Drought Information Statement for Central Indiana

Valid November 15, 2024

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

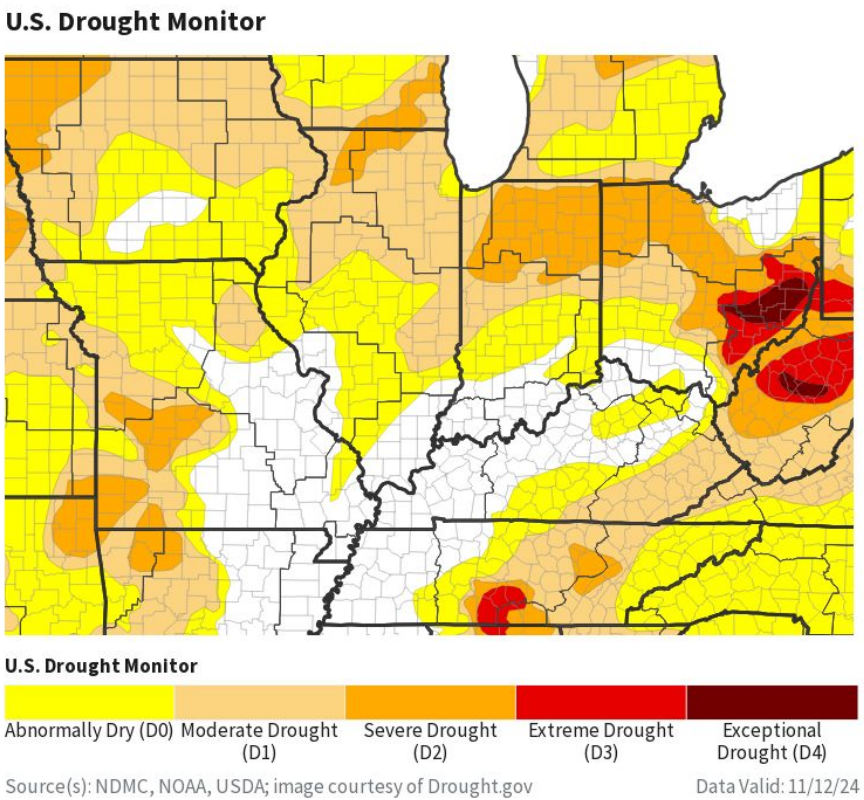
- This product will be updated by December 13, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at https://drought.gov/drought-information-statements.
- Please visit https://www.weather.gov/ind/DroughtInformationStatement for previous statements.
- Please visit https://www.drought.gov/drought-status-updates/ for regional drought status updates.

- Severe Drought (D2) continues across northern Indiana
- Drought designation removed across southern Indiana

U.S. Drought Monitor

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

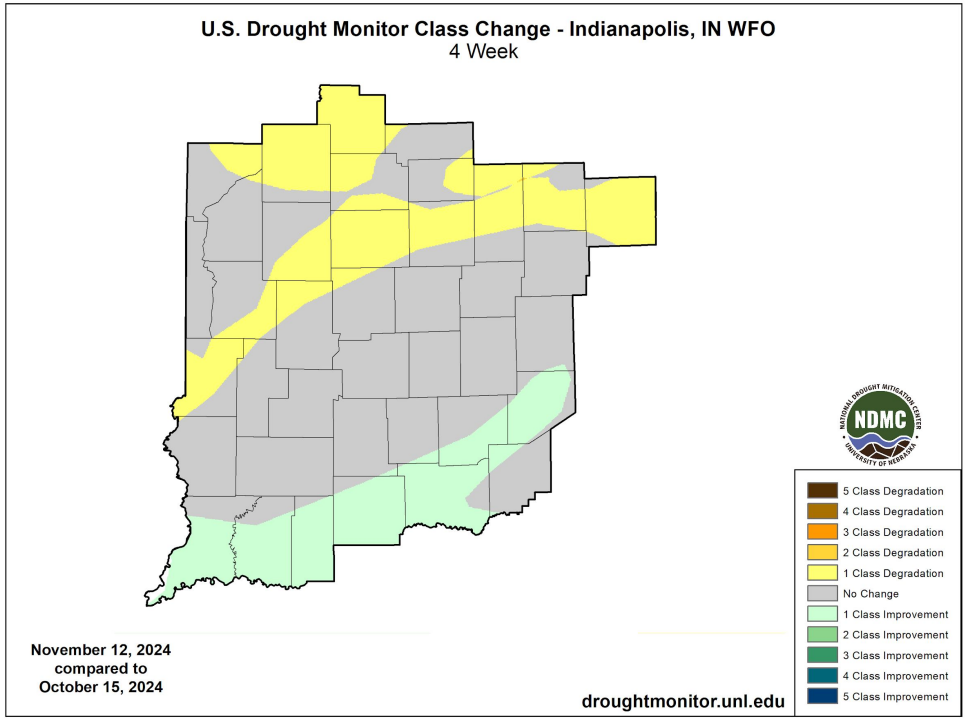
- Drought intensity and Extent
  - **D2 (Severe Drought)**: Carroll, Clinton, Howard, Madison, Tippecanoe, Tipton, Warren
  - **D1 (Moderate Drought)**: Boone, Delaware, Fountain, Hamilton, Hendricks, Montgomery, Parke, Putnam, Randolph, Vermillion, Vigo
  - **D0: (Abnormally Dry)**:, Bartholomew, Brown,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



