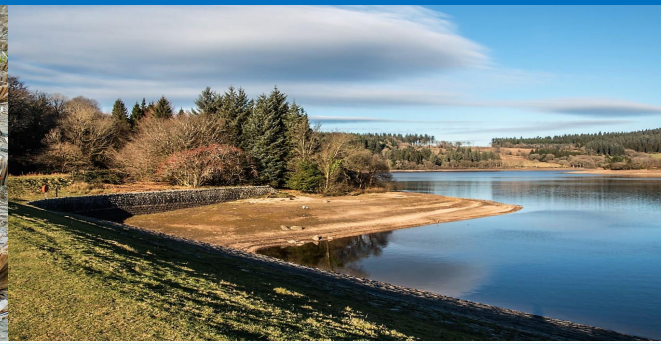
Drought Information Statement for central Indiana

Valid January 5, 2024

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated February 2, 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.

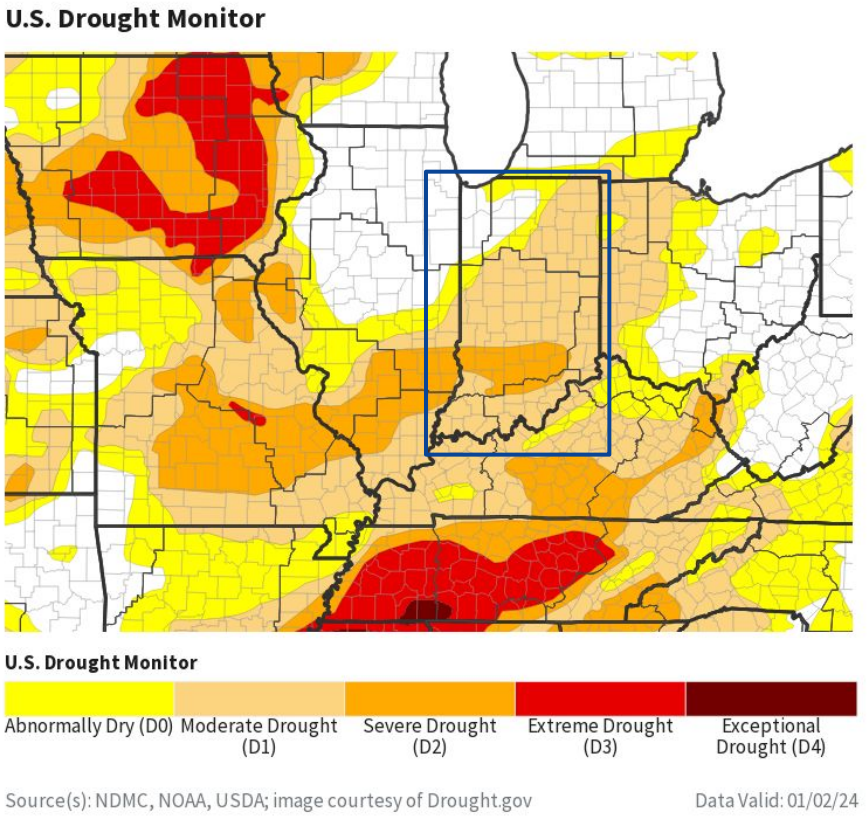


U.S. Drought Monitor

Link to the latest U.S. Drought Monitor for central Indiana

- SEVERE DROUGHT IN PLACE ACROSS SOUTHERN PARTS OF CENTRAL INDIANA

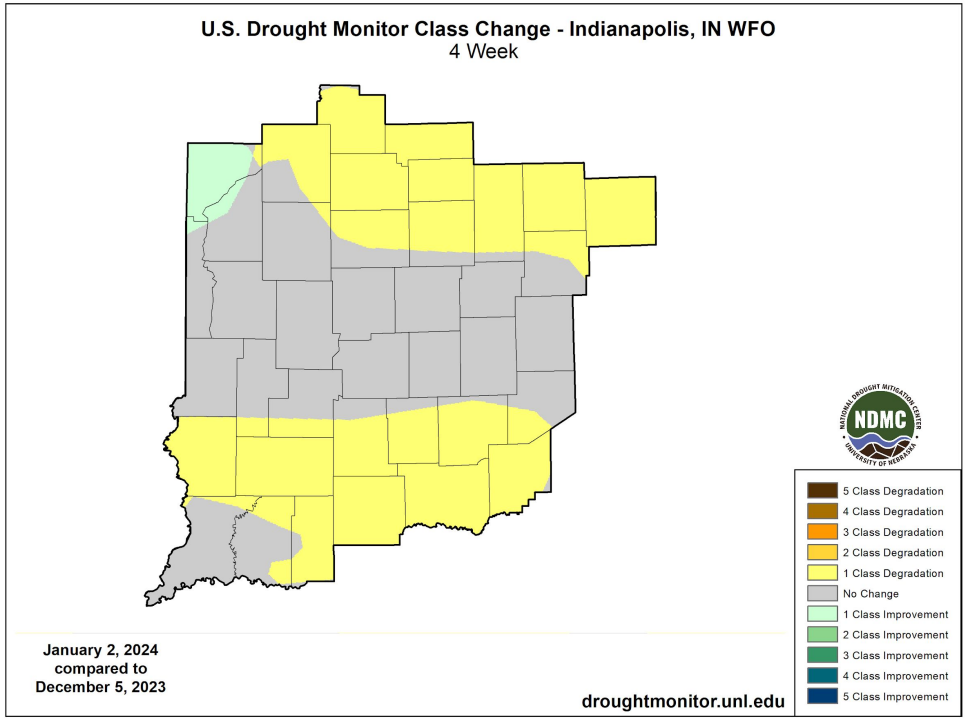
- Drought intensity and Extent
  - D2 (Severe Drought): Brown, Bartholomew, Clay, Owen, Daviess, Greene, Jackson, Jennings, Lawrence, Martin, Monroe, Sullivan
  - D1 (Moderate Drought): Howard, Vermillion, Parke, Putnam, Morgan, Johnson, Shelby, Decatur, Knox, Vigo, Carroll, Tippecanoe, Clinton, Tipton,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



