



# Drought Information Statement for Central Indiana

Valid October 4, 2024

Issued By: NWS Indianapolis, IN

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

- This product will be updated by November 1, 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.
- 
- Helene brought much needed moisture for improvements across the state
  - Long term forecast and pattern is dry, raising concern that drought conditions will return/worsen



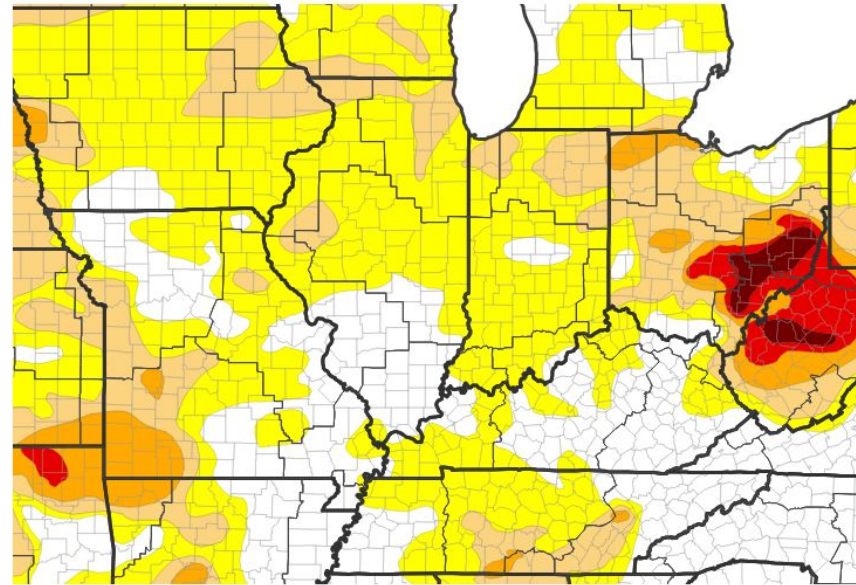


# U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/01/24

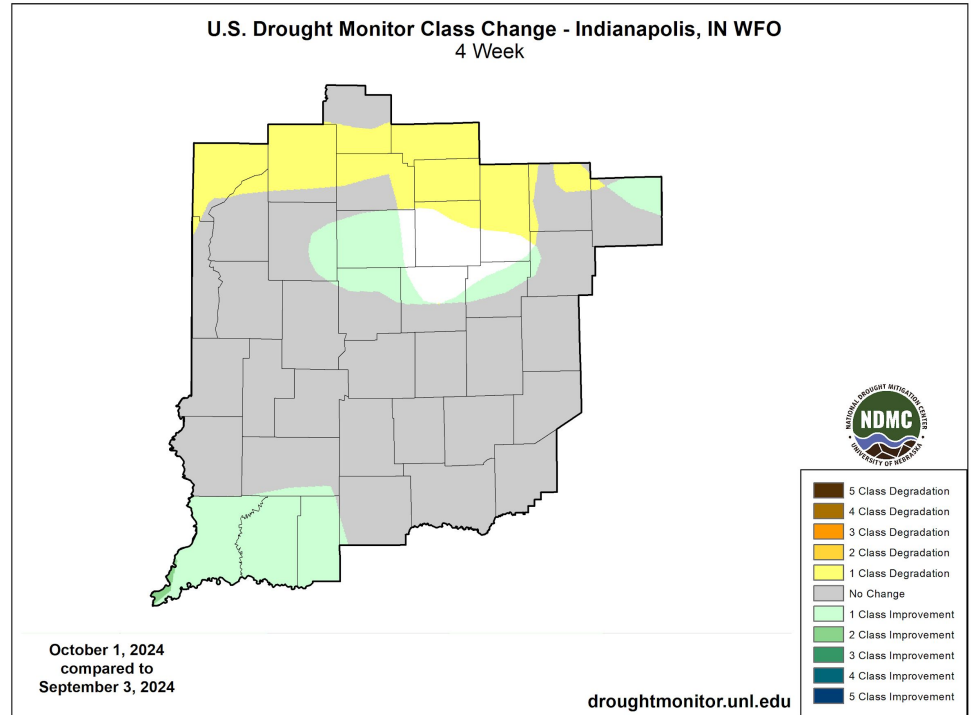




# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
  - 1 class degradation over some northern counties
  - 1 class improvement over southwestern counties
  - No change over much of central Indiana from 4 weeks ago





# Precipitation

- Below normal precipitation was the rule across much of Indiana the past 30 days, with above normal precipitation across only the far southern and southeastern counties

