



Drought Information Statement for Central and Southeast Illinois

Valid December 1, 2023

Issued By: WFO Lincoln, IL

Contact Information: nws.lincoln@noaa.gov

- This product will be updated by Dec. 8, 2023 unless conditions improve.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ilx/DroughtInformationStatement> for previous statements.



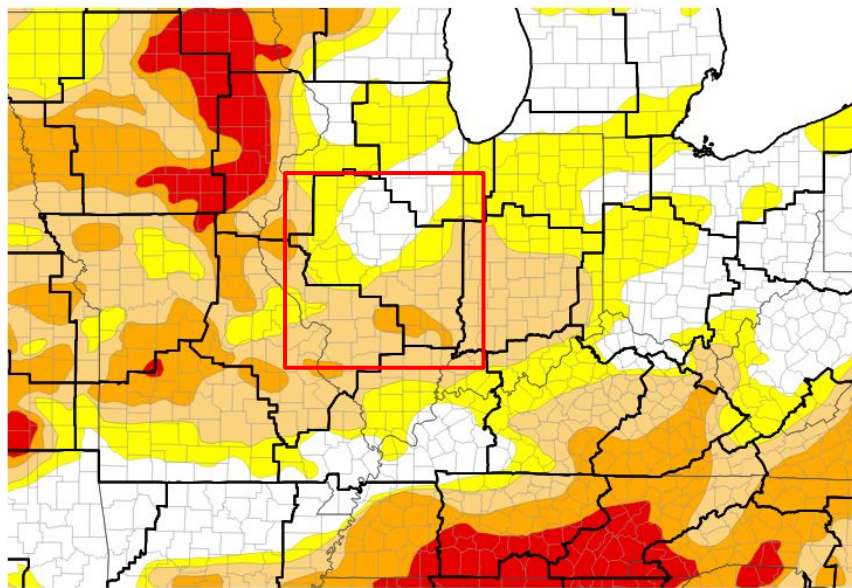


U.S. Drought Monitor

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

- Drought Intensity and Extent:
 - D2: (Severe Drought): Focused on southeast IL including most of Effingham and Jasper Counties and portions of Clay, Richland, Crawford, and Lawrence Counties. Portions of Schuyler County are included as well.
 - D1 (Moderate Drought): Focused mainly over east central Illinois including Christian, Shelby, Moultrie, Douglas, Vermilion, Coles, Edgar, Cumberland, Clark, and Crawford Counties. Portions of Schuyler, Scott, Macon, Clay, Jasper, Richland, and Lawrence Counties are included as well.
- Moderate rainfall around a half inch was noted in southeast and west central IL Nov. 30 - Dec. 1, and additional light rain is possible through the first few days of December. Otherwise several dry days are expected until a more active weather pattern arrives heading into mid December.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/28/23