Recent Change in Drought Intensity

Link to the latest 4-week change map for central Indiana

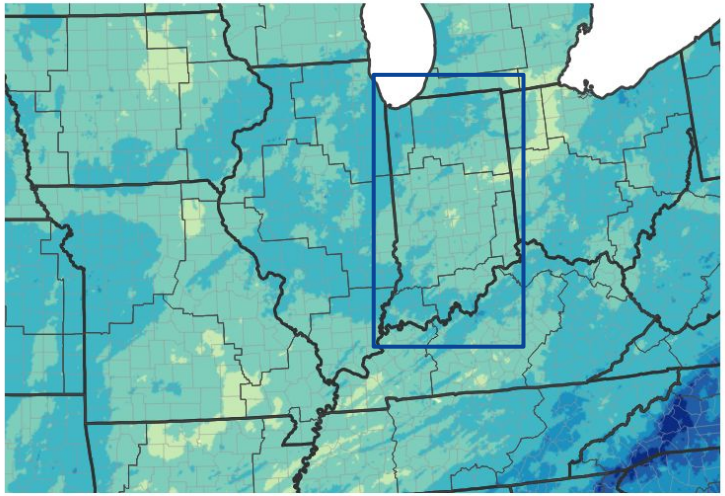
- Four Week Drought Monitor Class Change
  - 1 class degradation over much of both northern and southern parts of central Indiana
  - Strip across central Indiana unchanged
  - 1 class improvement over Warren county



Precipitation

- For most of central Indiana, precipitation over the past 30 days has been 25-75% of normal, with the driest conditions over the eastern counties

30-Day Precipitation Accumulations (Inches)



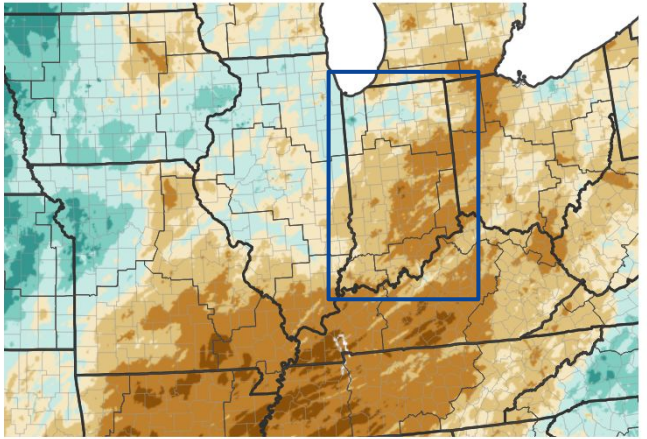
Inches of Precipitation

0 | 0.01 | 0.5 | 1 | 2 | 4 | 6 | 8

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

Last Updated: 01/04/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)

