



# Drought Information Statement for Central Indiana

Valid November 1, 2024

Issued By: NWS Indianapolis, IN

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

- This product will be updated by November 30, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ind/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.

- Drought conditions worsen across the state
- Recent transition to active pattern could bring limited relief



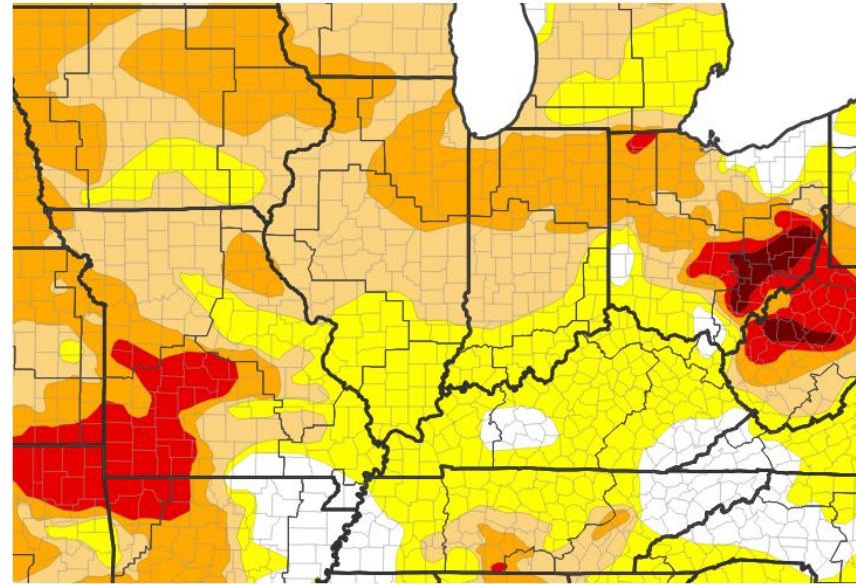


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D2 (Severe Drought)**: Carroll, Clinton, Delaware, Howard, Madison, Tippecanoe, Tipton, Warren
  - **D1 (Moderate Drought)**: Bartholomew, Boone, Brown, Clay, Daviess, Fountain, Greene, Hamilton, Hancock, Hendricks, Henry, Johnson, Knox, Marion, Monroe, Montgomery, Morgan, Owen, Parke, Putnam, Randolph, Rush, Shelby, Sullivan, Vermillion, Vigo
  - **D0: (Abnormally Dry)**: Decatur, Jackson, Jennings, Lawrence, Martin

