



Drought Information Statement for Central Indiana

Valid October 18, 2024

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated by November 15, 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 northern half of Indiana
- Dry pattern continues



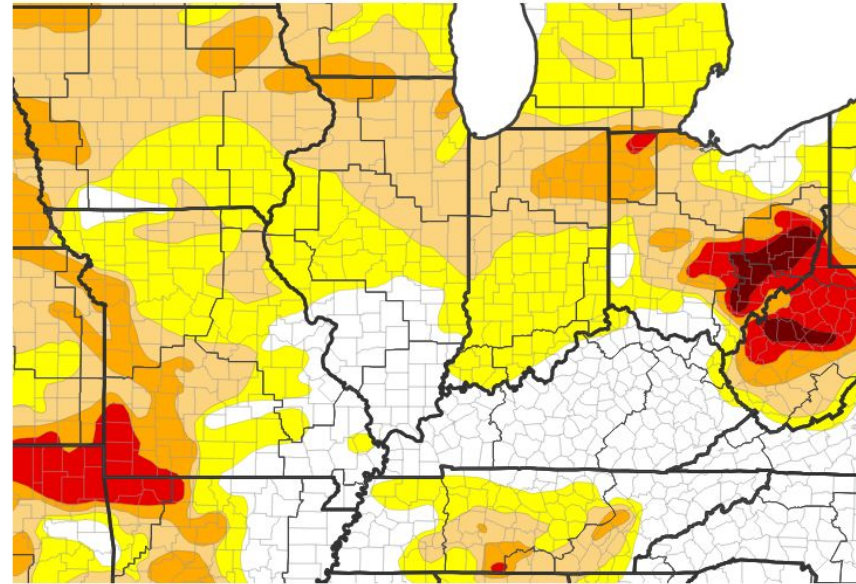


U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/15/24

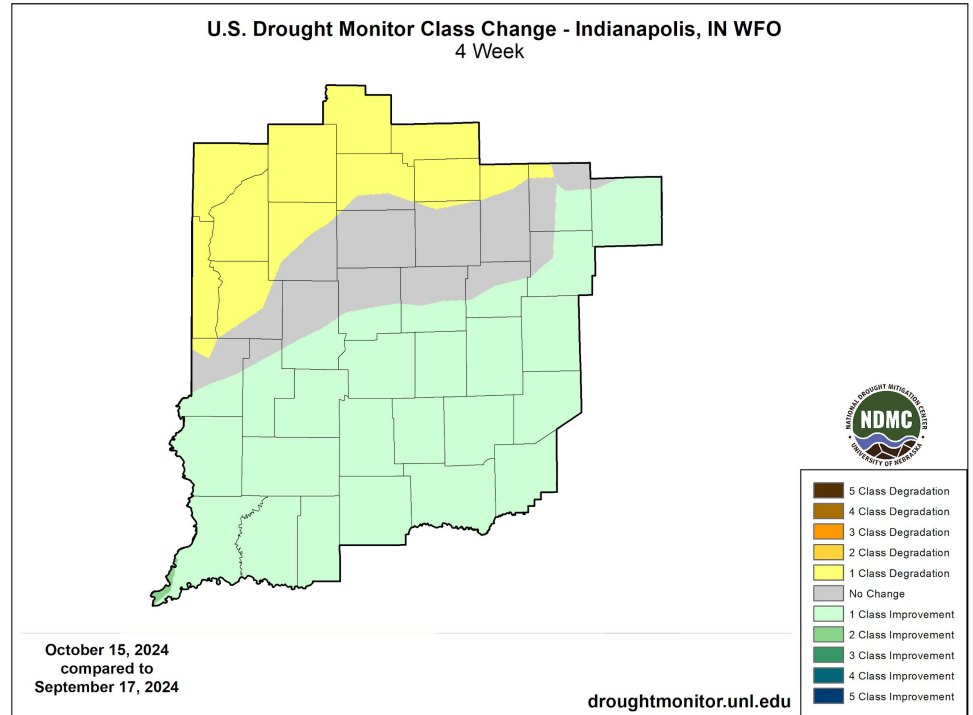




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
 - 1 class degradation over northern counties
 - 1 class improvement over southern counties
 - No change in middle portion from 4 weeks ago