0% | 25% | 50% | 75% | 100% | 100% | 150% | 200% | 300%

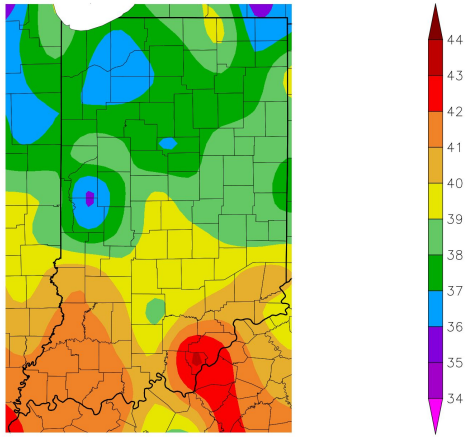
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 01/04/24

Temperature

- For most of central Indiana, average temperatures over the last month have been 6 to 8 degrees above normal

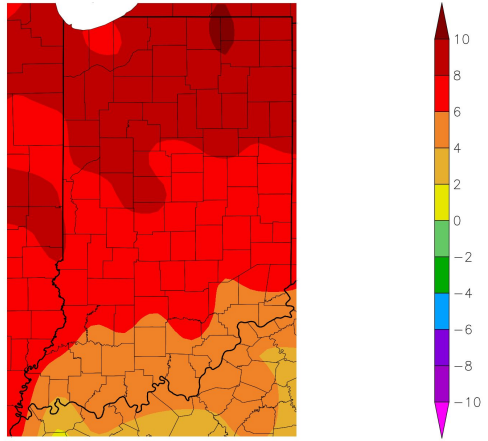
Temperature (F)
12/6/2023 – 1/4/2024



Generated 1/5/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Departure from Normal Temperature (F)
12/6/2023 – 1/4/2024



ted 1/5/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Summary of Impacts

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

Hydrologic Impacts

- Low to very low flow on area rivers and streams
- Low to very low pond and lake levels

Agricultural Impacts

- Soil Moisture very dry, especially subsurface soil moisture

Fire Hazard Impacts

- No current impacts reported
- Concerns developing for above normal spring wildland fire potential

Other Impacts

- None reported

Mitigation Actions

- None reported

Hydrologic Conditions and Impacts

- Much below normal streamflow over the East Fork White and most of the White basins
- Below normal streamflow over the Wabash basin

