



# Drought Information Statement for Central and Southeast Illinois

Valid January 18, 2023

Issued By: WFO Lincoln, IL

Contact Information: [nws.lincoln@noaa.gov](mailto:nws.lincoln@noaa.gov)

- This is the last scheduled update until D2 conditions return.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ilx/DroughtInformationStatement> for previous statements.



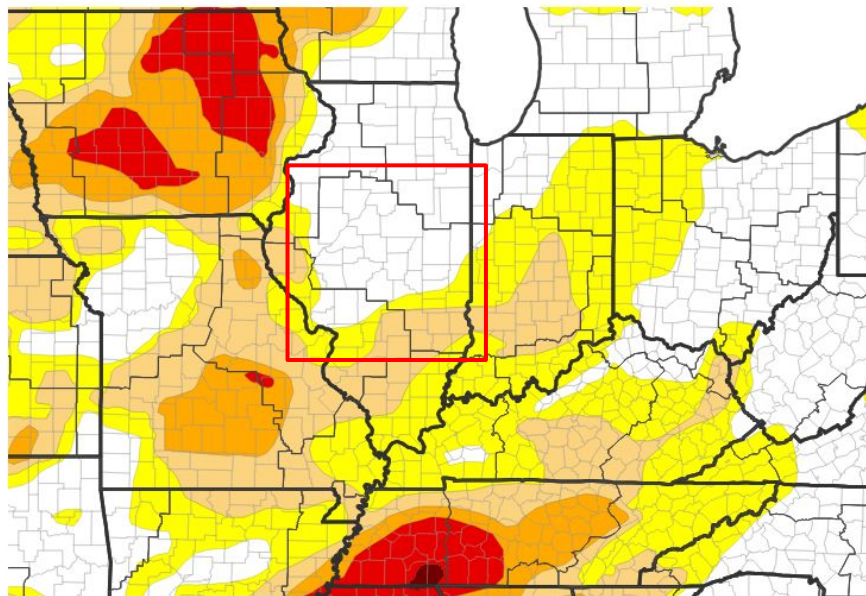


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for central and southeast Illinois

- Drought Intensity and Extent:
  - D1 (Moderate Drought): Affecting Richland, Jasper, Crawford, Clay, and Effingham Counties. Portions of (northern) Lawrence, (southern) Cumberland, and Clark Counties are affected as well.
  - D0 (Abnormally dry): Focused south of a Shelbyville to Danville line in east central Illinois including Shelby, Coles, Edgar, Cumberland, and Clark Counties. Portions of Schuyler and Scott Counties in west central Illinois are included as well.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 01/16/24



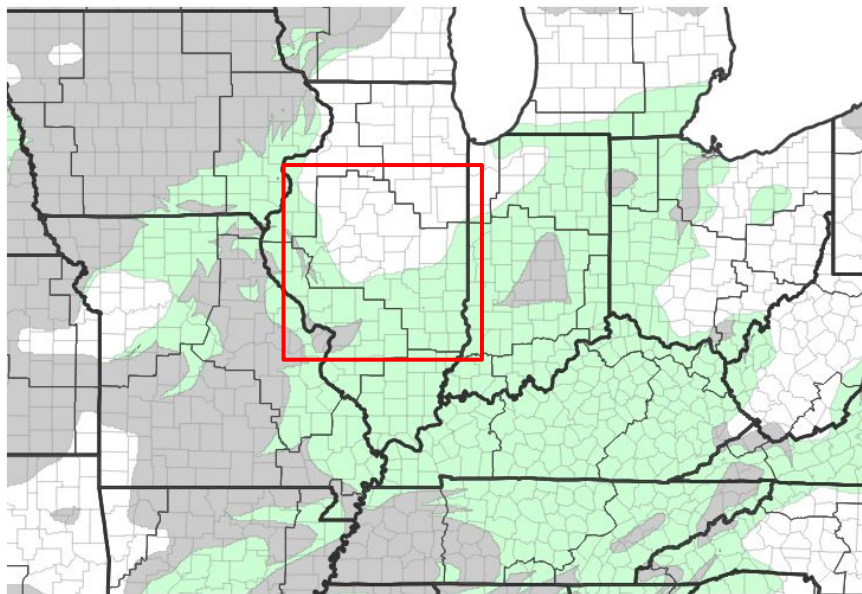


# Recent Change in Drought Intensity

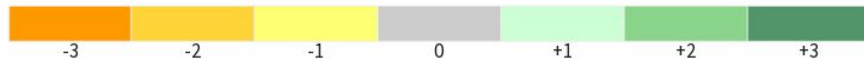
Link to the latest [1-week change map](#) for central and southeast Illinois