Precipitation

- Below normal precipitation was the rule across most of northern and central Indiana the past 30 days, with near normal to above normal precipitation across southern Indiana
- Some spots in northern Indiana were as low as 10 to 25 percent of normal

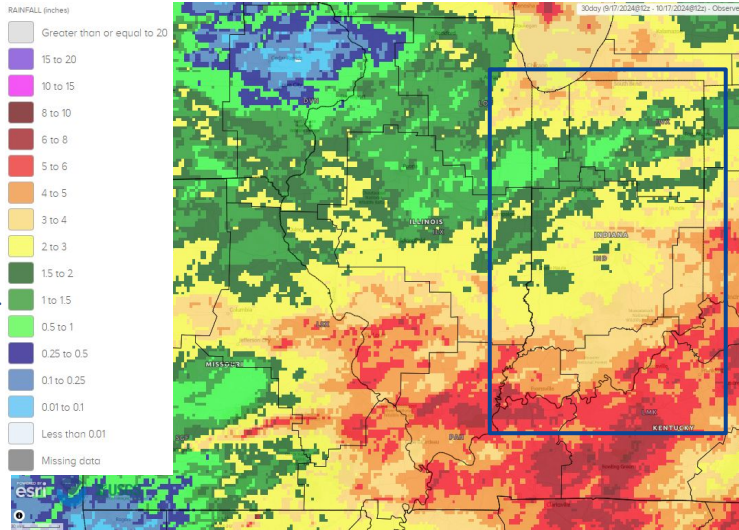


Image Caption: NWPS 30 day Precipitation Accumulation (inches) valid October 17, 2024

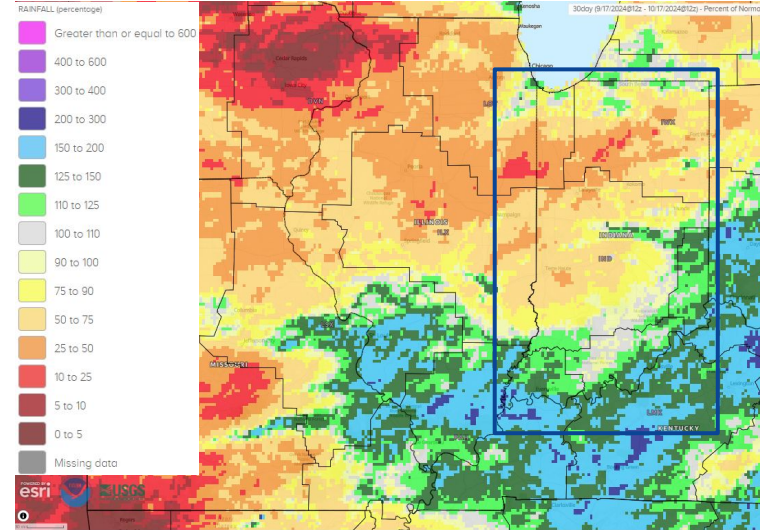


Image Caption: NWPS 30 day Precipitation Percent of Normal valid October 17, 2024



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

- Corn and soybean harvest progress significantly ahead of five year average
- Cooler weather aided pasture regrowth, but producers still relying on supplemental hay feedings ([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

- Streamflow is near normal across most of southern Indiana and northern Indiana along the Michigan border, with a good chunk of central Indiana below normal
- Numerous reports of low lake, pond and stream levels

