



# Drought Information Statement for central Indiana

Valid December 14, 2023

Issued By: NWS Indianapolis, IN

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

- This product will be updated January 14, 2023 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.



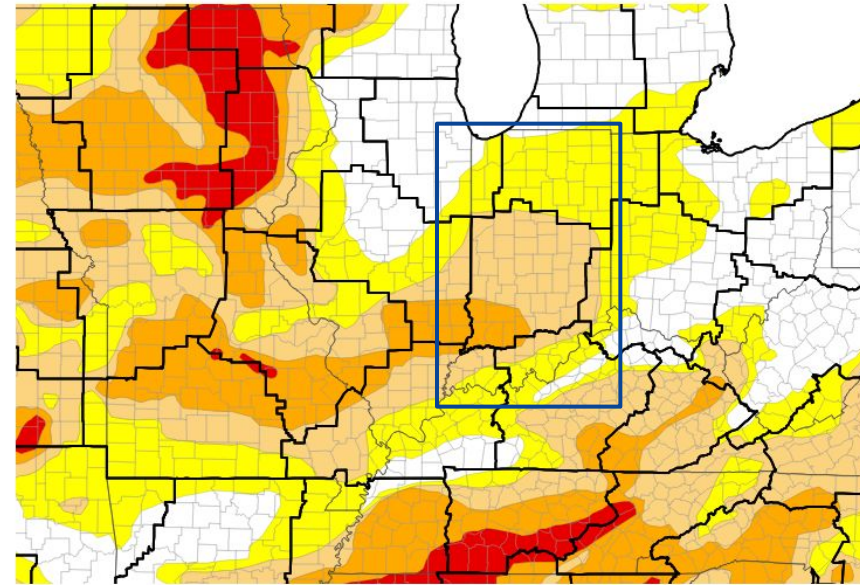


# U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 12/12/23

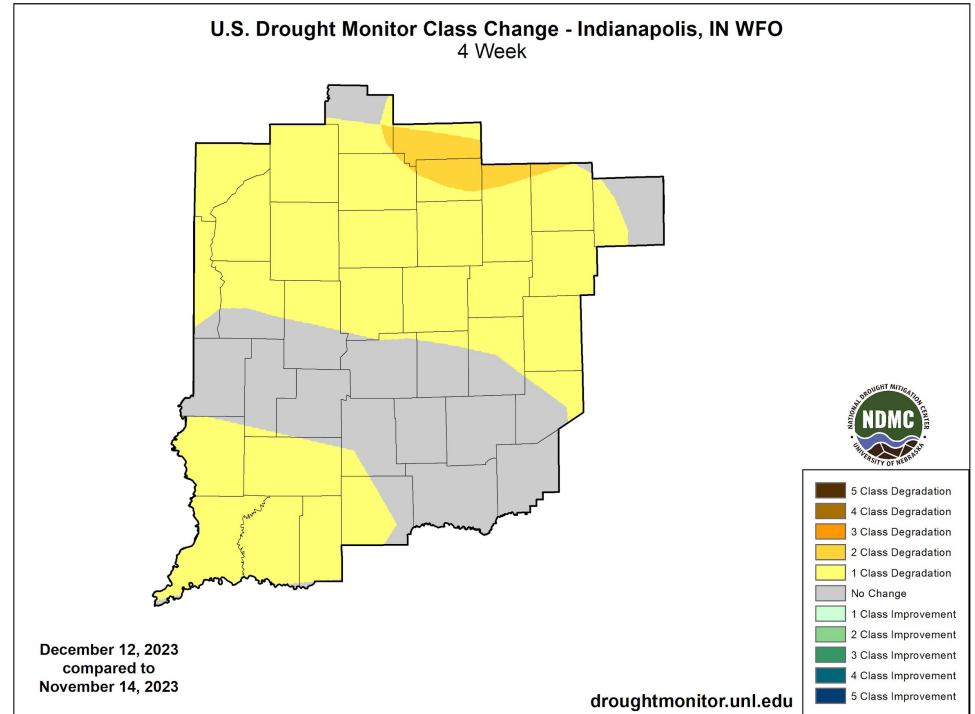




# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
  - 2 class degradation over much of Howard, Tipton, and Madison counties
  - 1 class degradation over much of the northern half of central Indiana and southwestern corner

