



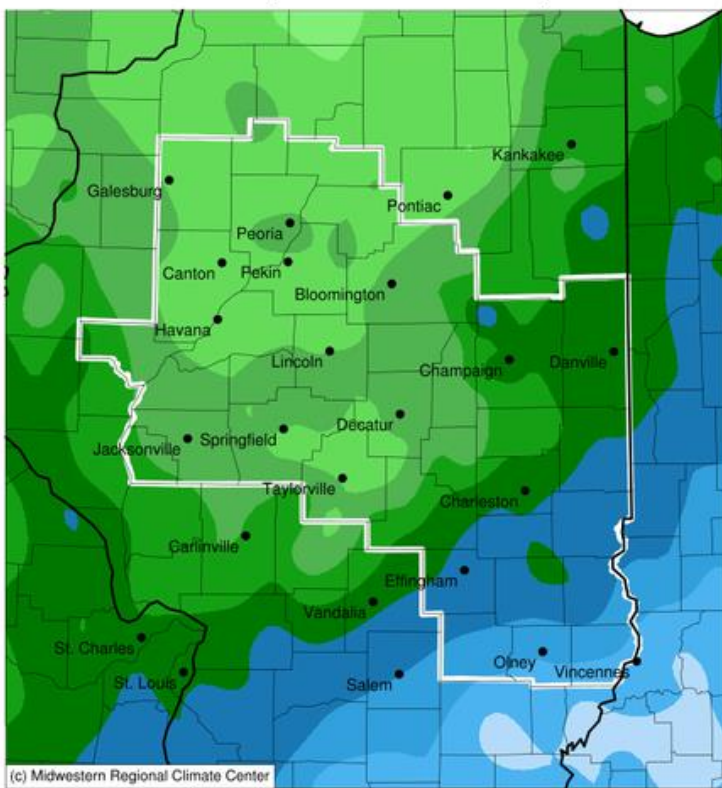
## December 2024 Climate Summary

### December Precipitation Highlights:

- December 2024 featured slightly below normal precipitation across most areas west of I-57 (Champaign to Effingham) and slightly above normal precipitation east of I-57. The above normal precipitation across eastern Illinois resulted in the elimination of lingering moderate drought conditions.
- For areas west of I-57, total precipitation amounts were generally between 1-2", while east of I-57 amounts increased to 2.5-4" (with locally higher amounts in southeast Illinois).
- No severe thunderstorms or flash flooding occurred during December 2024, but strong gradient winds resulted in Peoria setting a December wind gust record of 61 mph on December 4th. Wind speed records date back to 1948.

Accumulated Precipitation (in)