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/29/24

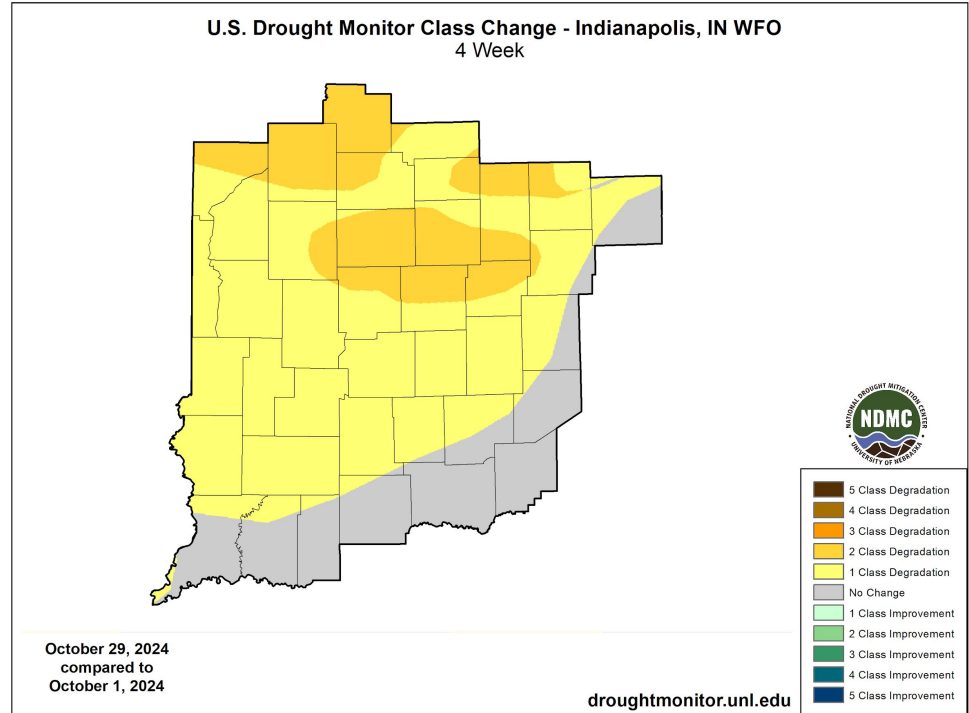




# Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for central Indiana

- Four Week Drought Monitor Class Change
  - 2 class degradation over northern/central counties
  - 1 class degradation over central/some southern counties
  - No change in southernmost counties

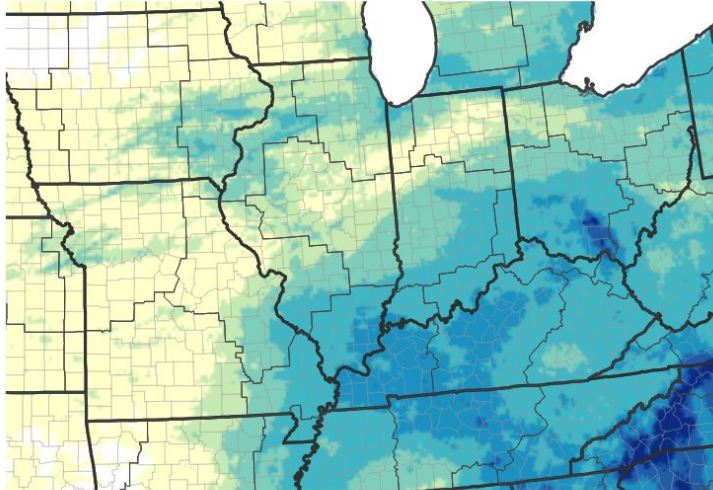




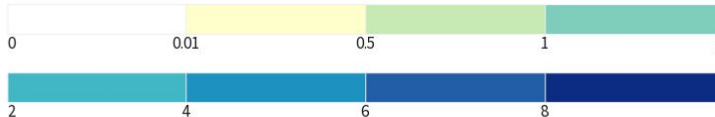
# Precipitation

- Below normal precipitation was the rule across the state the past 30 days
- Some spots in northern Indiana were below 25% of normal, with 25 to 50% over a lot of the state, and near 100% of normal along the Ohio River

NWPS 30-Day Precipitation Accumulations (inches)



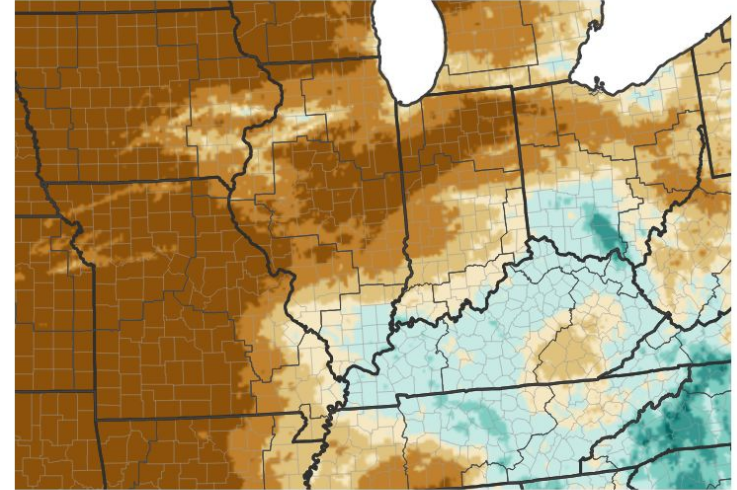
Inches of Precipitation



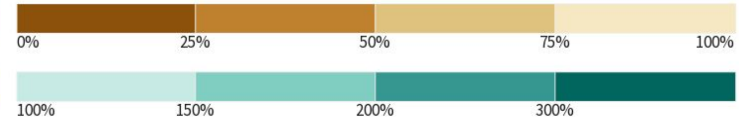
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 10/27/24

30-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)