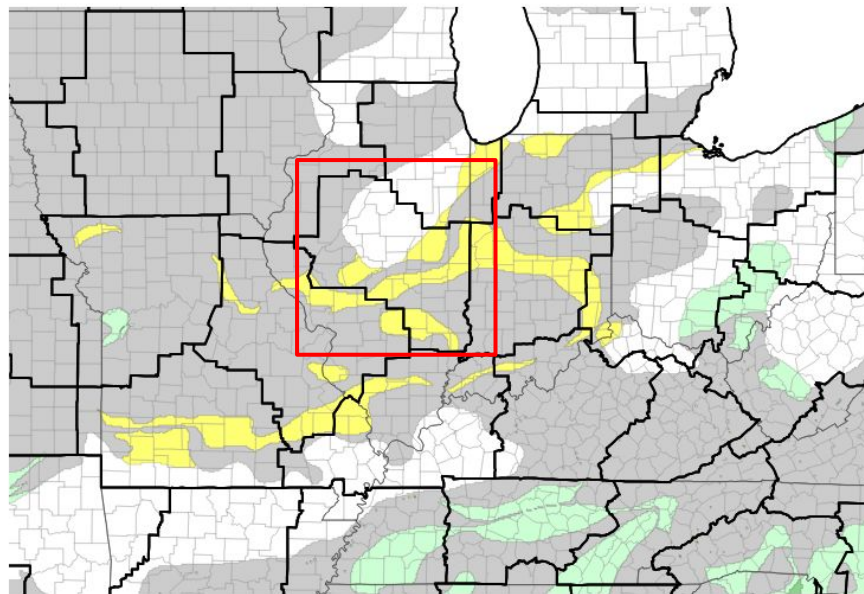


Recent Change in Drought Intensity

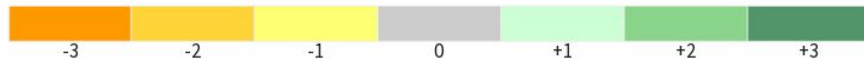
Link to the latest [1-week change map](#) for central and southeast Illinois

- One Week Drought Monitor Class Change.
 - Drought Worsened:
 - Areas from near Effingham to Lawrenceville.
 - Areas from near Springfield and Taylorville to Champaign, Danville, and Paris.
 - Southwest Morgan County
 - No Change: Most of central Illinois has seen conditions remain 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: 11/28/23



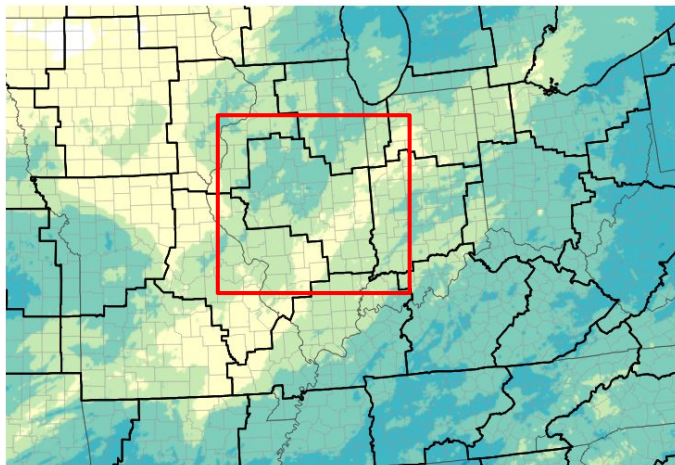


Precipitation

Last 30 days

- Rainfall from Nov. 1 to Dec. 1 has been far below normal, especially in southeast and east central IL where less than 25% of normal precipitation fell, in some areas this was under a half inch.

30-Day Precipitation Accumulations (Inches)



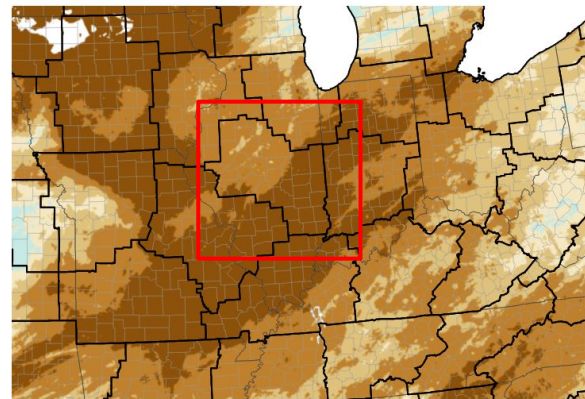
Inches of Precipitation



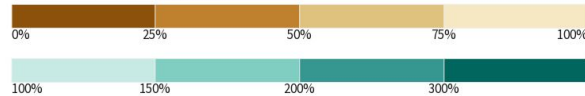
Source(s): National Weather Service Multi-Radar Multi-Sensor System;
image courtesy of Drought.gov

Last Updated: 12/01/23

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: 12/01/23



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Lincoln, Illinois



Summary of Impacts

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

Hydrologic Impacts

- Low streamflows and slightly below normal reservoir levels

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 are below 25th percentile in southeast and east central IL, as well as west central IL.
- Lake Shelbyville has slightly below normal water level (1 foot below normal), while other large water sources such as Lake Springfield and Lake Decatur have near or above normal water levels for this time of year.