Thursday, October 17, 2024

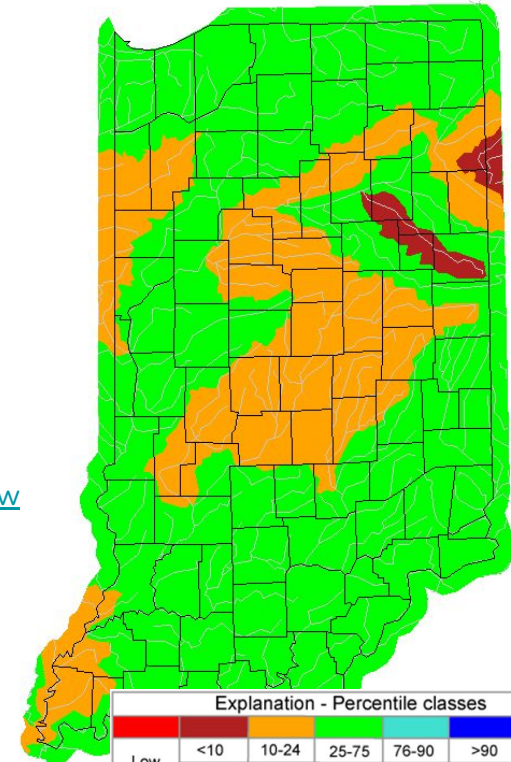


Image Caption:
[USGS 7 day average streamflow HUC map](#) for Indiana valid October 17, 2024

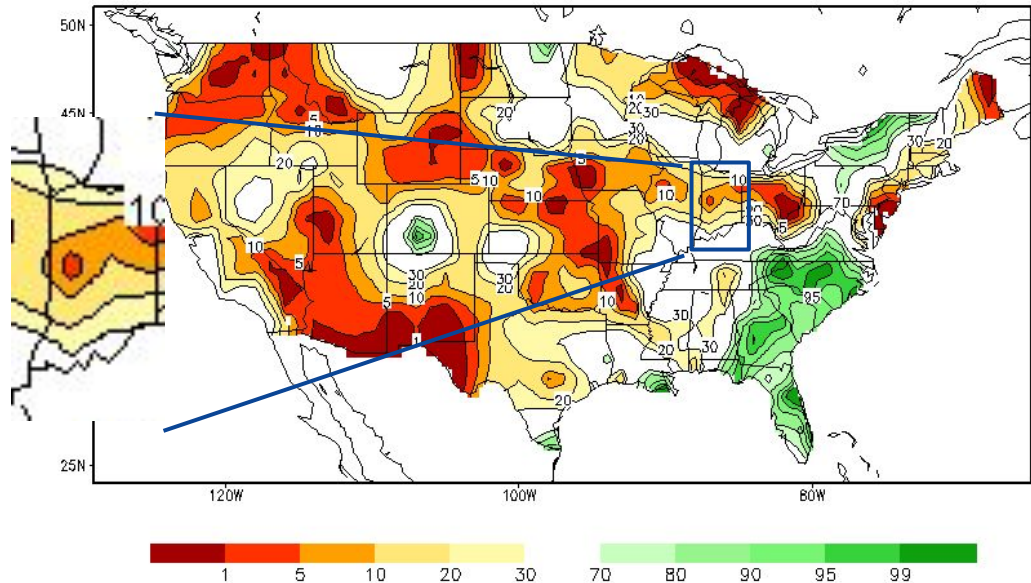




Agricultural Impacts

- Soil moisture is near normal across southern Indiana along the Ohio River, but very dry across central Indiana
- Corn and soybean harvest progress significantly ahead of five year average
- Small field and combine fires
- Cooler weather aided pasture regrowth, but producers still relying on supplemental hay feedings

Calculated Soil Moisture Ranking Percentile
OCT 16, 2024



[Link to Latest Indiana Crop Report](#)