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

Data Valid: 10/27/24

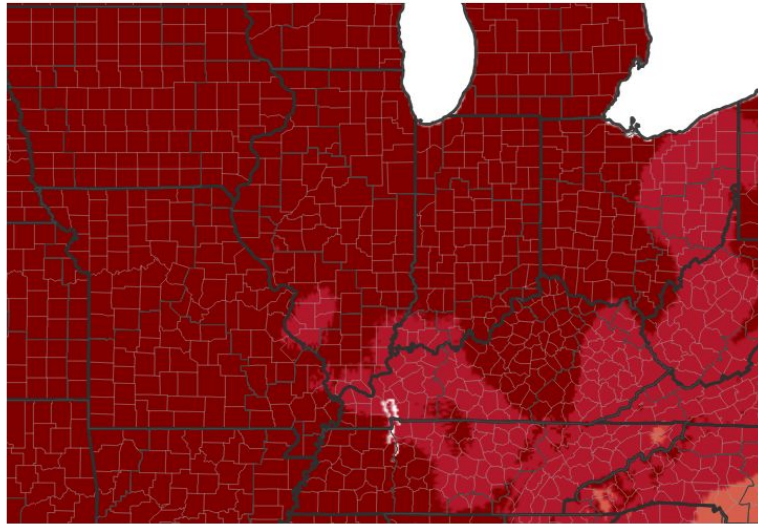




# Temperature

- The 7 day temperature anomaly for max temperatures has been 8 to 10 degrees above normal
- The 30 day anomaly shows max temperatures 3 to 4 degrees above normal in southern Indiana with 4 to 6 degrees across the rest of the state

### 7-Day Temperature Anomaly



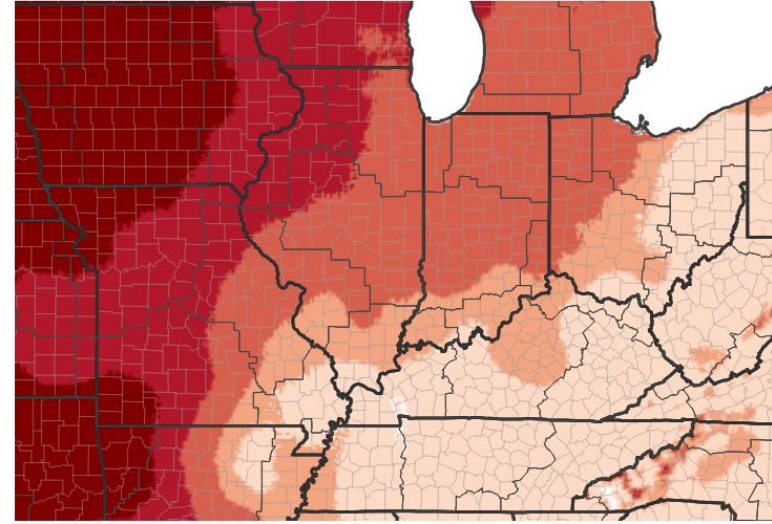
Departure from Normal Max Temperature (°F)



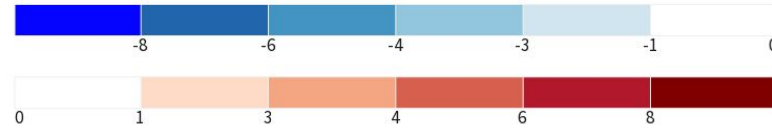
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/28/24

### 30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/28/24





# Summary of Impacts

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

## Hydrologic Impacts

- Numerous reports of low lake, pond and stream levels ([County Extension Drought Input](#))

## Agricultural Impacts

- Producers still relying on supplemental hay feedings as pasture conditions worsen ([USDA Indiana Crop Report](#))

## Fire Hazard Impacts

- Numerous county burn bans ([IDHS Burn Ban Status](#))
- Field and combine fires reported in several counties ([County Extension Drought Input](#), [USDA Indiana Crop Report](#))

