

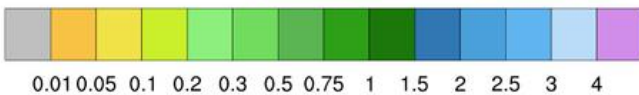
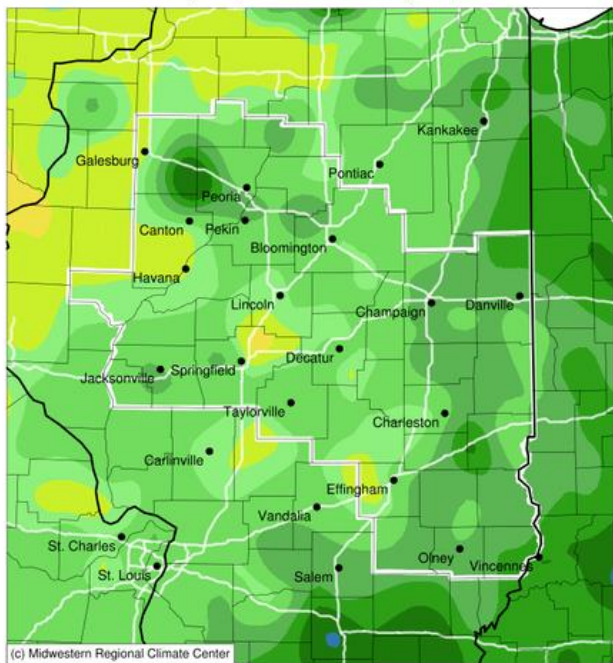


# February 2024 Climate Summary

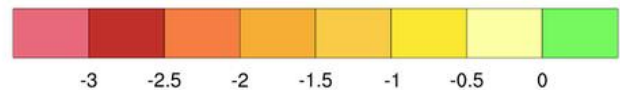
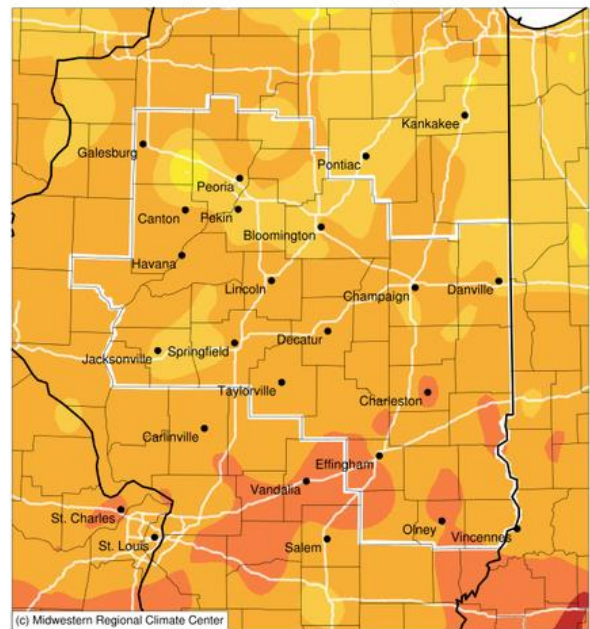
## February 2024 Precipitation Highlights:

- Precipitation was well below normal across central and southeast Illinois and much drier than December and January. The area averaged 1.5 to 2 inches below normal for precipitation with Charleston near 2.5 inches below normal. The dry and mild conditions gave an early season red flag warning from I-55 west on Monday Feb 26<sup>th</sup>.
- This was the 5<sup>th</sup> driest February in Lincoln with 0.31 inches of precipitation, and tied for the 6<sup>th</sup> driest February in Springfield with 0.51 inches of precipitation.

