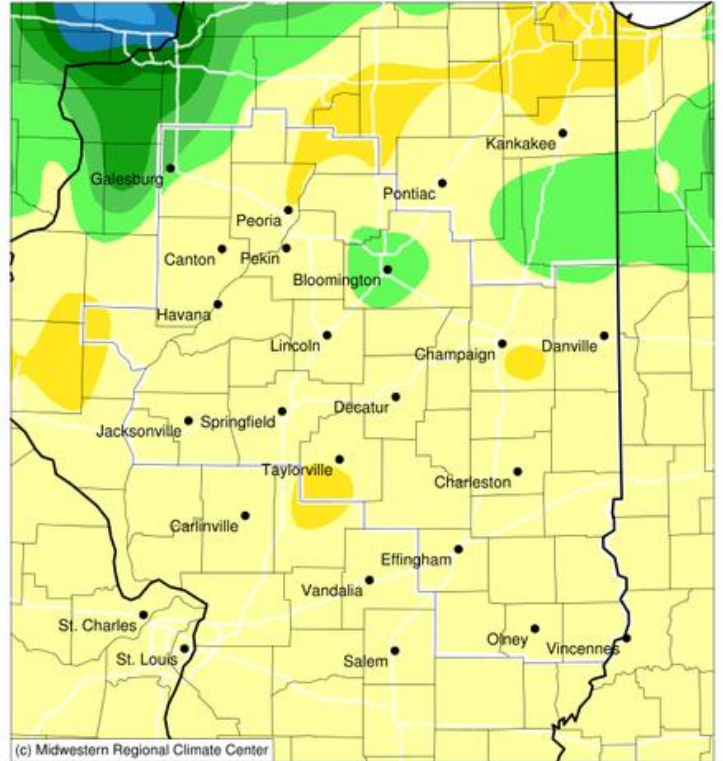
Accumulated Snowfall (in)

March 01, 2023 to March 31, 2023



Accumulated Snowfall (in): Departure from 1991-2020 Normals

March 01, 2023 to March 31, 2023



0.01 0.1 0.5 1 1.5 2 3 4 5 7.5 10 12.5 15
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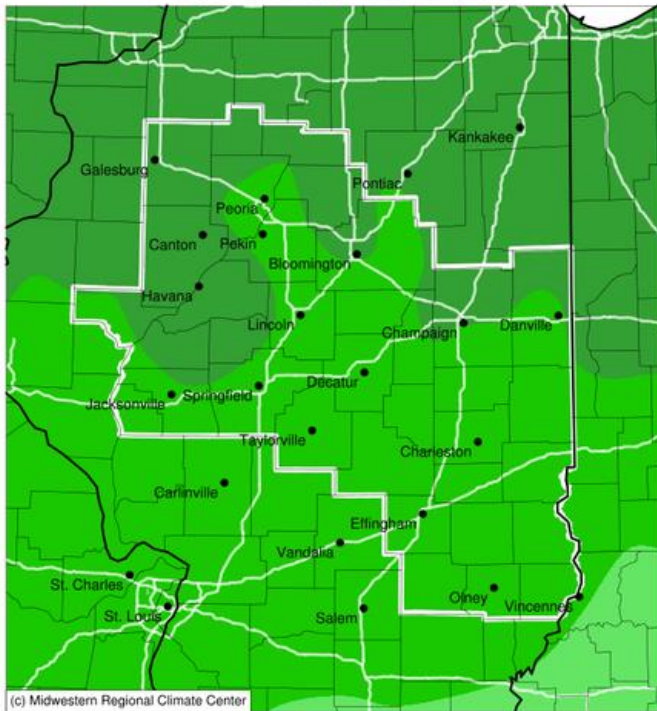
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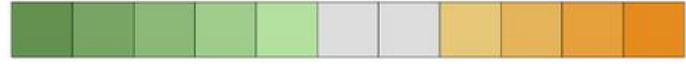
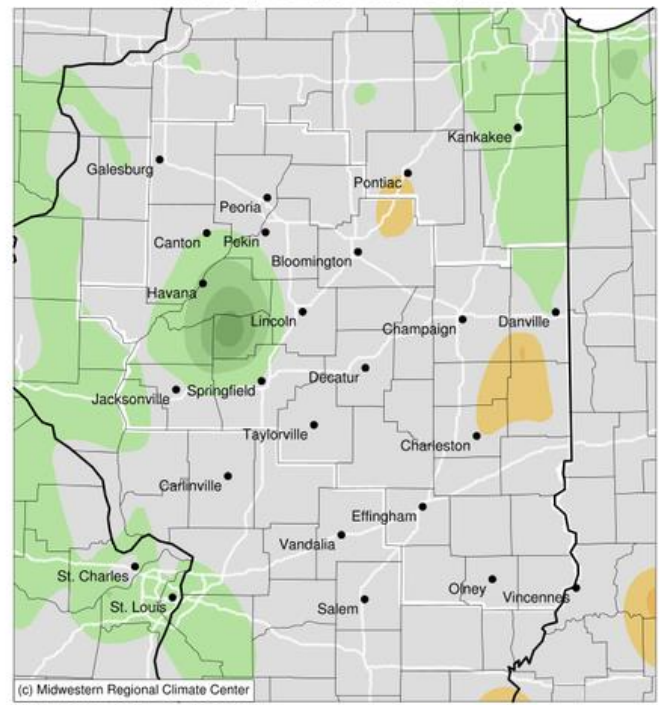
March 2023 Temperature Highlights:

- Most monthly average temperatures were slightly below normal, with departures generally between normal and 1 degree below normal.
- There were, however, some significant temperature swings during the month:
 - Highs ranged from the 70s March 31 before severe weather set in.
 - Lows ranged down to the teens March 18, with wind chills below zero (as low as -13 in Broadwell).

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



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

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal	Snowfall (inches)	Departure from Normal
Charleston	6.70	3.59	45.7	1.7	0.1	-1.2
Danville	5.07	1.84	41.2	-0.9	1.0	-1.0
Decatur	4.30	1.66	42.2	0.4	0.0	-0.9
Effingham	6.49	3.19	N/A	N/A	0.0	-1.5
Galesburg	3.64	1.25	37.1	-0.9	4.2	1.9
Jacksonville	3.13	0.32	40.6	-0.6	0.0	-2.0
Lincoln	3.25	0.55	41.3	-0.1	1.1	-0.7
Normal	3.67	1.06	38.6	-0.2	4.2	2.0
Olney	7.25	3.04	42.6	-0.3	0.0	-1.1
Paris	6.75	3.75	40.6	1.1	0.3	-1.7
Peoria	4.68	1.99	41.2	-0.2	3.1	-0.2
Springfield	3.46	0.35	42.1	-1.9	2.5	-0.6
Taylorville	3.93	1.16	41.3	N/A	T	N/A
Urbana	3.78	1.01	39.8	-1.0	0.8	-1.7

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>



April 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 March.