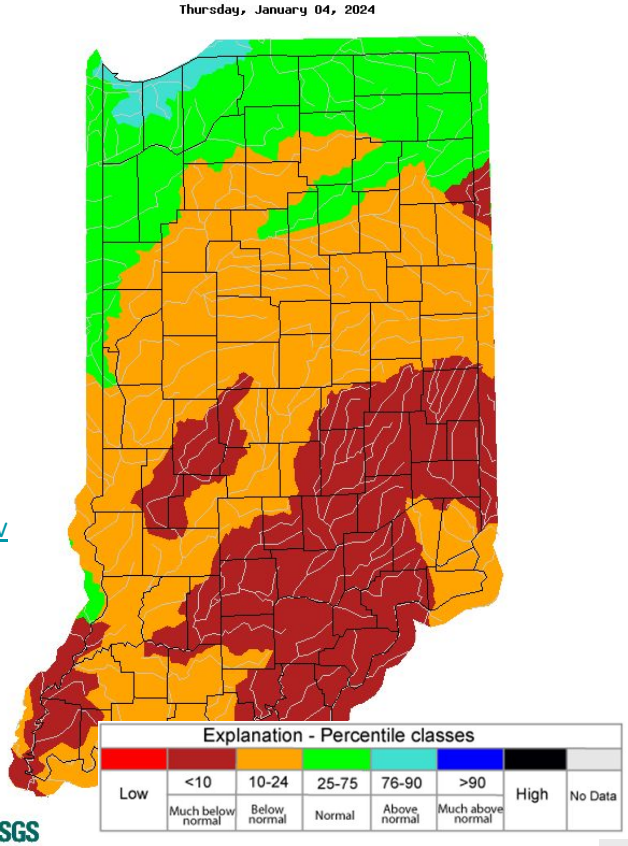
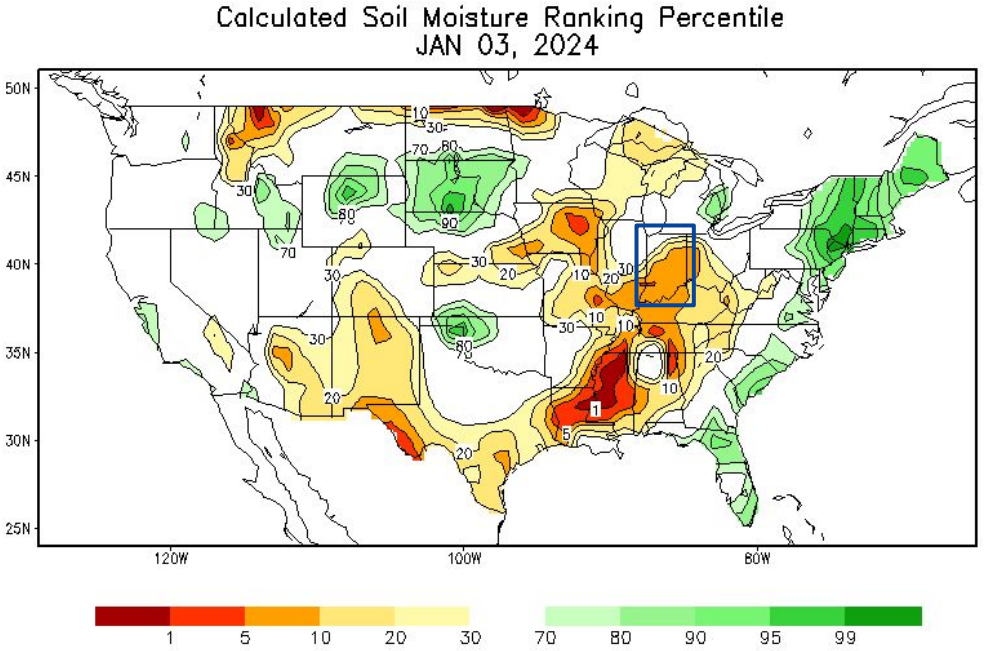


Image Caption: [USGS 7 day average streamflow HUC map] for Indiana valid January 4, 2024

Agricultural Impacts

- Soil moisture is very dry

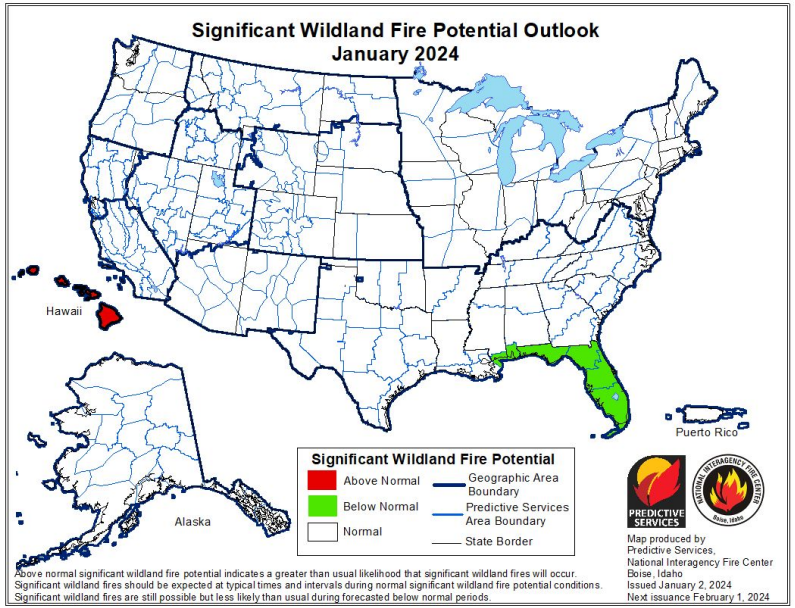
[Link to Latest Indiana Crop Report]