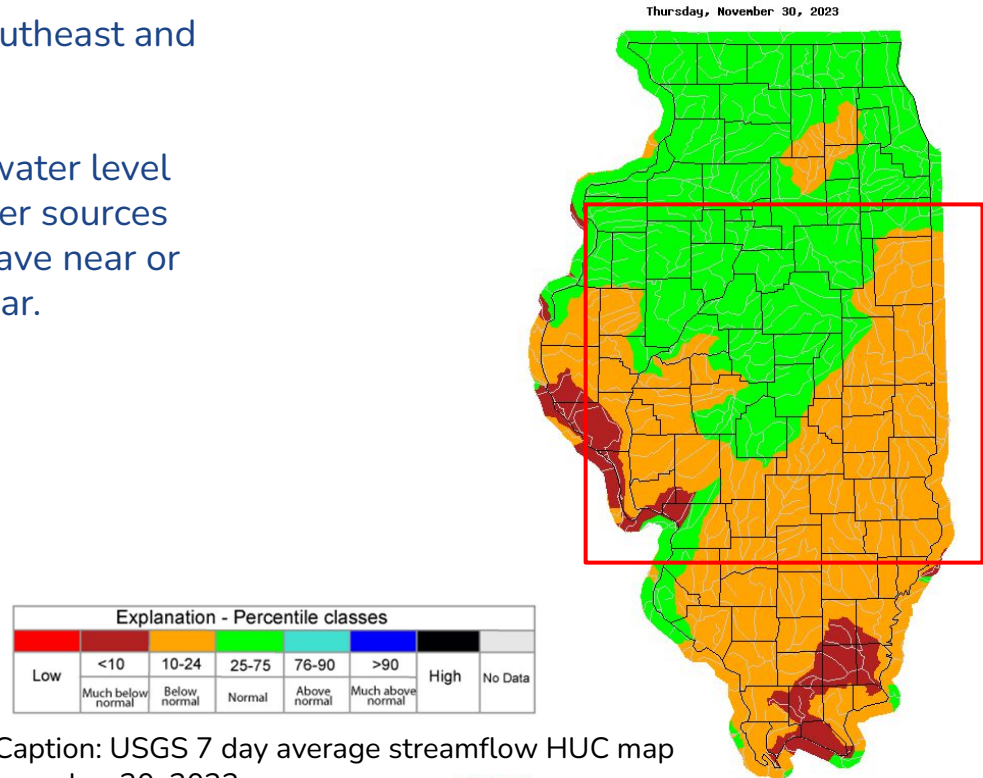


Image Caption: USGS 7 day average streamflow HUC map valid November 30, 2023.

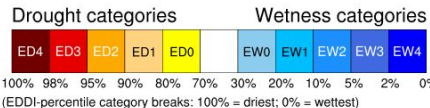
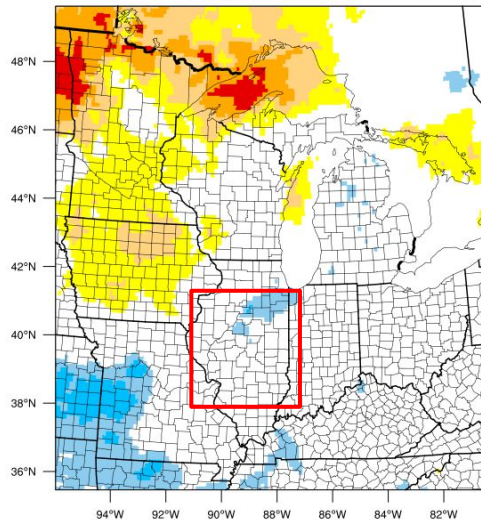