Accumulated Precipitation (in)  
February 01, 2024 to February 29, 2024



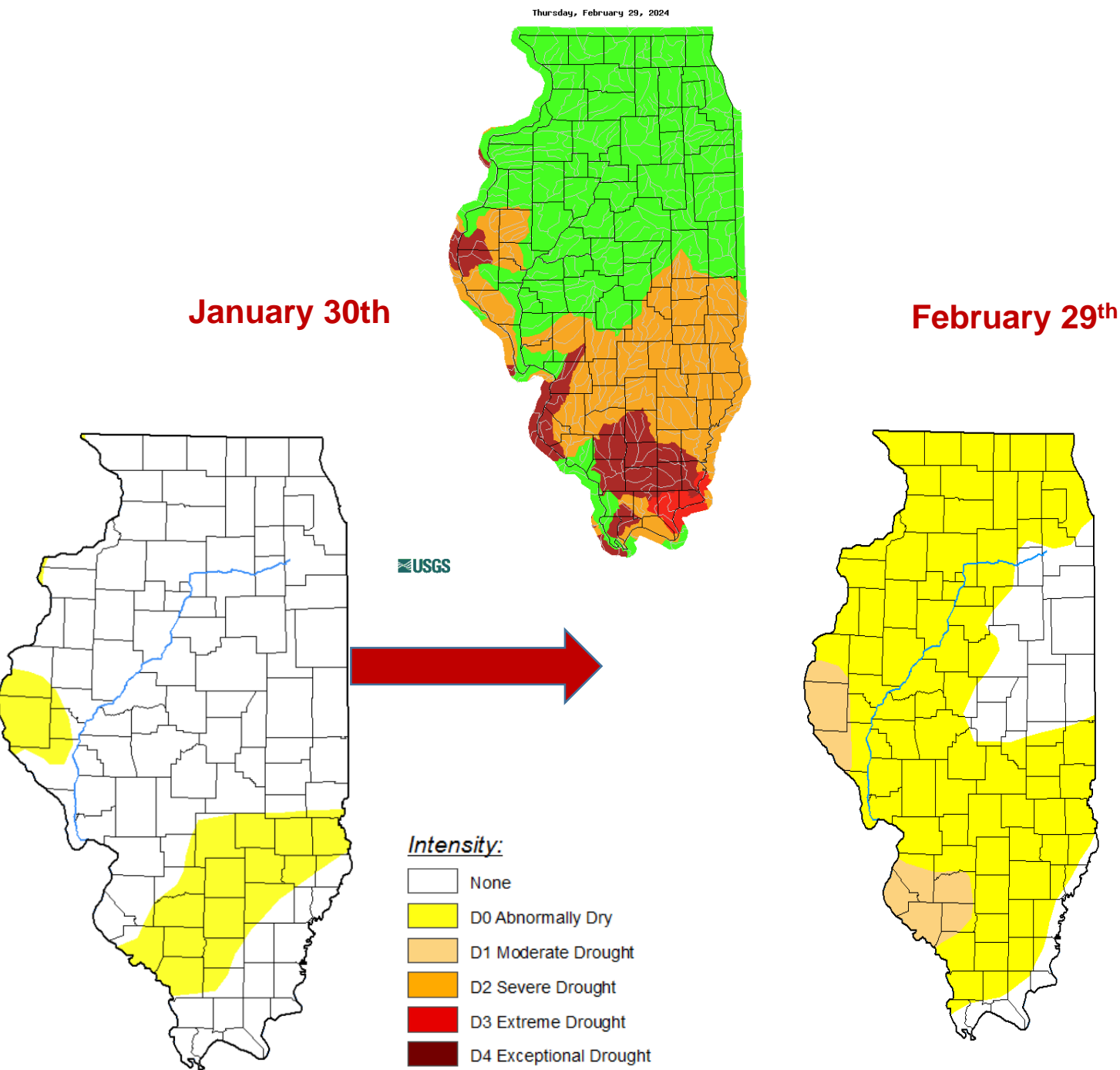
Accumulated Precipitation (in): Departure from 1991-2020 Normals  
February 01, 2024 to February 29, 2024





## February 29 2024 Drought Update:

- The following contains information on the drought conditions across central Illinois as of the end of February 2024.
- **Intensity:** Moderate drought conditions returned by months end to portions of west central and southwest IL near the Mississippi river valley. Much of the state was abnormally dry on Feb 29<sup>th</sup> except for portions of east central IL. Below is a 7 day average streamflow map of IL ending on Feb 29 and showing the lower streamflow south of I-72 and west of Rushville.
- Please continue to report drought conditions (including improvements) in your area via: [Condition Monitoring Reports](#)