Recent Change in Drought Intensity

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

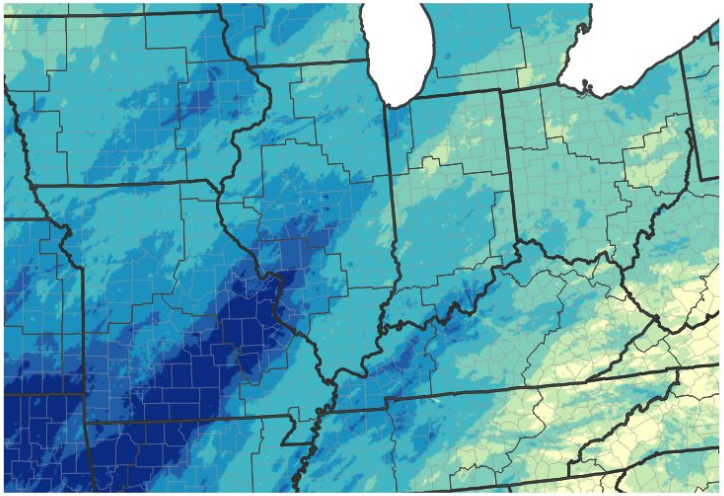
- Four Week Drought Monitor Class Change
  - 1 class degradation over some northern/central counties
  - 1 class improvement over southernmost counties
  - No change in most central counties



Precipitation

- Below normal precipitation was the rule across much of the state the past 30 days, however, a few northwest Indiana counties as well as long the Ohio River saw 100 to 200% of normal

30-Day Precipitation Accumulations (Inches)