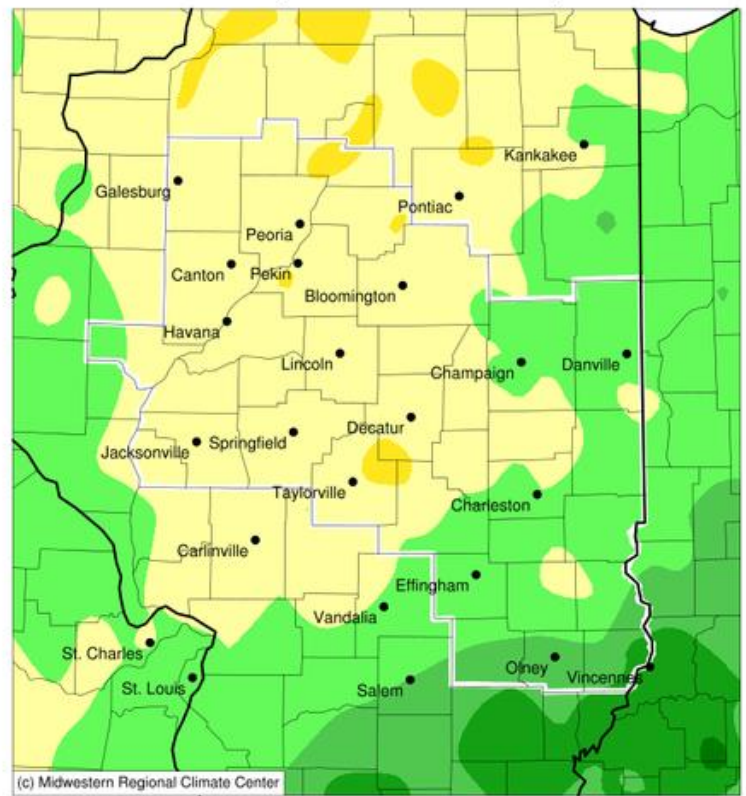
December 01, 2024 to December 31, 2024



(c) Midwestern Regional Climate Center

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

December 01, 2024 to December 31, 2024



(c) Midwestern Regional Climate Center

0.01 0.1 0.25 0.5 1 1.5 2 2.5 3 4 5 6 8

-1 0 1 2 3 4

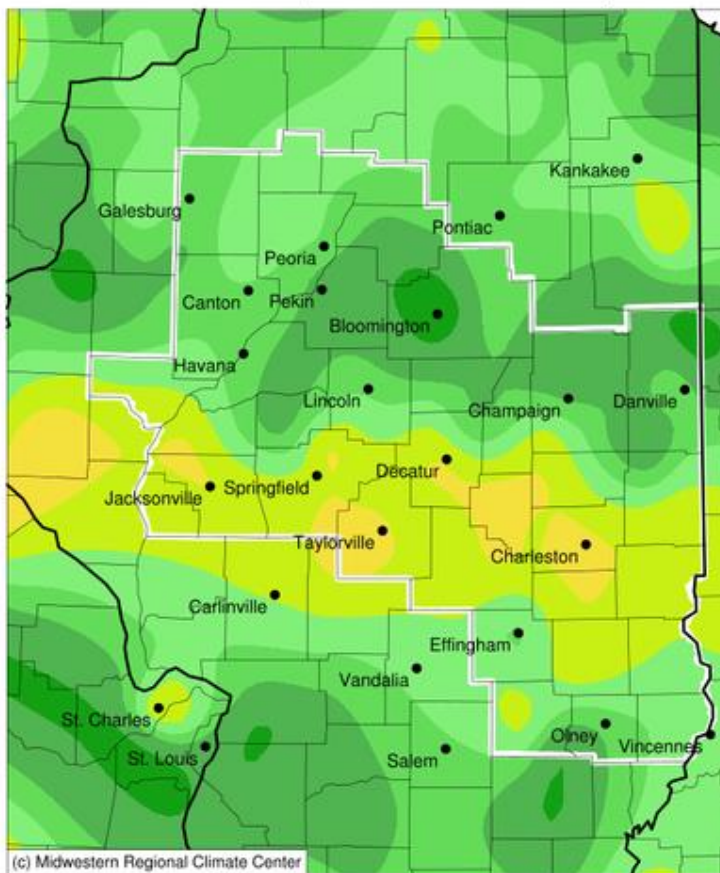


## December Snowfall Highlights:

- December 2024 featured below normal snowfall across all of central and southeast Illinois, with most areas ranging from 2 to 4 inches below normal.
- December 2024 featured a handful of mostly minor snow events, including light snow on December 2nd, scattered snow showers on December 11th, a narrow snow band on December 12th that produced 1” to locally 2” of snow just north of a Havana to Danville line, and a dusting of snow on the morning of December 20th. There was also a light freezing rain event across west-central Illinois on December 14th.
- There was not a “white Christmas” anywhere in the area this year, as temperatures were above freezing leading up to and on Christmas Day.

Accumulated Snowfall (in)