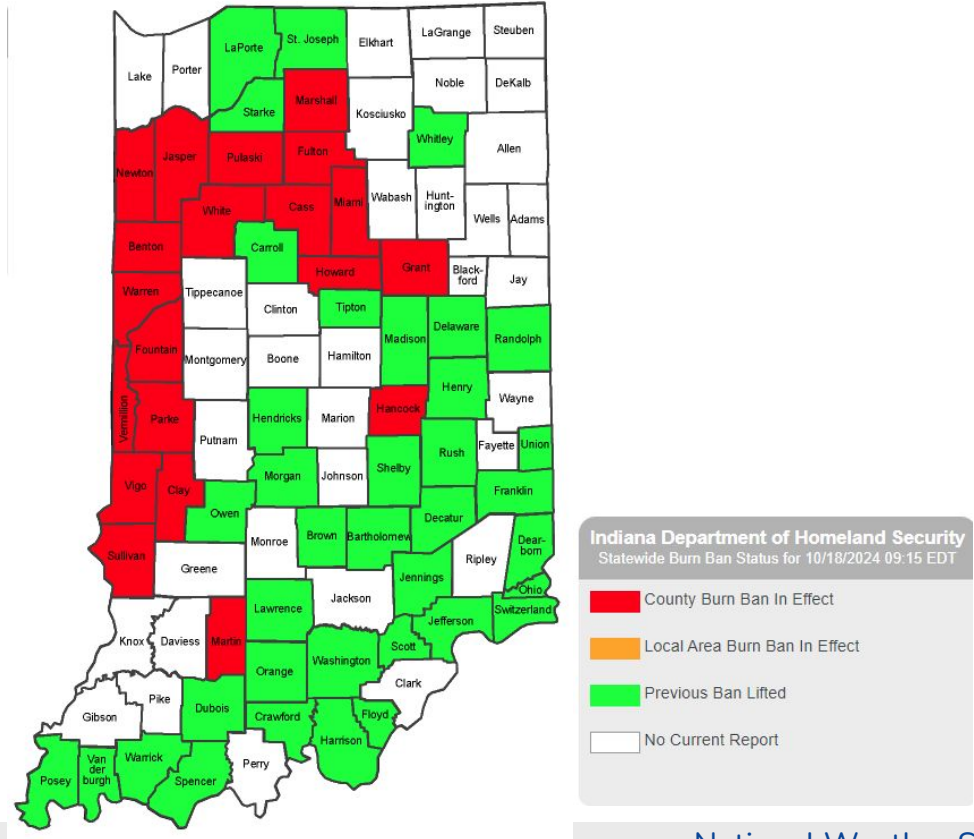


Fire Hazard Impacts

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

- County burn bans in place across much of northern and western Indiana
- Concern for continuing development of field and combine fires

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

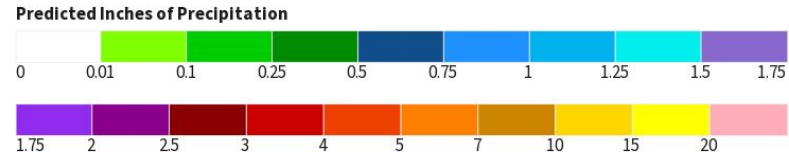
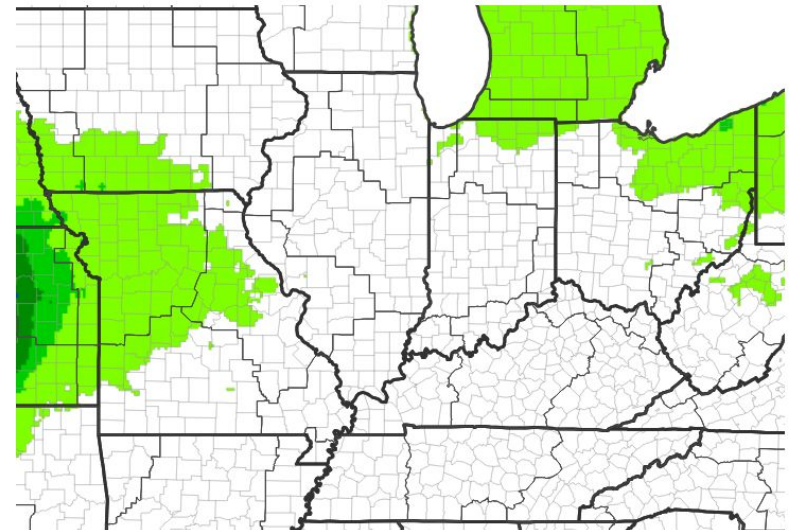




Seven Day Precipitation Forecast

- The seven day precipitation forecast shows almost no precipitation across the state.