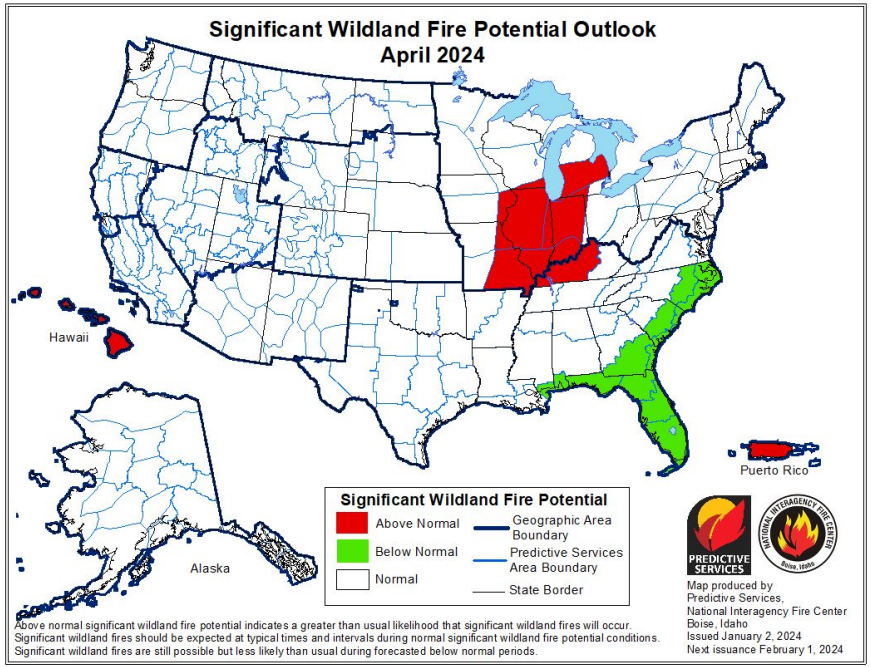


Fire Hazard Impacts

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

- No current issues (map below) but increasing concerns for wildland fire potential this spring (map to the right)

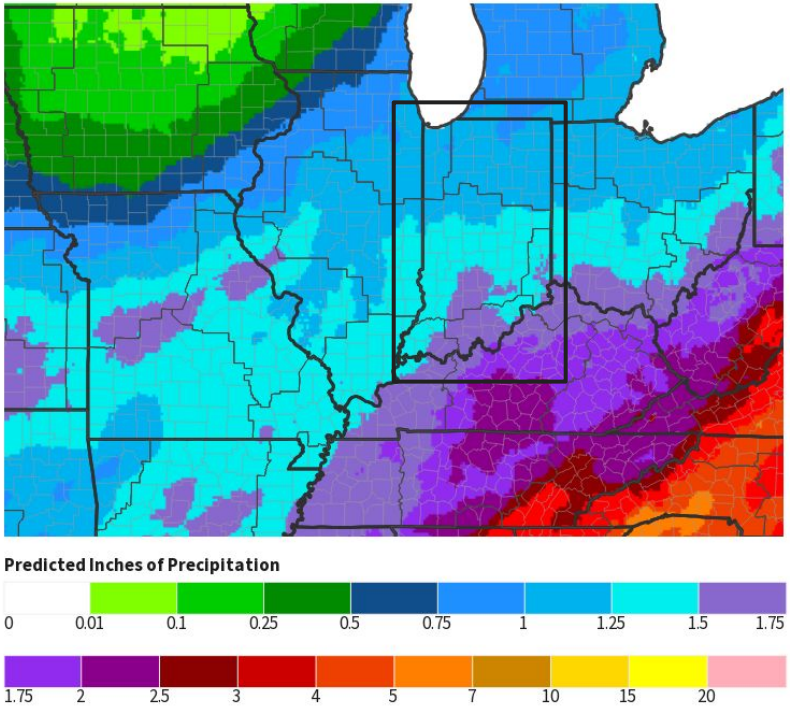




Seven Day Precipitation Forecast

The seven day precipitation total forecast shows potential for beneficial precipitation across the state. Widespread precipitation amounts of one to 1.5 inches are forecast across central and northern Indiana, with 1.5 to approaching 2 inches possible along the Ohio River.