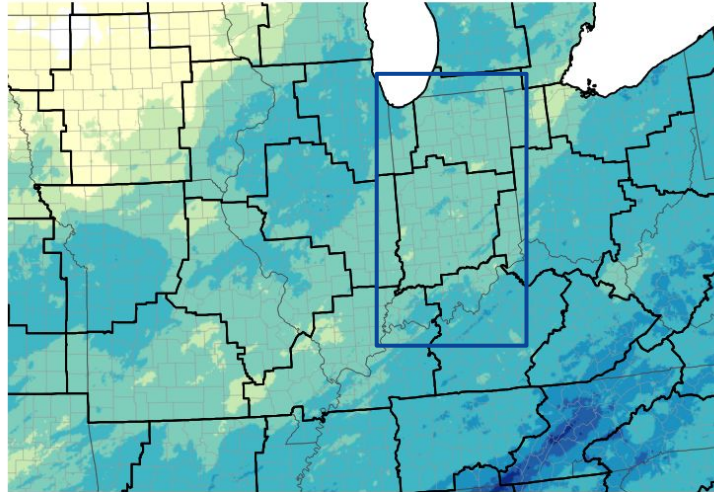




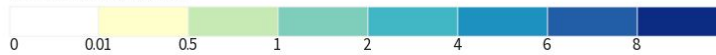
# Precipitation

- For most of central Indiana, precipitation over the past 30 days has been 25-50% of normal

### 30-Day Precipitation Accumulations (Inches)



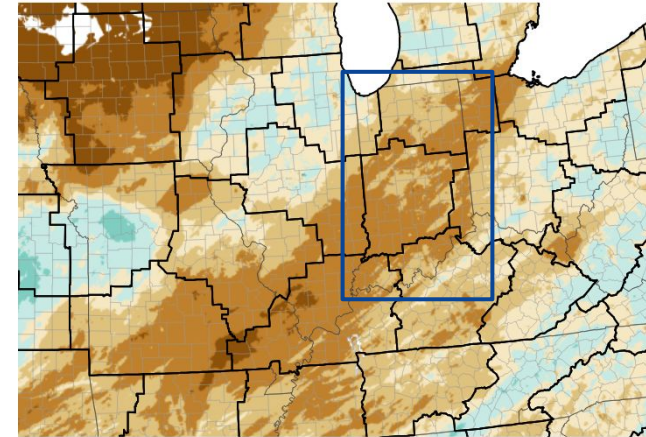
Inches of Precipitation



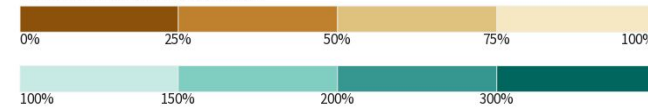
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 12/14/23

### 30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



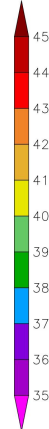
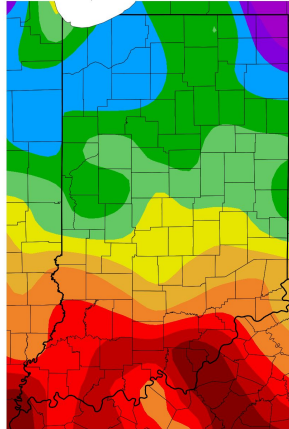
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 12/14/23

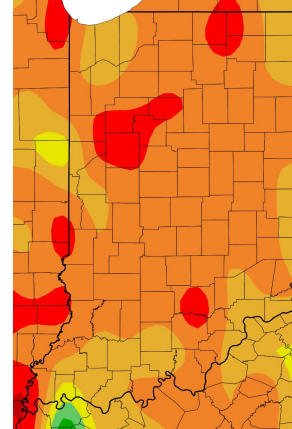


- For most of central Indiana, average temperatures over the last month have been 2 to 3 degrees above normal