7-Day Quantitative Precipitation Forecast for October 18, 2024–October 25, 2024



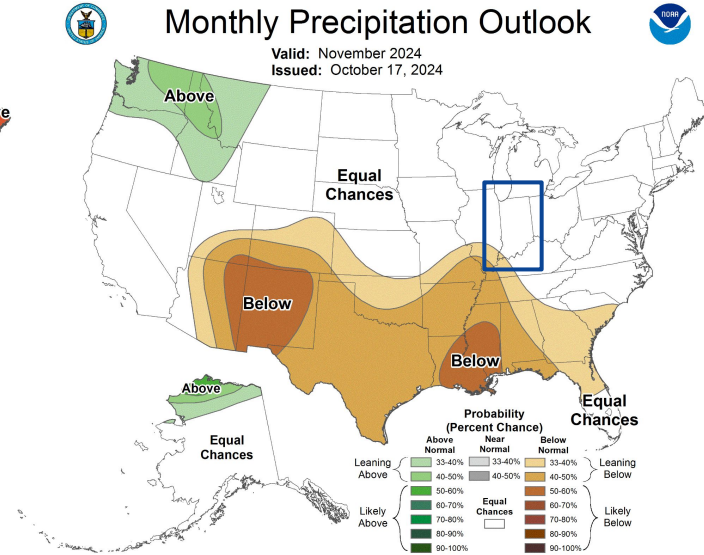
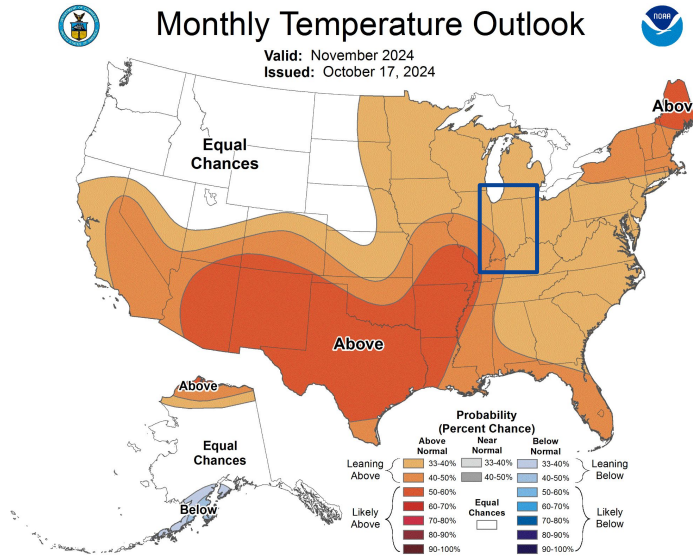
Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 10/18/24



Long-Range Outlooks

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

- November outlooks show a lean toward warmer than normal temperatures, and equal chances for all outcomes for precipitation





Drought Outlook

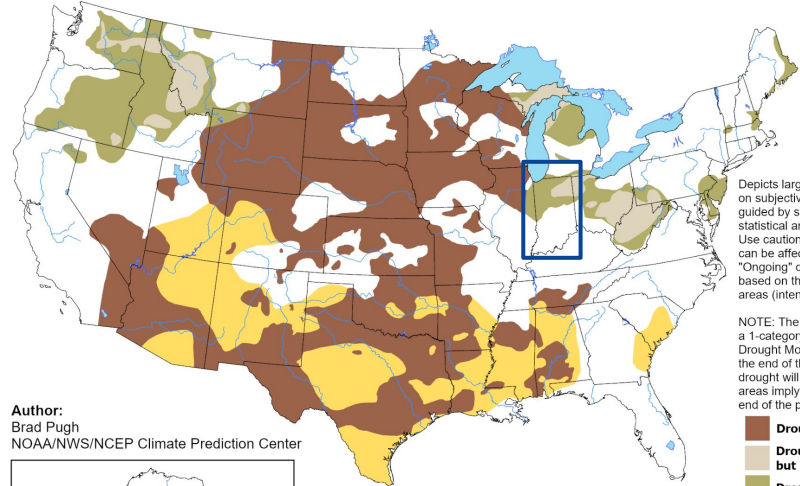
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

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

However, the current dry pattern looks to hold through the end of the month, so conditions could get worse before potential improvement this winter

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for October 17, 2024 - January 31, 2025
Released October 17, 2024

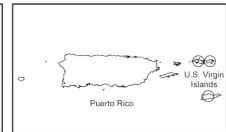
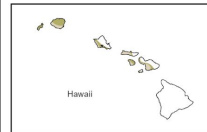


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. *Ongoing* drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists
- Drought remains, but improves
- Drought removal likely
- Drought development likely
- No drought

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<https://go.usa.gov/3eZ73>

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Indianapolis, IN