- One Week Drought Monitor Class Change.
  - Drought Worsened:
    - None
  - Drought Improved:
    - Virtually everywhere along and south of I-72. Schuyler and Cass Counties improved as well.
  - No Change: Much of central and southeast Illinois remained status quo.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 01/16/24





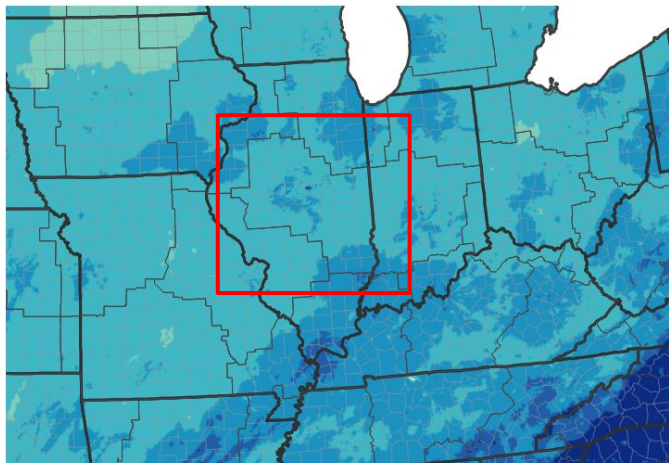


# Precipitation

Last 30 days

- Rainfall over the last 30 days is generally 150-200% of normal across central and southeast Illinois, with most of the area receiving 2-3 inches of rain.

30-Day Precipitation Accumulations (Inches)



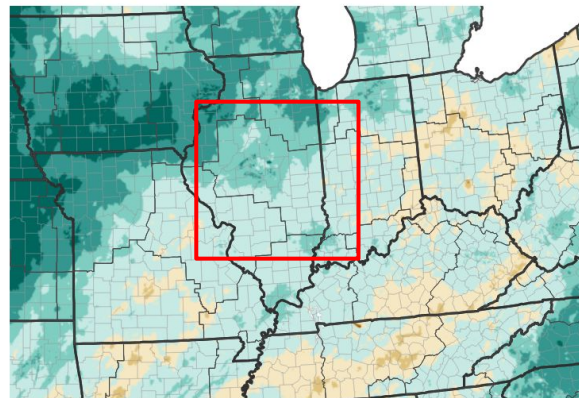
Inches of Precipitation



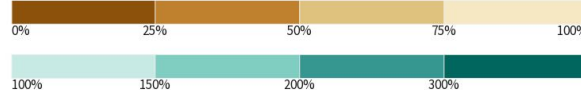
Source(s): National Weather Service Multi-Radar Multi-Sensor System;  
image courtesy of Drought.gov

Last Updated: 01/18/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System;  
image courtesy of Drought.gov

Last Updated: 01/18/24



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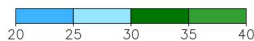
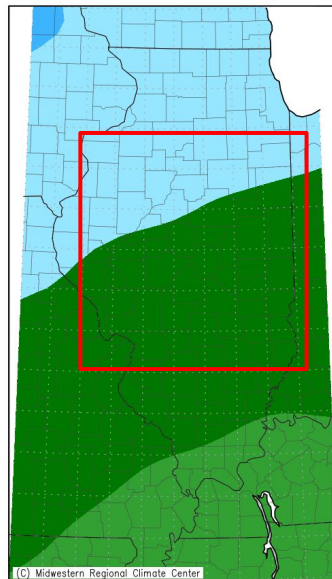
National Weather Service  
Lincoln, Illinois



# Temperature

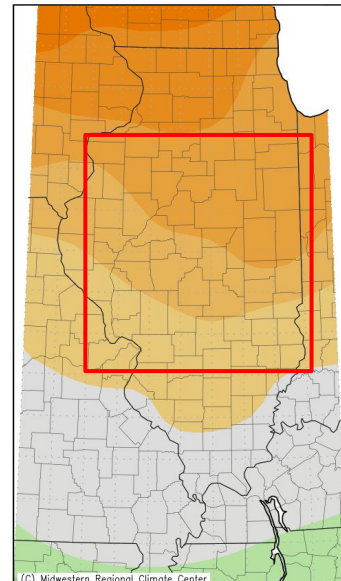
- Despite the cold snap last weekend, temperatures across central Illinois have generally ranged from 2-4 degrees above normal (1-3 degrees above normal in southeast Illinois).