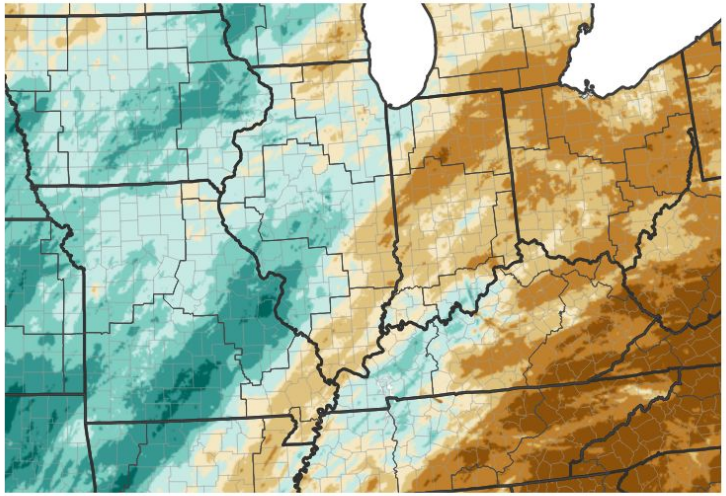
Inches of Precipitation

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

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

Last Updated: 11/14/24

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

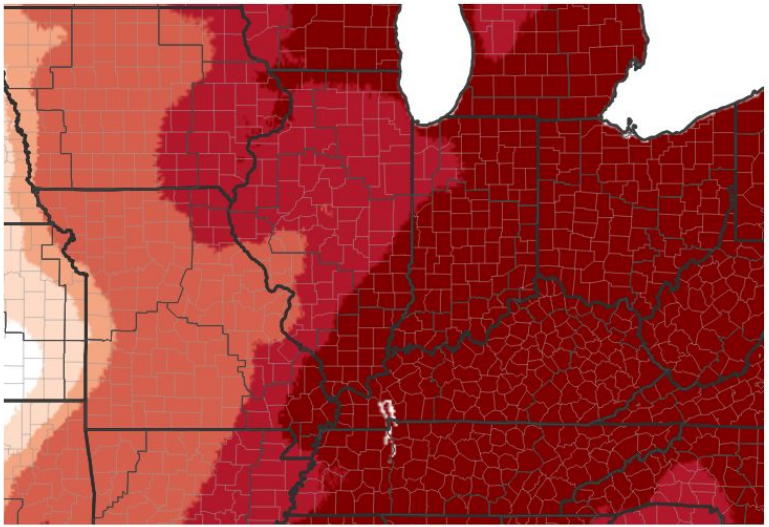
Last Updated: 11/14/24

Temperature

- The 7 day temperature anomaly for max temperatures has been 8 to 10 degrees above normal for most of the state, with 6 to 8 degrees above normal in northwestern Indiana

- The 30 day anomaly shows max temperatures 6 to 8 degrees above normal

7-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)

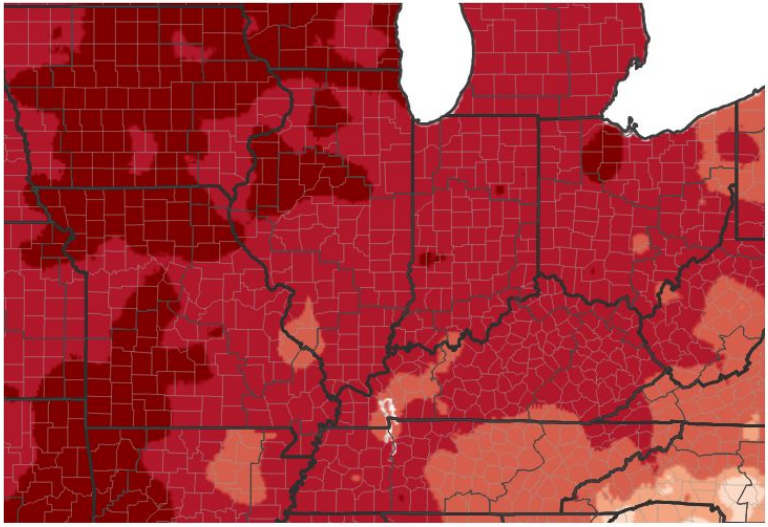
-8 -6 -4 -3 -1 0

0 1 3 4 6 8

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

Data Valid: 11/10/24

30-Day Temperature Anomaly



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Data Valid: 11/10/24

Summary of Impacts

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

Hydrologic Impacts

- Continued reports of low lake, pond and stream levels, although some recovery noted (County Extension Drought Input)

Agricultural Impacts

- Soil moisture remains below normal for parts of central and northern Indiana

Fire Hazard Impacts

- Most county burn bans have been lifted

Other Impacts

- None reported

Mitigation Actions

- None reported

Hydrologic Conditions and Impacts

- Most of the state is seeing near normal streamflow, a pocket of above to much above normal along the Ohio River, and some pockets of below to much below normal flow in a few northern and north central Indiana basins