Agricultural Impacts

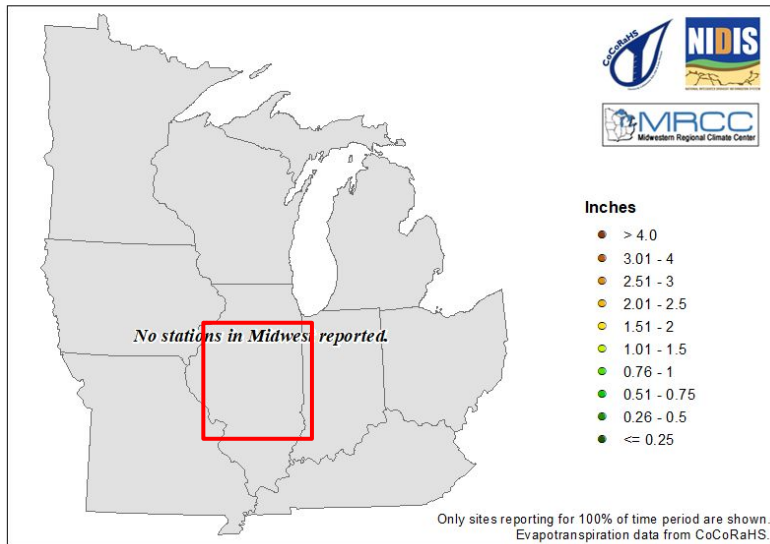
- Soil moisture at the 20 cm level is below the 30th to 70th percentile in the drought areas of central and southeast IL
- Agricultural impacts are not significant at this time, as crops are harvested or dormant at this time of year

1-week EDDI categories for November 25, 2023



Generated by NOAA/ESRL/Physical Sciences Laboratory

Evapotranspiration for 7-day Period: 11/24/2023 - 12/1/2023



Only sites reporting for 100% of time period are shown.
Evapotranspiration data from CoCoRaHS.

Image Captions:

Left: 1-week Evaporative Demand Drought Index valid November 25, 2023

Right: 7-day Evapotranspiration ending December 1, 2023



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

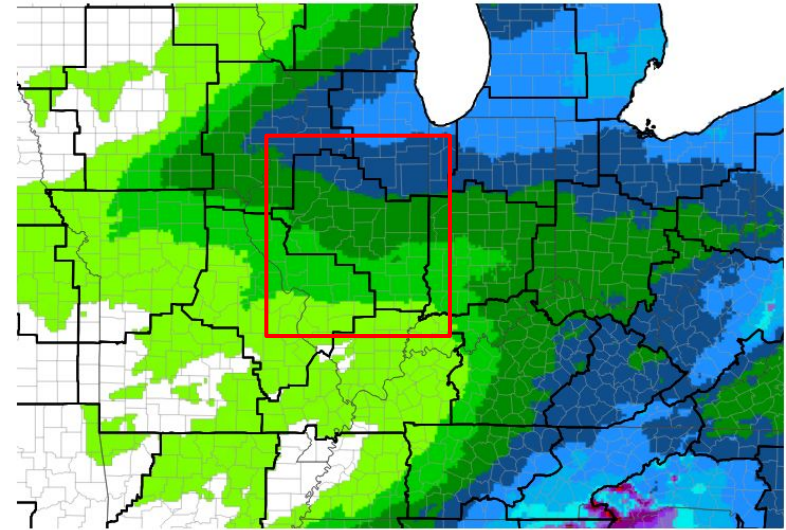
National Weather Service
Lincoln, Illinois



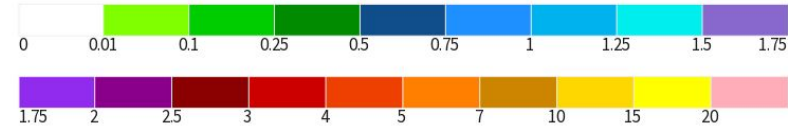
Seven Day Precipitation Forecast

- Rainfall is expected to be minimal during the upcoming 7 days, and will mainly be Saturday night and Sunday
- Most Moderate and Severe Drought areas are likely to see less than a quarter inch of rain

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Data Valid: 12/01/23





- Near normal precipitation with above normal temperatures are favored for December