Average Temperature (°F)  
December 19, 2023 to January 17, 2024



Illinois State Climatologist Office, [www.isws.illinois.edu](http://www.isws.illinois.edu)  
Illinois State Water Survey, Prairie Research Institute  
University of Illinois at Urbana-Champaign

Average Temperature (°F): Departure from Mean  
December 19, 2023 to January 17, 2024



Illinois State Climatologist Office, [www.isws.illinois.edu](http://www.isws.illinois.edu)  
Illinois State Water Survey, Prairie Research Institute  
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# Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

## Hydrologic Impacts

- There are no known impacts at this time

## Agricultural Impacts

- There are no known impacts at this time

## Fire Hazard Impacts

- There are no known impacts at this time

## Other Impacts

- There are no known impacts at this time

## Mitigation Actions

- None reported



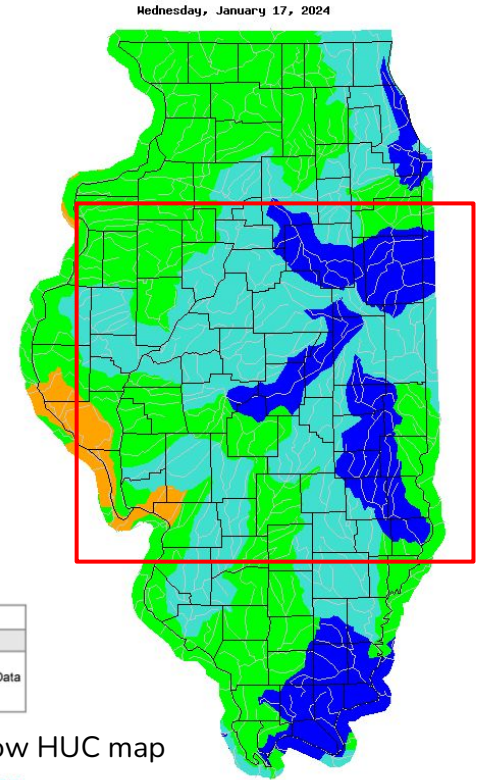


# Hydrologic Conditions and Impacts

- Streamflows have increased to the 76-90th percentile across much of central Illinois, and 25-75th percentile across the remainder of central and portions of southeast Illinois.
- Large water sources continue to have a surplus of water, including Lake Shelbyville which has a water level running around 7 feet above normal.

Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Image Caption: USGS 7 day average streamflow HUC map valid January 17, 2023.

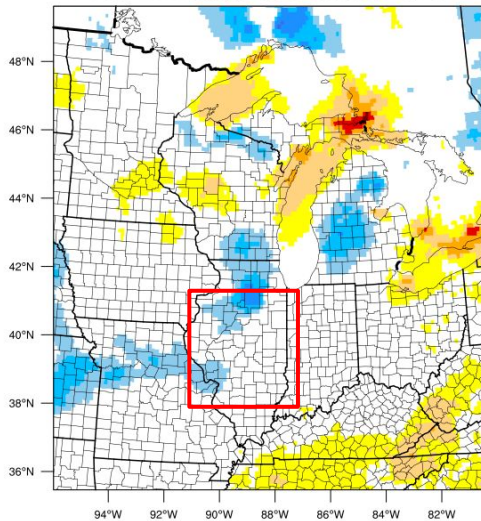




# Agricultural Impacts

- Soil moisture at the 20 cm level is generally in the 20-70th percentile across central Illinois - near to slightly above normal.
- Agricultural impacts are not significant at this time, as crops are harvested or dormant at this time of year

1-week EDDI categories for January 13, 2024



Drought categories



Wetness categories



100% 98% 95% 90% 80% 70% 30% 20% 10% 5% 2% 0%  
(EDDI-percentile category breaks: 100% = driest; 0% = wettest)

Generated by NOAA/ESRL/Physical Sciences Laboratory

Evapotranspiration for 7-day Period: 1/11/2024 - 1/18/2024

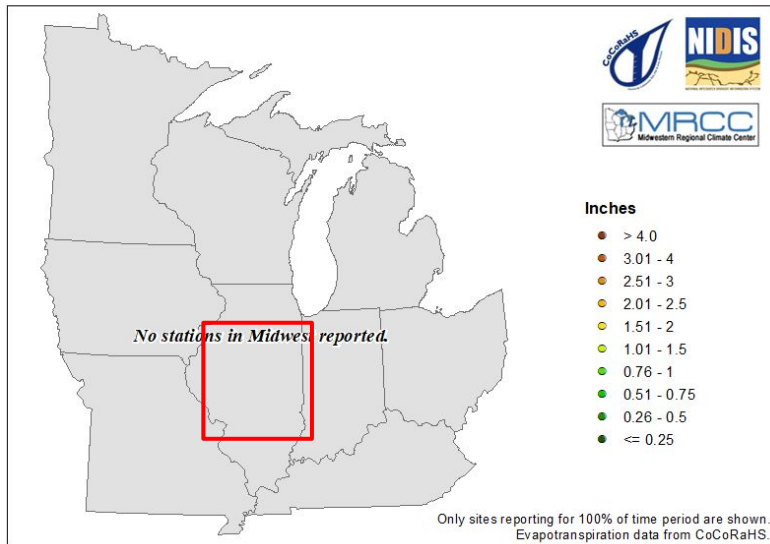


Image Captions:

Left: 1-week Evaporative Demand Drought Index valid January 13, 2023

Right: 7-day Evapotranspiration ending January 17, 2023



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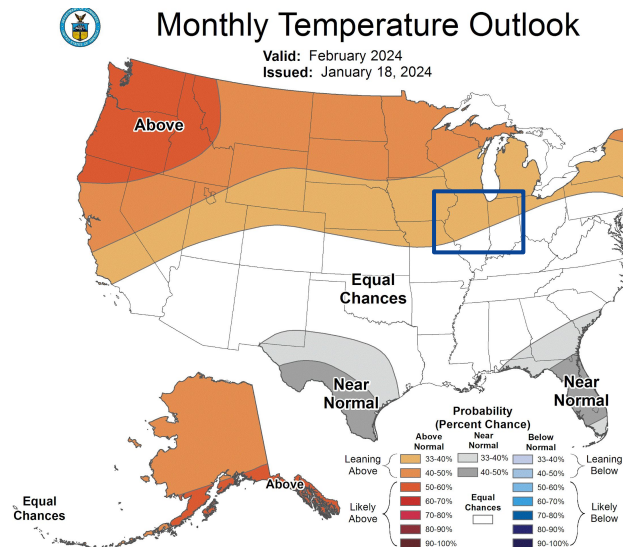




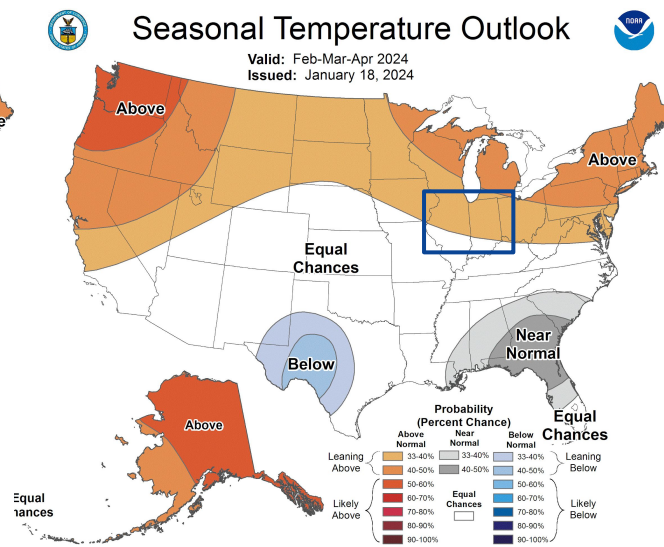
# Long Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](https://cpc.ncep.noaa.gov)

- The ongoing El Niño pattern favors higher odds of precipitation being below normal for February, as well as through the winter.



Monthly outlook (issued 3rd Thursday of month)



Seasonal outlook (issued 3rd Thursday of month)



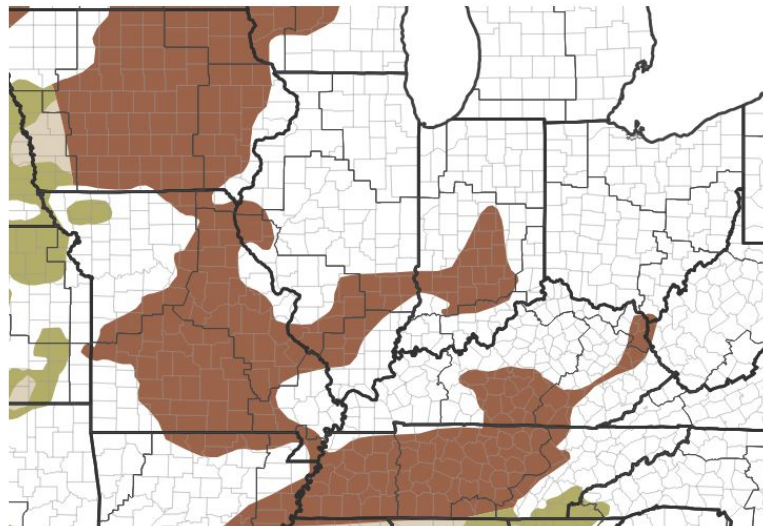


# Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought conditions are likely to persist or develop in much of southeast, east-central, and west-central IL much of the winter.

## Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Data Valid: 01/18/24

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released  
January 18, 2024 valid for January through April

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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