## Other Impacts

- None reported

## Mitigation Actions

- None reported



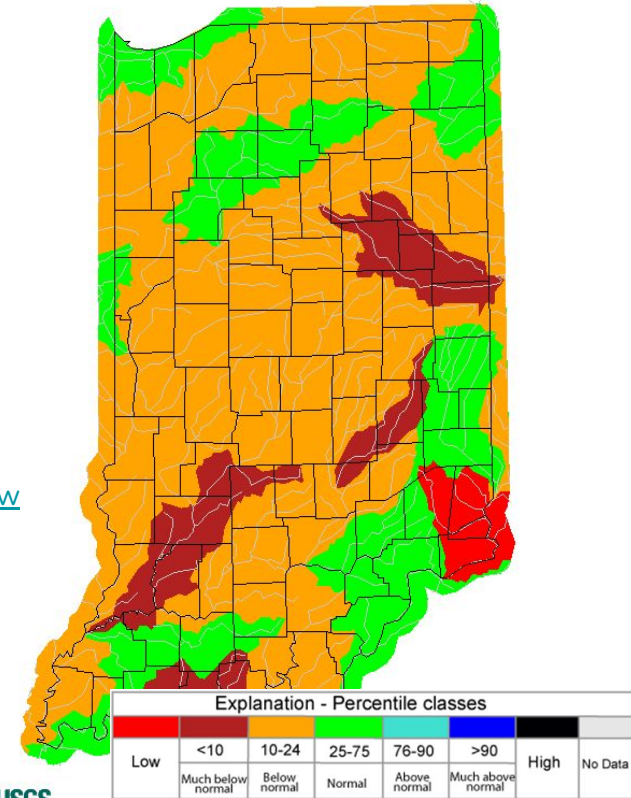


# Hydrologic Conditions and Impacts

- Most of the state is seeing below normal to much below normal streamflow, with pockets of near normal flow in northwest Indiana and a couple of southern Indiana basins
- Numerous reports of low lake, pond and stream levels

Image Caption:  
[USGS 7 day average streamflow HUC map](#) for Indiana valid October 31, 2024

Thursday, October 31, 2024



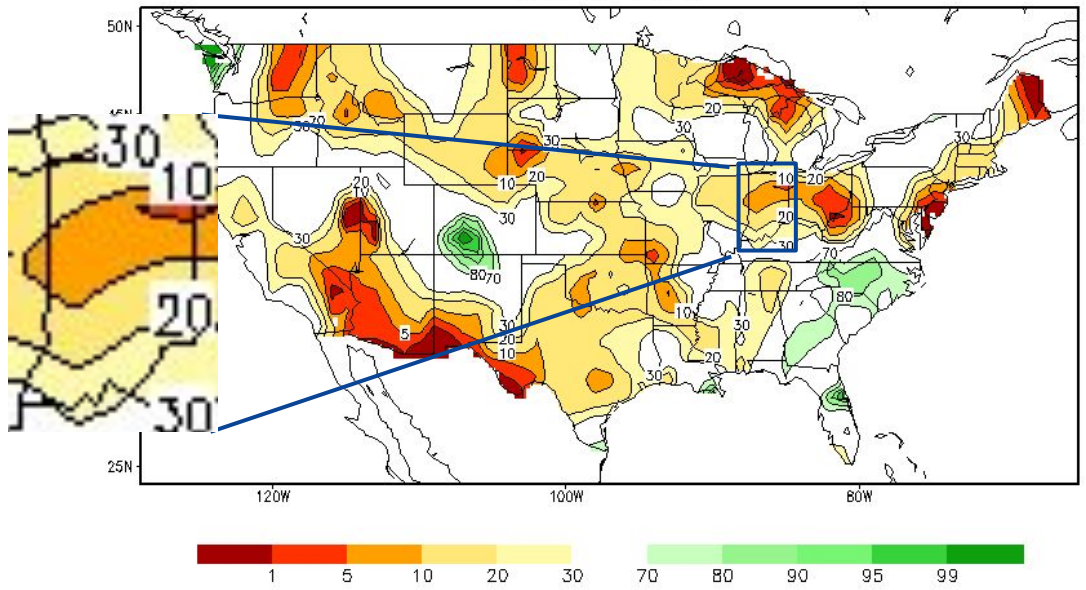


# Agricultural Impacts

- Soil moisture is below normal across the state, with a large swath of lower than the 10th percentile over central and northern Indiana
- Small field and combine fires have been a problem
- Producers still relying on supplemental hay feedings

