



Drought Information Statement for central Indiana

Valid January 19, 2024

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated February 16, 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.



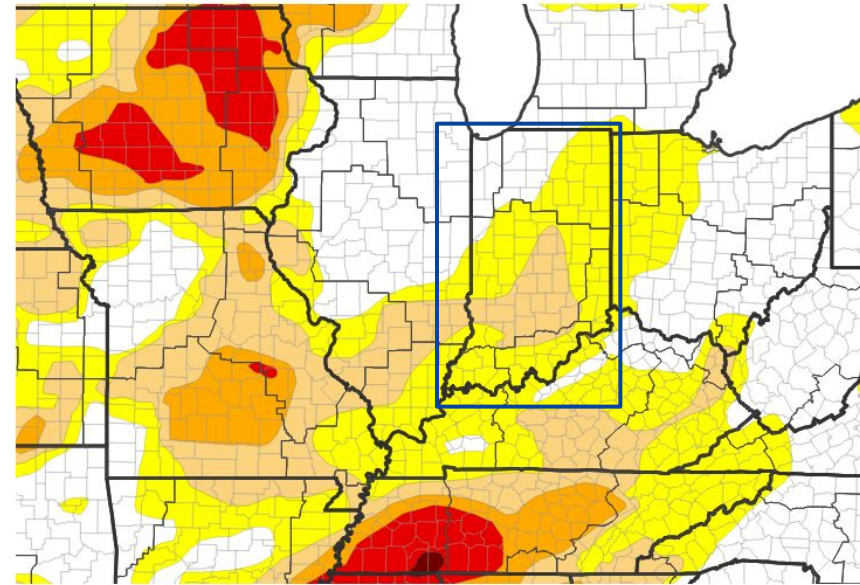


U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 01/16/24

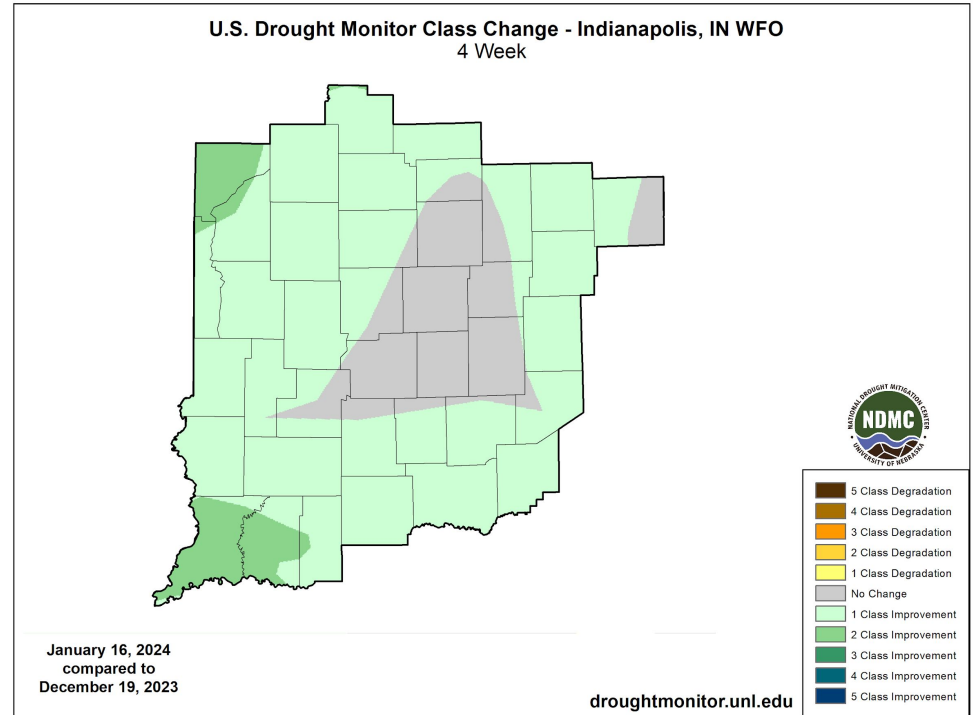




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
 - 2 class improvement over Warren, Knox, and Daviess counties
 - 1 class improvement over the majority of central Indiana counties
 - Hamilton, Marion, Hancock, Morgan, Johnson, and Shelby counties unchanged