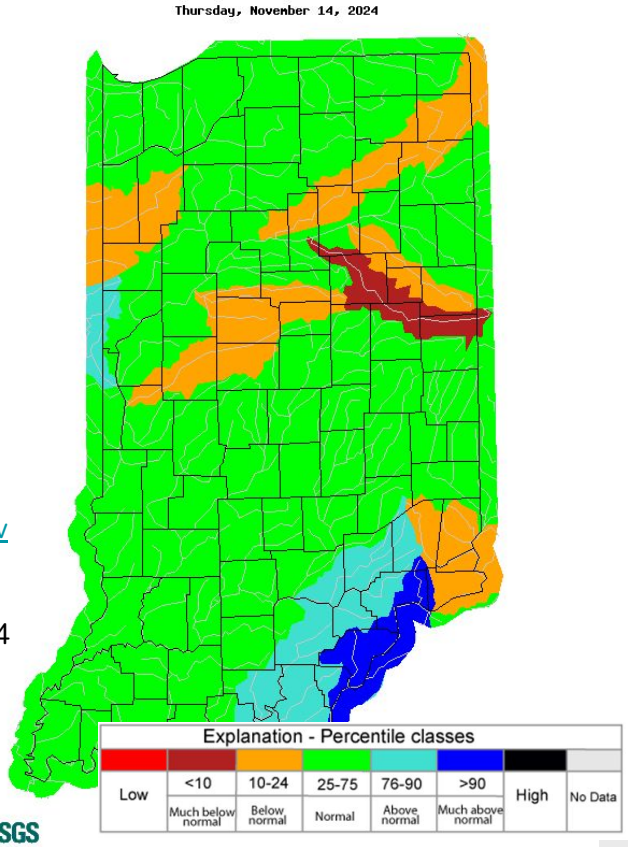
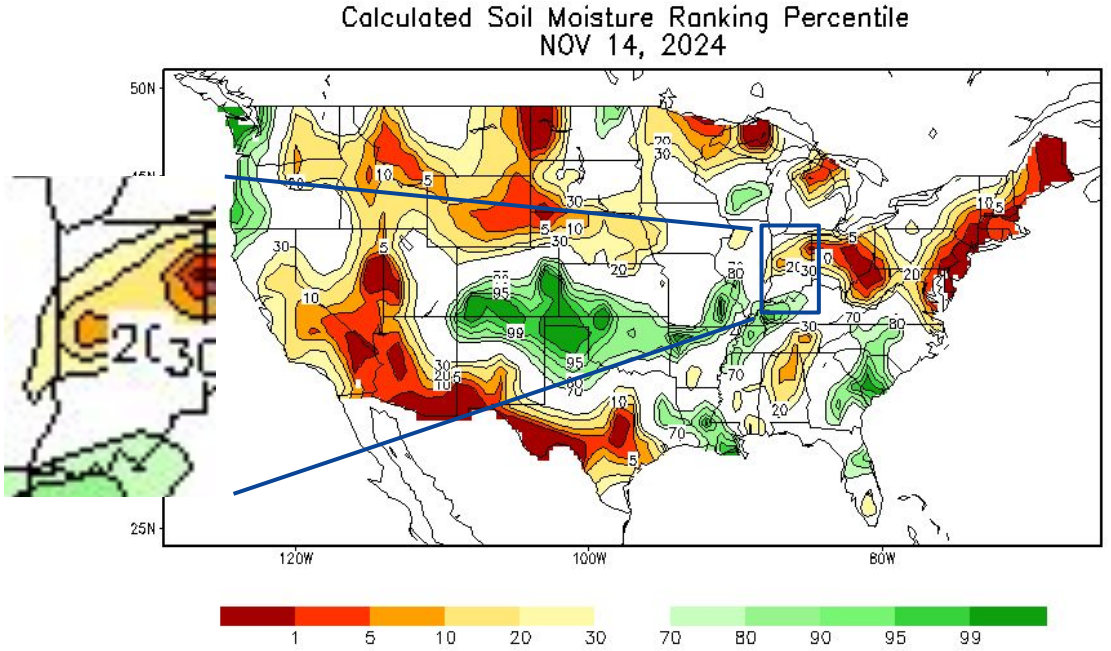


Image Caption: USGS 7 day average streamflow HUC map for Indiana valid November 14, 2024