[Link to Latest Indiana Crop Report](#)

Calculated Soil Moisture Ranking Percentile  
OCT 31, 2024





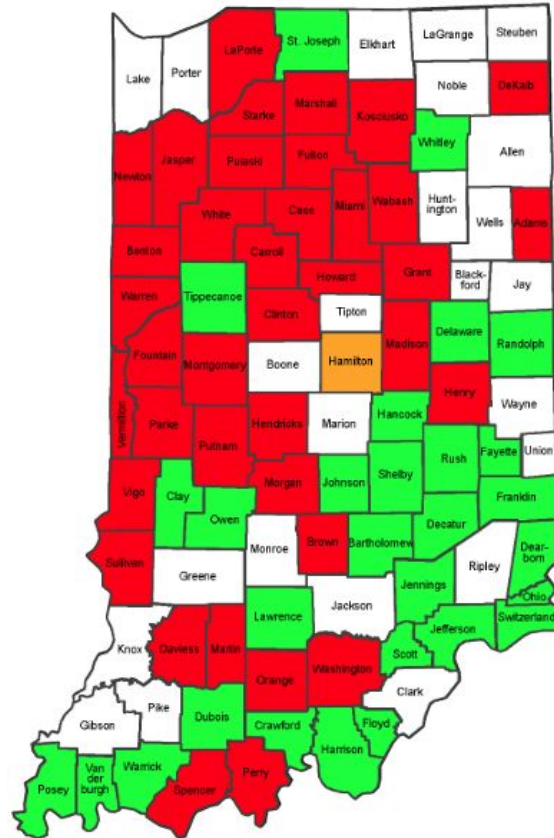


# Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#)

- County burn bans in place across much of the state

For the latest Indiana burn ban map, click [here](#).



Indiana Department of Homeland Security  
Statewide Burn Ban Status for 11/01/2024 13:20 EDT

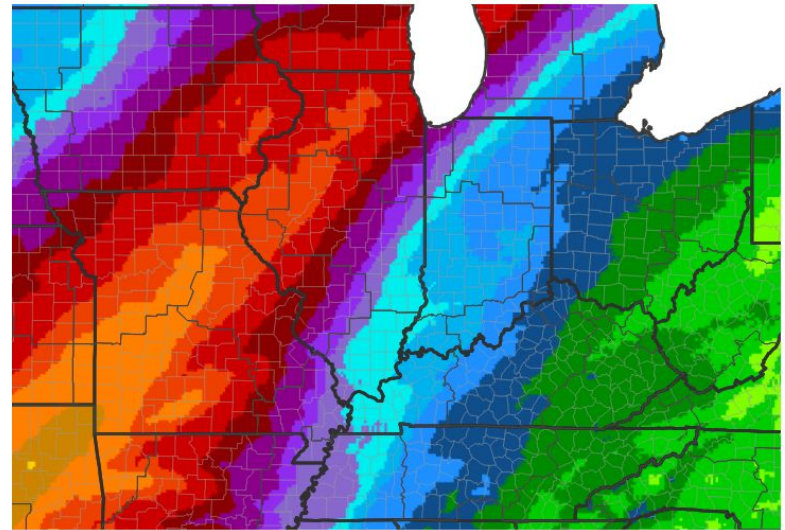
- County Burn Ban In Effect
- Local Area Burn Ban In Effect
- Previous Ban Lifted
- No Current Report



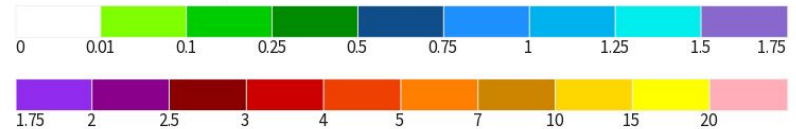
# Seven Day Precipitation Forecast

- The seven day precipitation forecast shows as much as 2 to 2.5 inches across northwestern Indiana tapering to 0.5 to 0.75 inches across southeastern Indiana.