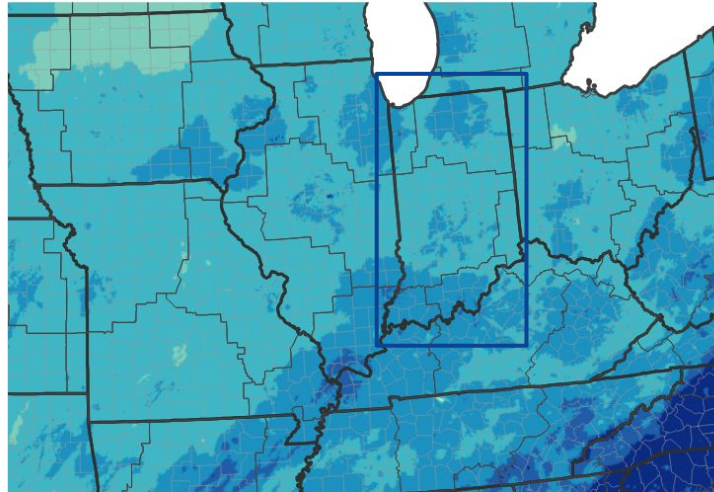




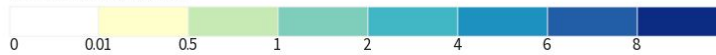
Precipitation

- For most of central Indiana, precipitation over the past 30 days has been 100-150% of normal, with a few small pockets of 75 to 100%

30-Day Precipitation Accumulations (Inches)



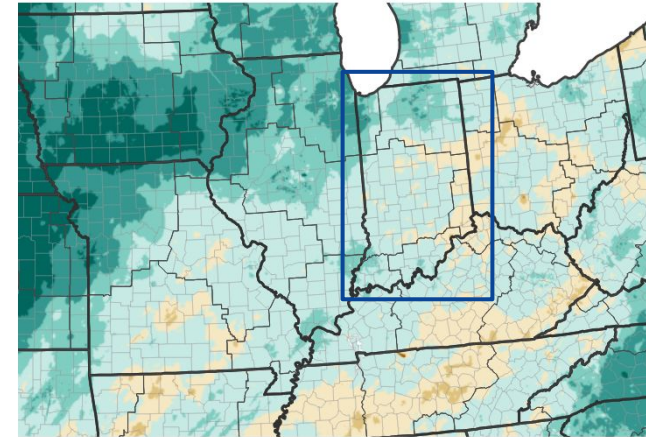
Inches of Precipitation



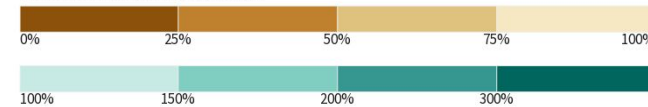
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

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

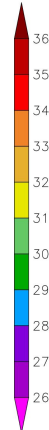
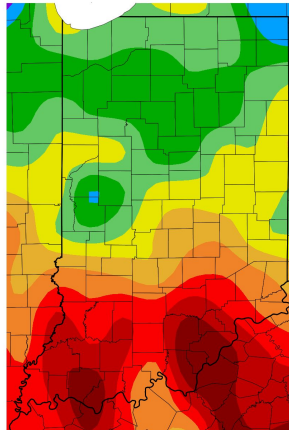




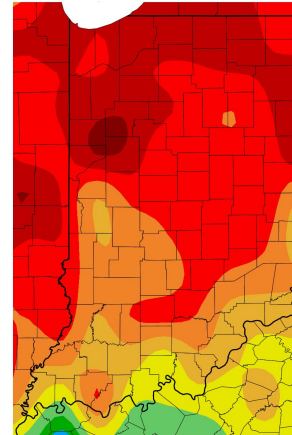
Temperature

- For most of central Indiana, average temperatures over the last month have been 2 to 4 degrees above normal

Temperature (F)
12/20/2023 - 1/18/2024



Departure from Normal Temperature (F)
12/20/2023 - 1/18/2024



Generated 1/19/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers led 1/19/2024 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 flow on some area rivers and streams, but many have returned to normal
- Low pond and lake levels