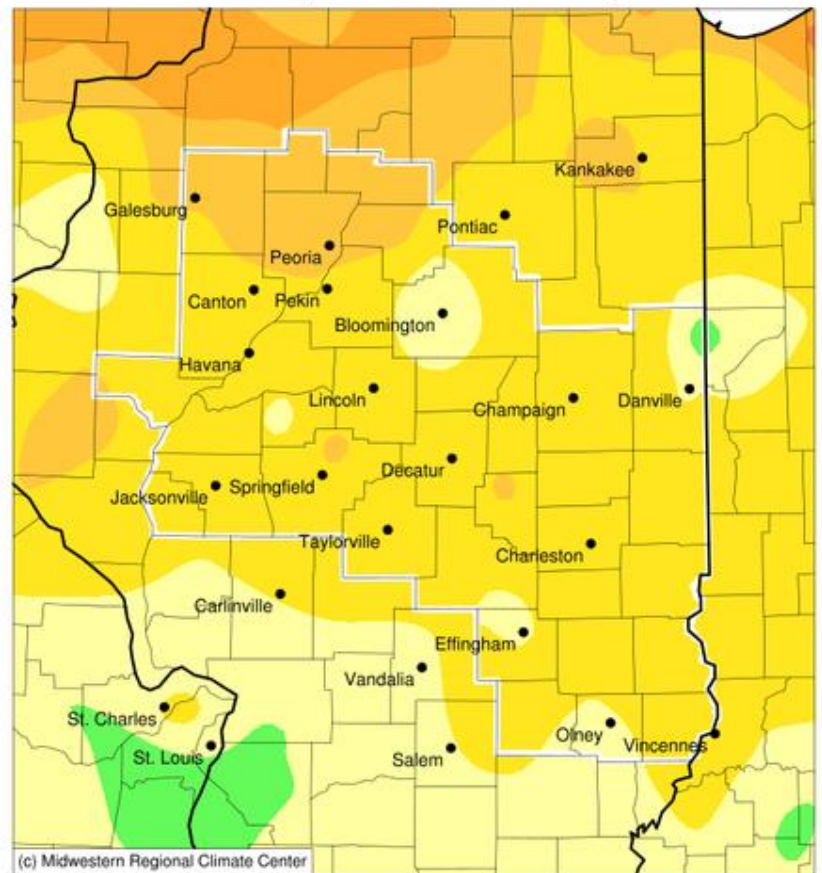
December 01, 2024 to December 31, 2024



(c) Midwestern Regional Climate Center

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

December 01, 2024 to December 31, 2024



(c) Midwestern Regional Climate Center

0.01 0.1 0.5 1 1.5 2 3 4 5 7.5 10 12.5

-8 -6 -4 -2 0

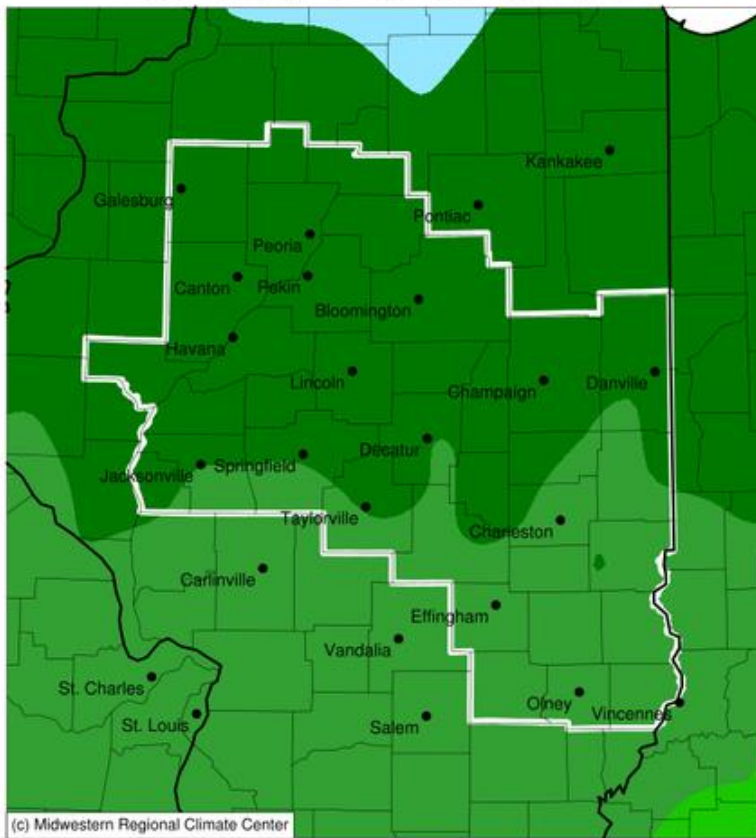


### December Temperature Highlights:

- Temperatures during December 2024 were above normal across central and southeast Illinois. Most areas were 2-3 degrees (°F) warmer than normal, but some areas were as much as 3-5 degrees warmer than normal.
- Temperatures were highly variable throughout the first part of the month, including high temperatures in the 50s and 60s December 7th-9th, followed shortly thereafter by low temperatures in the single digits on December 12th. The final week of the month was mild with above normal temperatures, including highs in the 40s and 50s.
- A record warm low temperature was set at Peoria (47°) and Springfield (45°) on December 27th.