Temperature (F)  
11/14/2023 - 12/13/2023



Departure from Normal Temperature (F)  
11/14/2023 - 12/13/2023



Generated 12/14/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers led 12/14/2023 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
- Field tiles running dry

## Fire Hazard Impacts

- None reported

## Other Impacts

- None reported

## Mitigation Actions

- None reported





# Hydrologic Conditions and Impacts

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

Wednesday, December 13, 2023

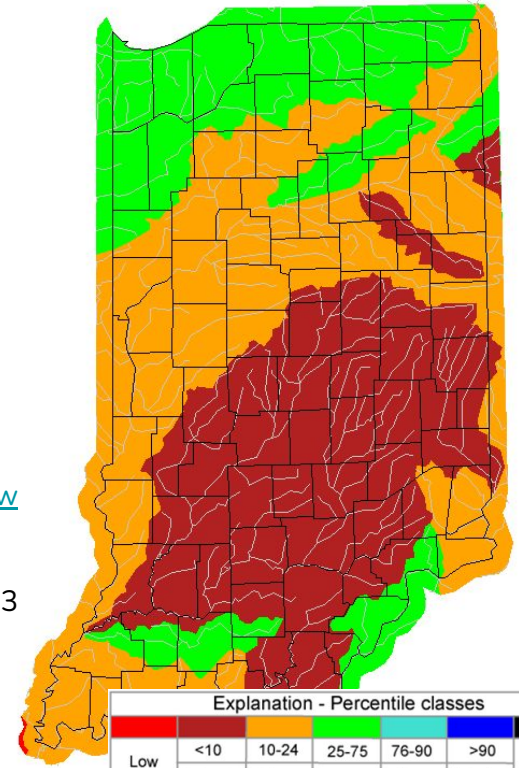


Image Caption:  
[USGS 7 day average streamflow HUC map](#) for Indiana valid December 13, 2023

Explanation - Percentile classes						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	No Data



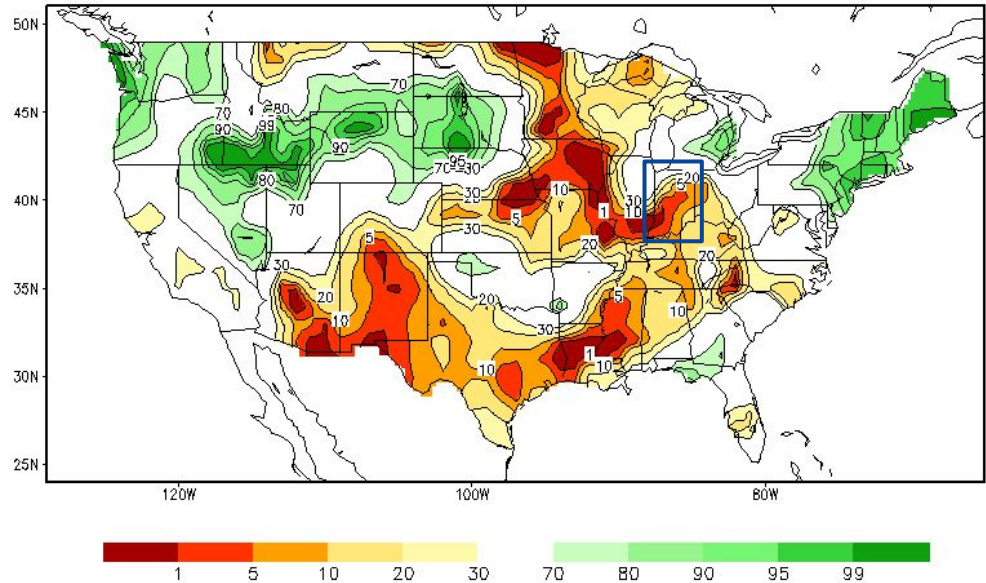


# Agricultural Impacts

- Soil moisture is very dry
- Field tiles are running dry

[Link to Latest Indiana Crop Report](#)