**7-Day Quantitative Precipitation Forecast for November 1, 2024–November 8, 2024**



**Predicted Inches of Precipitation**



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

Last Updated: 11/01/24



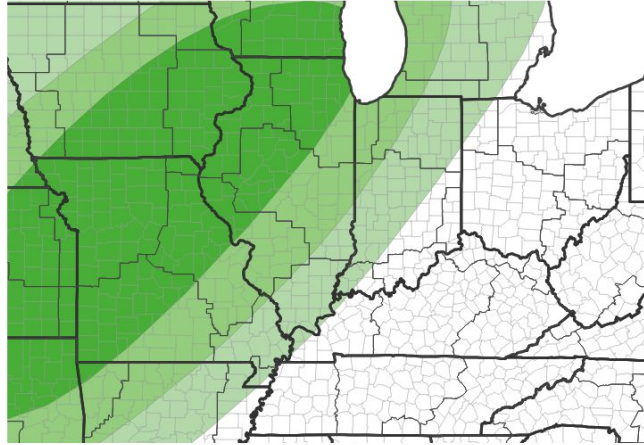


# Long-Range Outlooks

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

- November outlooks show a lean toward above normal precipitation as well as warmer than normal temperatures

Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



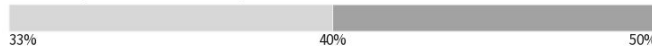
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



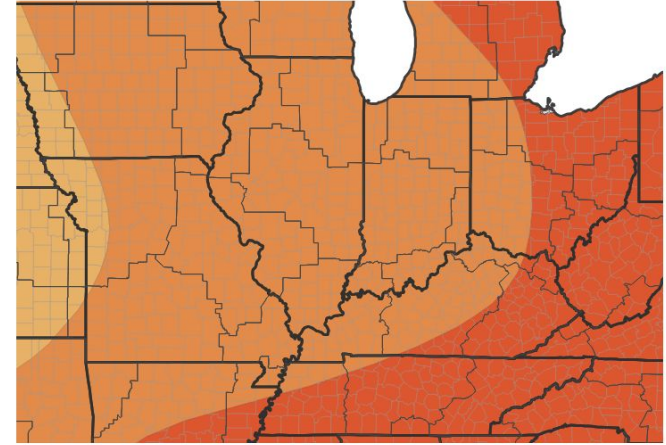
Probability of Near-Normal Precipitation



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

Last Updated: 10/31/24

Monthly Temperature Outlook for November 1, 2024–November 30, 2024



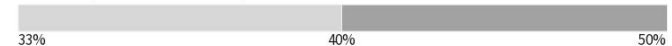
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



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

Last Updated: 10/31/24



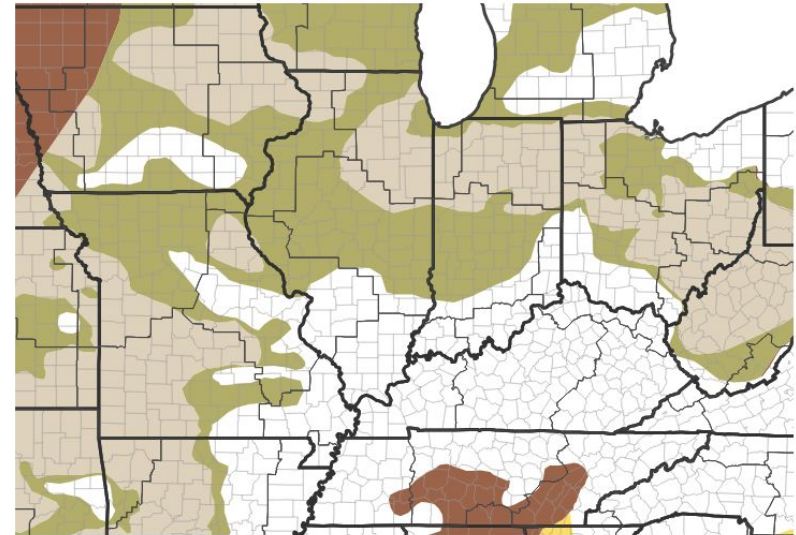


# Drought Outlook

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

- Drought is predicted to improve or end across much of Indiana during the 3 month period ending January 31st, with no drought expected across southern Indiana

**Seasonal (3-Month) Drought Outlook for October 31, 2024–January 31, 2025**



**Drought Is Predicted To...**



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

Last Updated: 10/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