Average Temperature (°F)

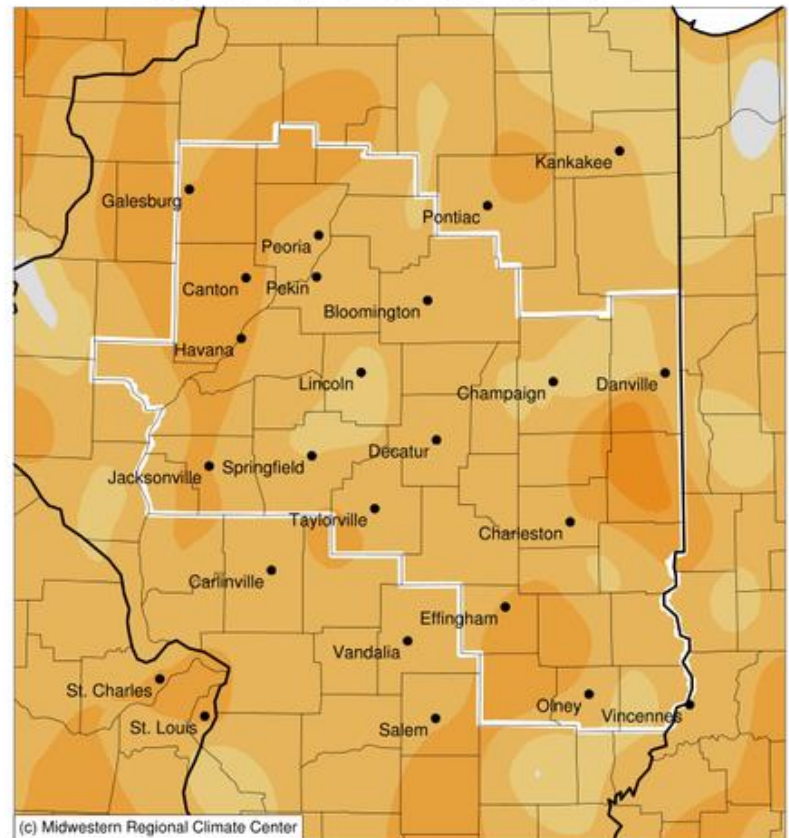
December 01, 2024 to December 31, 2024



(c) Midwestern Regional Climate Center

Average Temperature (°F): Departure from 1991-2020 Normals

December 01, 2024 to December 31, 2024



(c) Midwestern Regional Climate Center

20 25 30 35 40 45

0 1 2 3 4 5 6



## Climate Statistics for December 2024:

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal	Snowfall (inches)	Departure from Normal
Charleston	2.83	0.04	37.4	3.1	0.3	-2.7
Danville	3.32	0.59	34.5	2.1	1.0	-2.0
Decatur	2.72	0.32	34.1	2.3	0.2	-3.3
Effingham	3.37	0.60	N/A	N/A	1.9	-0.5
Galesburg	1.64	-0.50	30.4	2.6	T	-5.9
Jacksonville	1.90	-0.08	35.1	2.9	0.3	-3.2
Lincoln	2.04	-0.25	32.9	1.8	1.6	-3.3
Normal	2.32	0.02	32.0	2.2	3.9	0.3
Olney	5.39	1.89	36.6	2.6	2.0	-0.7
Paris	3.30	0.45	35.3	4.7	0.5	-3.5
Peoria	2.49	0.28	33.7	2.8	1.9	-4.3
Springfield	1.99	-0.16	34.6	1.7	1.4	-2.9
Taylorville	1.97	-0.25	34.8	N/A	0.3	N/A
Urbana	3.23	0.83	33.3	2.2	2.8	-2.0

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>



### January Look Ahead:

- Official outlooks from NOAA's Climate Prediction center show below normal temperatures favored for the area. There are equal chances for above or below normal precipitation during the month.