Agricultural Impacts

- Soil moisture still dry but improving
- Groundwater slow to recharge

Fire Hazard Impacts

- None reported

Other Impacts

- None reported

Mitigation Actions

- None reported



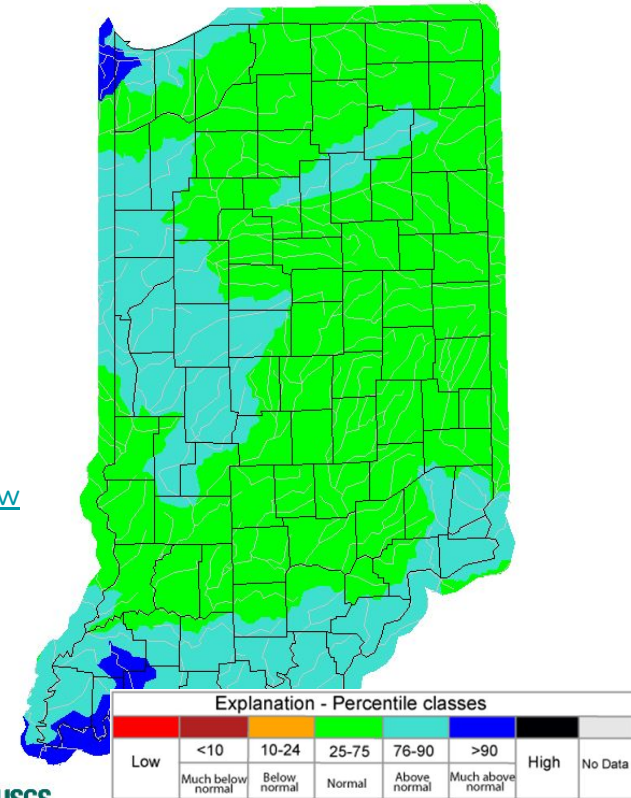


Hydrologic Conditions and Impacts

- Streamflow has returned to normal across the state, with above normal flow along the upper and middle Wabash basins as well as the lakeshore and along the Ohio River

Image Caption:
[USGS 7 day average streamflow HUC map](#) for Indiana valid January 18, 2024

Thursday, January 18, 2024



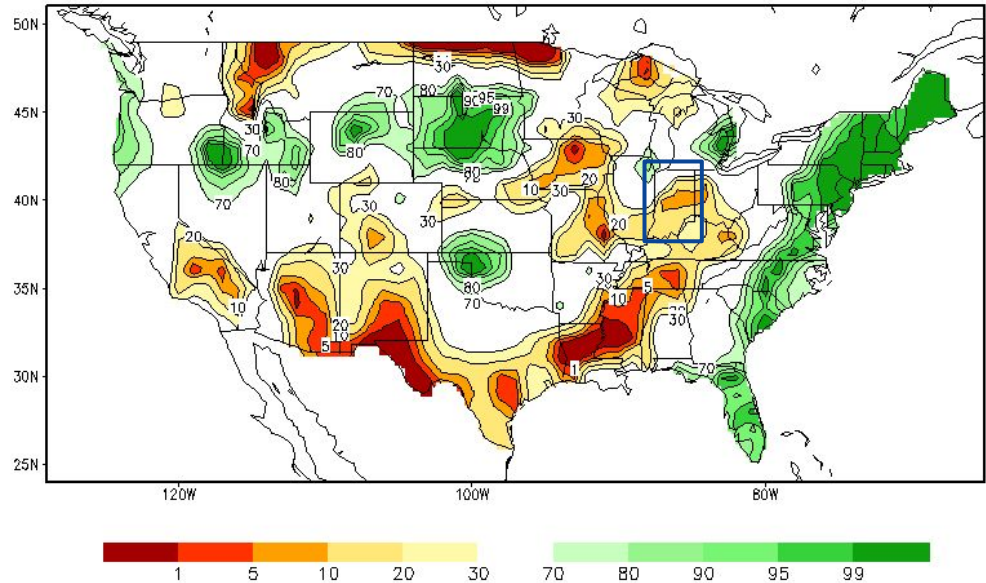


Agricultural Impacts

- Soil moisture is still dry, but has shown some improvement

[Link to Latest Indiana Crop Report](#)

Calculated Soil Moisture Ranking Percentile
JAN 18, 2024

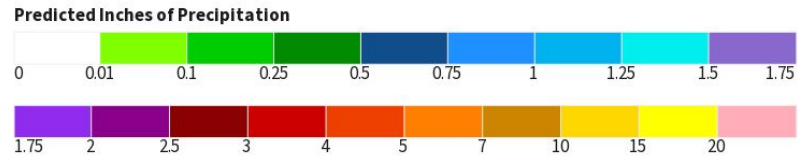
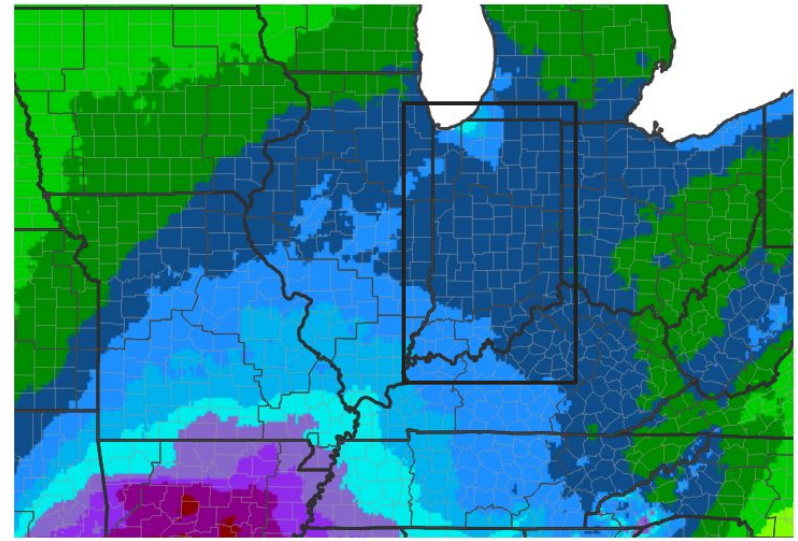