Agricultural Impacts

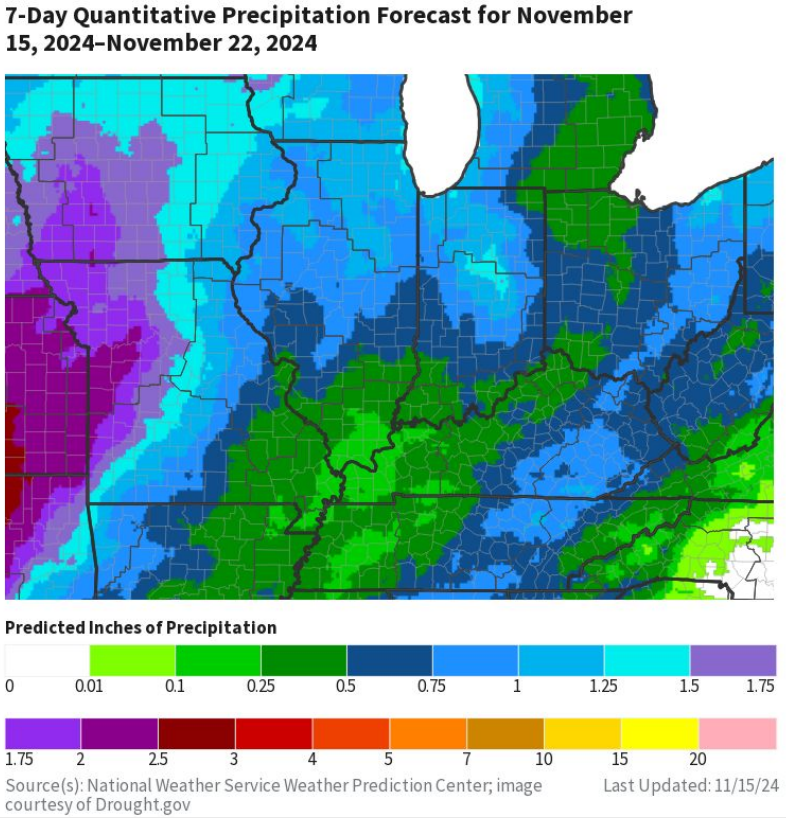
- Soil moisture is below normal across parts of northern and central Indiana, near normal over parts of central and southern Indiana, and above normal along the Ohio River

[Link to Latest Indiana Crop Report]



Seven Day Precipitation Forecast

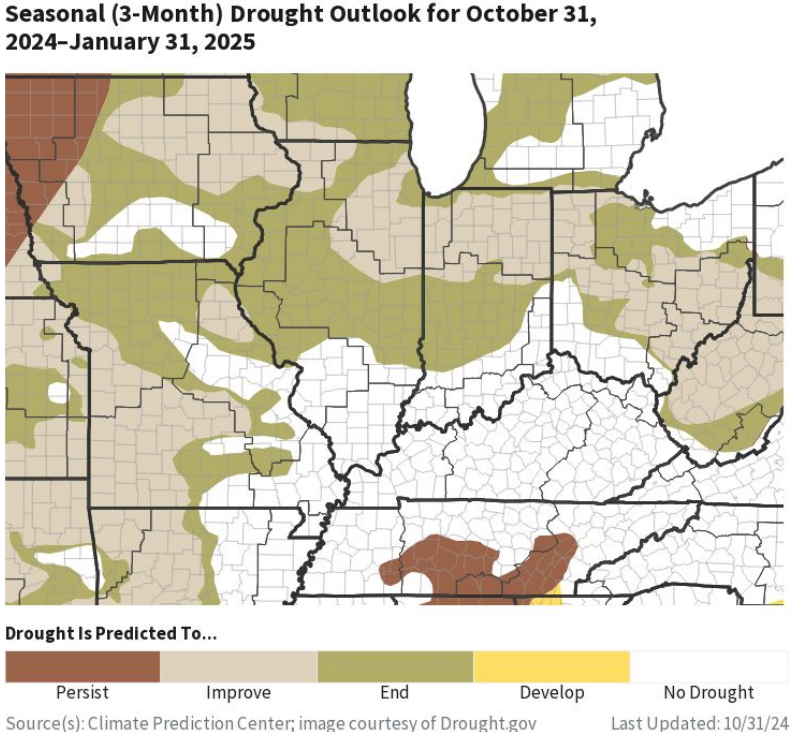
- The seven day precipitation forecast shows 0.75 to 1.5 inches of precipitation across the northern half of the state, with 0.25 to 0.75 across the southern half



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



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