7-Day Quantitative Precipitation Forecast



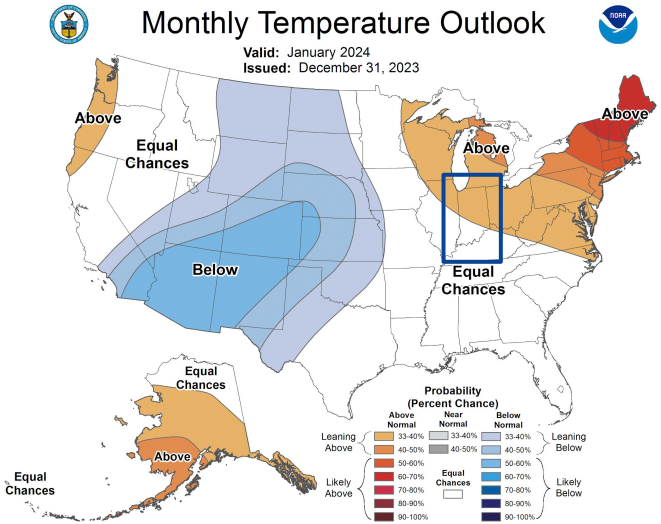
Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

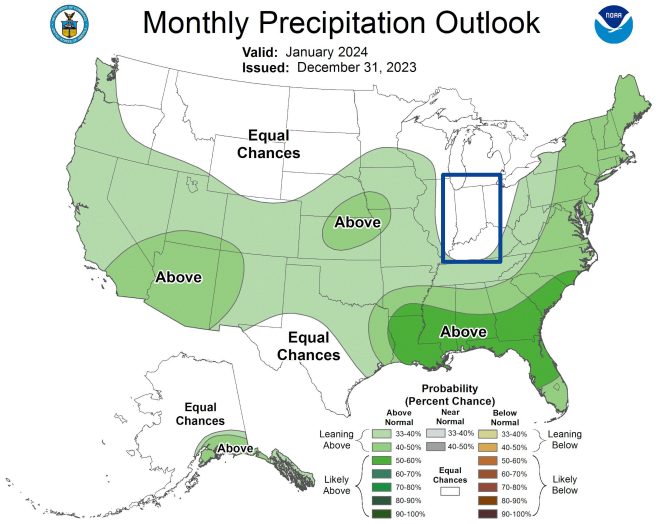
Data Valid: 01/04/24

Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the CPC homepage

- January outlooks lean toward above normal temperatures and equal chances for all outcomes for precipitation

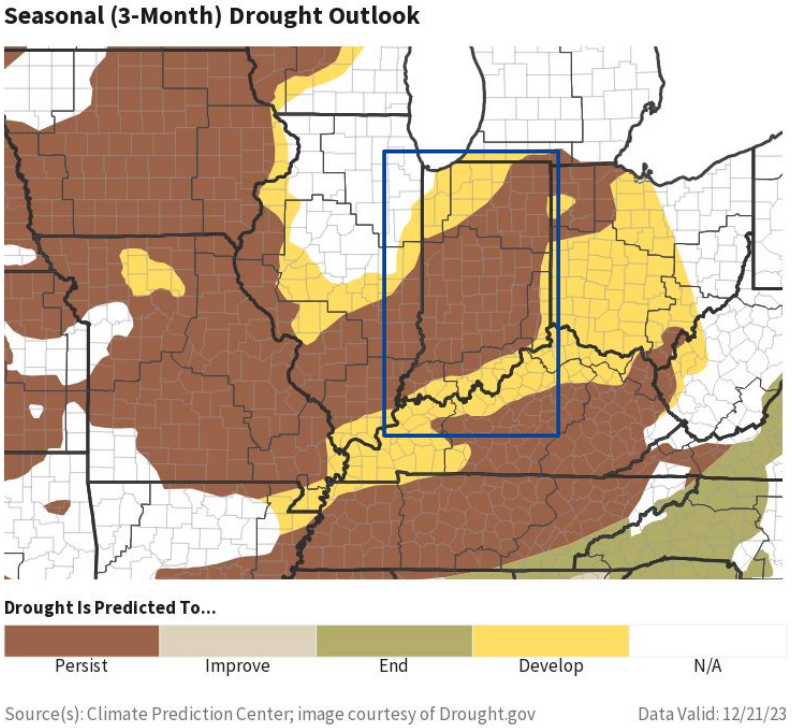




Drought Outlook

The latest monthly and seasonal outlooks can be found on the CPC homepage

- Drought is expected to persist across all of central Indiana for the next three months



Links to the latest:
Climate Prediction Center Monthly Drought Outlook
Climate Prediction Center Seasonal Drought Outlook