Seven Day Precipitation Forecast

The seven day precipitation total forecast shows 0.5 to 0.75 inches of precipitation across much of the state, with 0.75 to 1.0 inch across southwestern Indiana and higher amounts along the lakeshore due to lake effect snows

7-Day Quantitative Precipitation Forecast



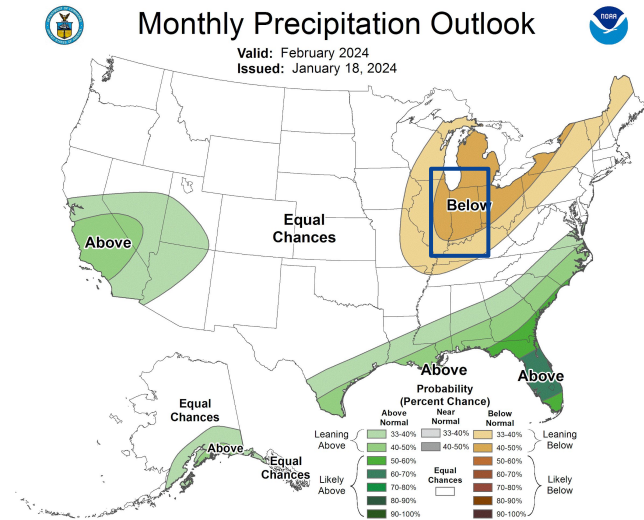
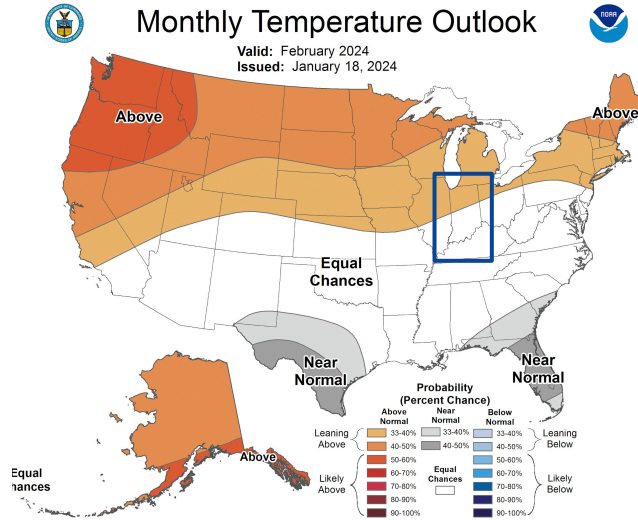
Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Data Valid: 01/18/24



Long-Range Outlooks

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

- February outlooks lean toward above normal temperatures over the northern half of the state and equal chances for all outcomes over southern Indiana, with a stronger signal for below normal precipitation



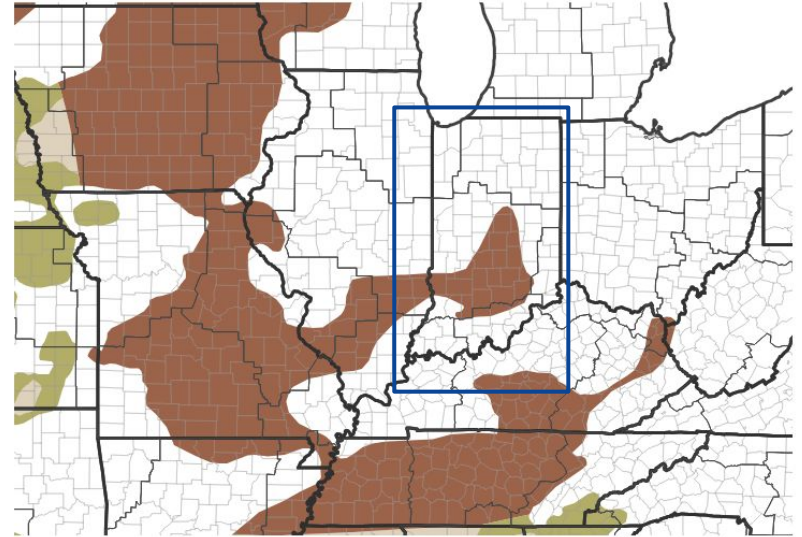


Drought Outlook

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

- Drought is expected to persist across parts of central and south central Indiana over the next three months

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Data Valid: 01/18/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