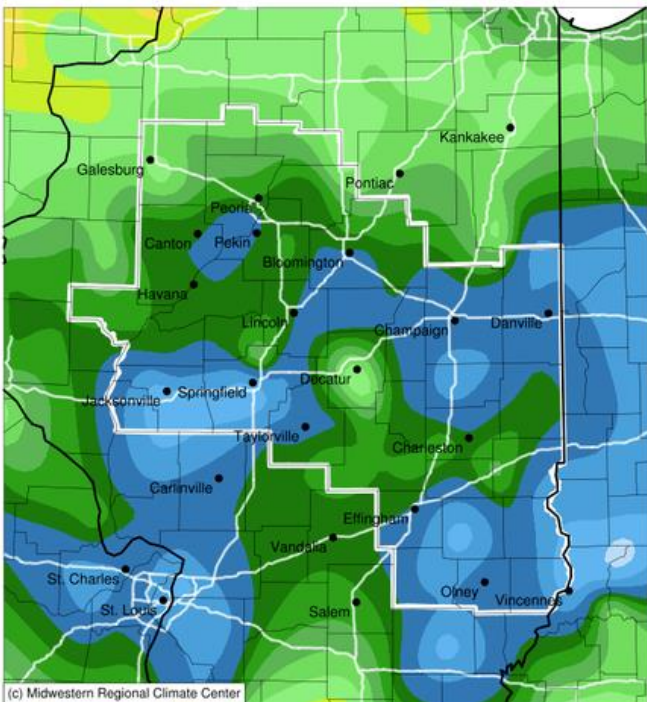




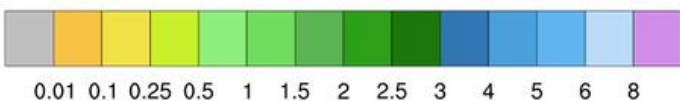
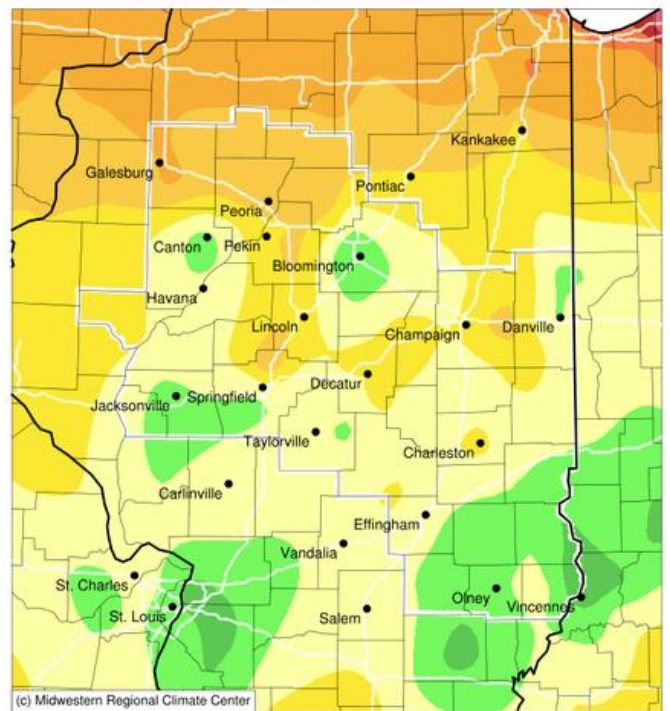
### February 2024 Snowfall Highlights:

- Central and southeastern Illinois had a 3-6 inch snowfall on Friday Feb 16 with little snow during the rest of the month. A winter weather advisory was in effect for much of central and southeast IL on Friday Feb 16. Overall the area was 1-3 inches below normal for snowfall in February.

Accumulated Snowfall (in)  
February 01, 2024 to February 29, 2024



Accumulated Snowfall (in): Departure from 1991-2020 Normals  
February 01, 2024 to February 29, 2024