Calculated Soil Moisture Ranking Percentile  
DEC 13, 2023



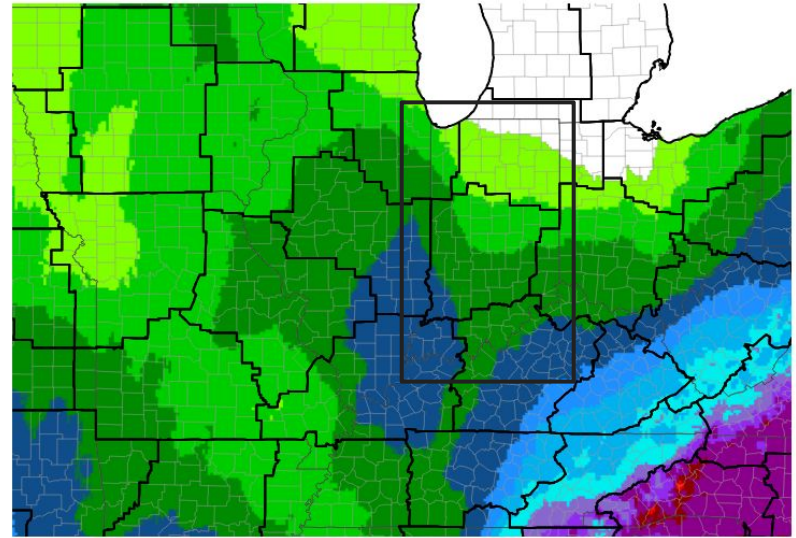




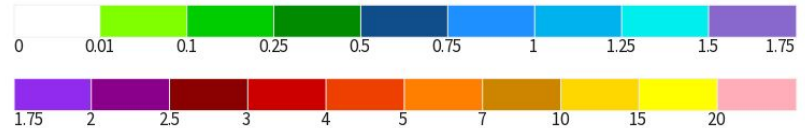
# Seven Day Precipitation Forecast

- There is about a tenth of an inch to half an inch of precipitation forecast across central Indiana through December 21st, and recent trends indicate totals may be lower than this

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



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

Data Valid: 12/14/23



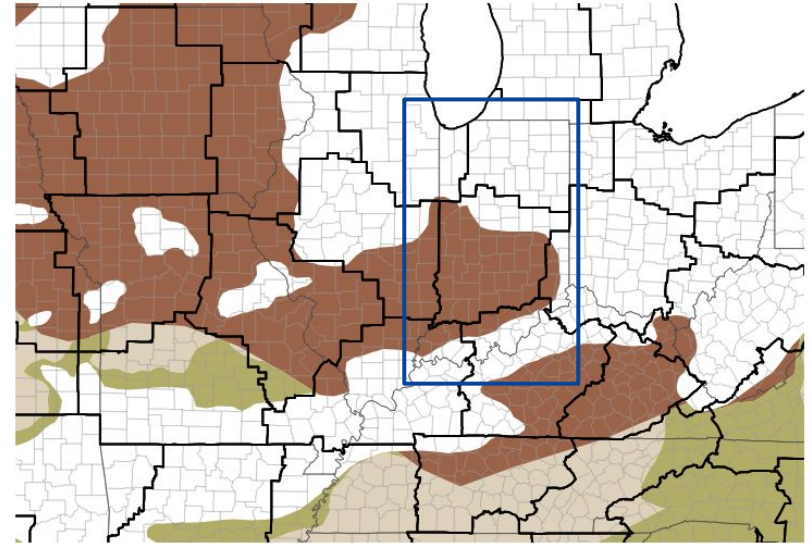


# Drought Outlook

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

- Drought is expected to persist over central and southern 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: 11/30/23

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)