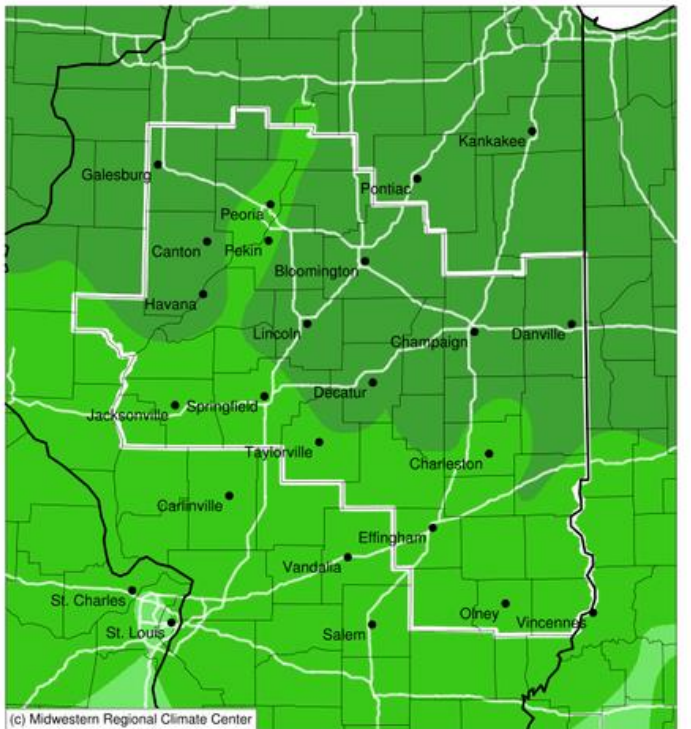




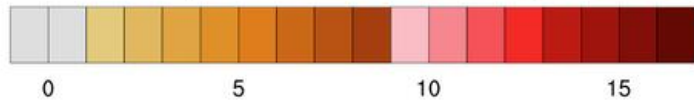
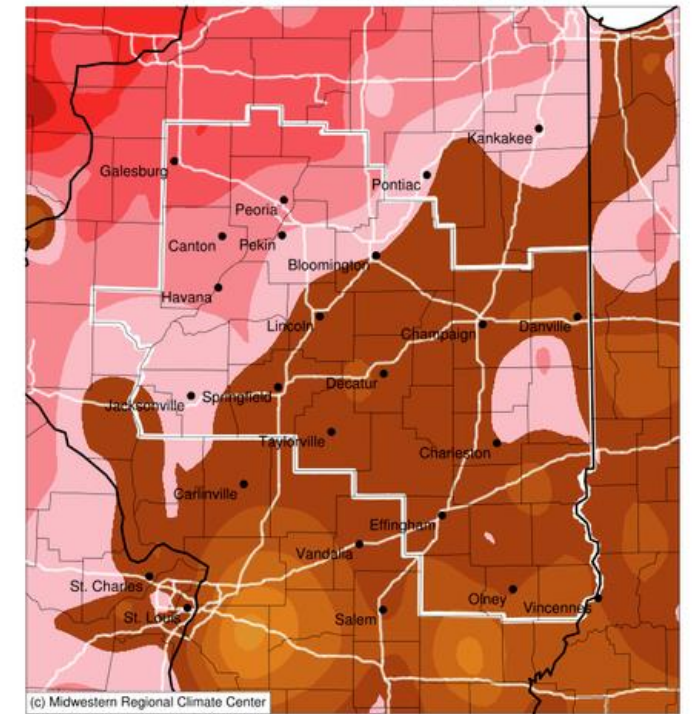
### February 2024 Temperature Highlights:

- Temperatures were well above normal in February over central and southeast IL, ranging from 8 to 11 degrees above normal, with areas northwest of the IL river being the highest above normal. Peoria tied 2017 for the warmest February on record with a mean temperature of 40.5 degrees. Springfield was the 3<sup>rd</sup> warmest February with a mean temperature of 40.6 degrees. Lincoln had its 5<sup>th</sup> warmest February with a mean temperature of 39 degrees. Feb 26-27 set numerous record high temperatures in the mid 70 to near 80 degrees. Springfield reached 80, Peoria and Lincoln reached 78 on Feb 27 all setting warmest February and meteorological winter (Dec-Feb) day temperature. Feb 17 was the coldest day of the month with highs well below freezing and lows in the single digits over central IL.

**Average Temperature (°F)**  
February 01, 2024 to February 29, 2024



**Average Temperature (°F): Departure from 1991-2020 Normals**  
February 01, 2024 to February 29, 2024





**Climate Statistics for Feb 2024:**

Site	Precipitation (inches)	Departure from Normal	Temperature (F)	Departure from Normal	Snowfall (inches)	Departure from Normal
Charleston	0.21	-2.48	43.9	10.0	3.0	-2.5
Danville	0.55	-1.69	39.3	7.6	3.7	0.9
Decatur	0.46	-1.54	39.2	7.9	4.0	1.5
Effingham	0.49	-1.95	N/A	N/A	3.0	-1.6
Galesburg	0.16	-1.71	37.3	11.3	1.0	-5.6
Jacksonville	0.31	-1.41	40.6	9.4	4.0	-0.3
Lincoln	0.31	-1.61	39.0	8.4	3.1	-3.1
Normal	0.41	-1.82	N/A	11.2	3.5	-2.0
Olney	0.63	-1.94	41.3	8.0	3.0	0.4
Paris	0.56	-1.77	38.8	9.5	2.5	-1.1
Peoria	0.62	-1.37	40.5	10.5	3.7	-3.2
Springfield	0.51	-1.42	40.6	8.2	5.3	-0.8
Taylorville	0.55	-1.45	N/A	N/A	3.2	N/A
Urbana	0.64	-1.54	38.4	8.6	3.3	-2.5

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>



### March 2024 Look Ahead:

- Official outlooks from NOAA's Climate Prediction Center show above normal chances (50-60%) for warmer than normal temperatures and equal chances of above or below normal precipitation across central and southeast Illinois in March 2024.