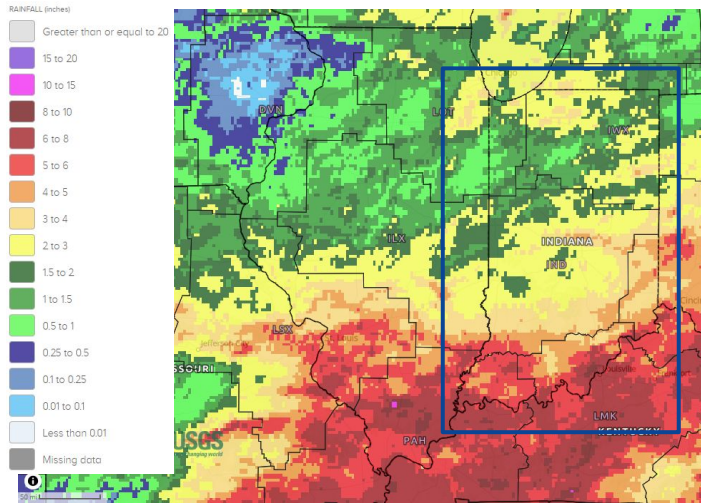


Image Caption: NWPS 30 day Precipitation Accumulation (inches) valid October 3, 2024

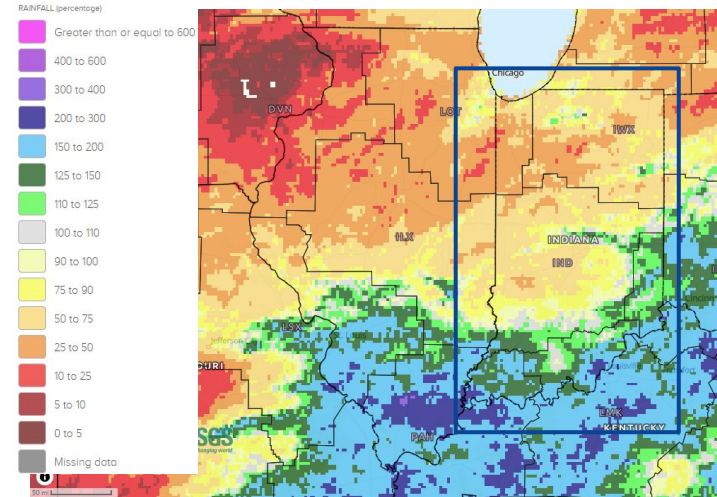


Image Caption: NWPS 30 day Precipitation Percent of Normal valid October 3, 2024





# Summary of Impacts

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

## Hydrologic Impacts

- Some pond levels remain lower than normal ([County Extension Drought Input](#))

## Agricultural Impacts

- Increased soil moisture levels aided germination of winter wheat and cover crops
- Pasture conditions improved slightly. Some supplemental feeding of livestock continues due to degraded pasture conditions ([USDA Indiana Crop Report](#), [County Extension Drought Input](#))

## Fire Hazard Impacts

- County burn bans removed ([IDHS Burn Ban Status](#))
- An extended dry forecast raises concerns for wildfire hazards by mid-October

## Other Impacts

- None reported

## Mitigation Actions

- None reported





# Hydrologic Conditions and Impacts

- Streamflow is near normal across most of Indiana, with above normal streamflow across southern Indiana along the Ohio River and above normal in parts of the White basin

Hednesday, October 02, 2024

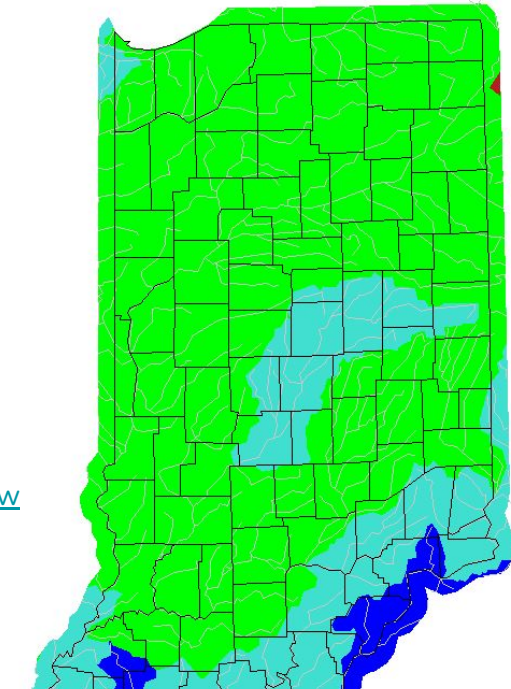


Image Caption:  
[USGS 7 day average streamflow HUC map](#) for Indiana valid October 2, 2024

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

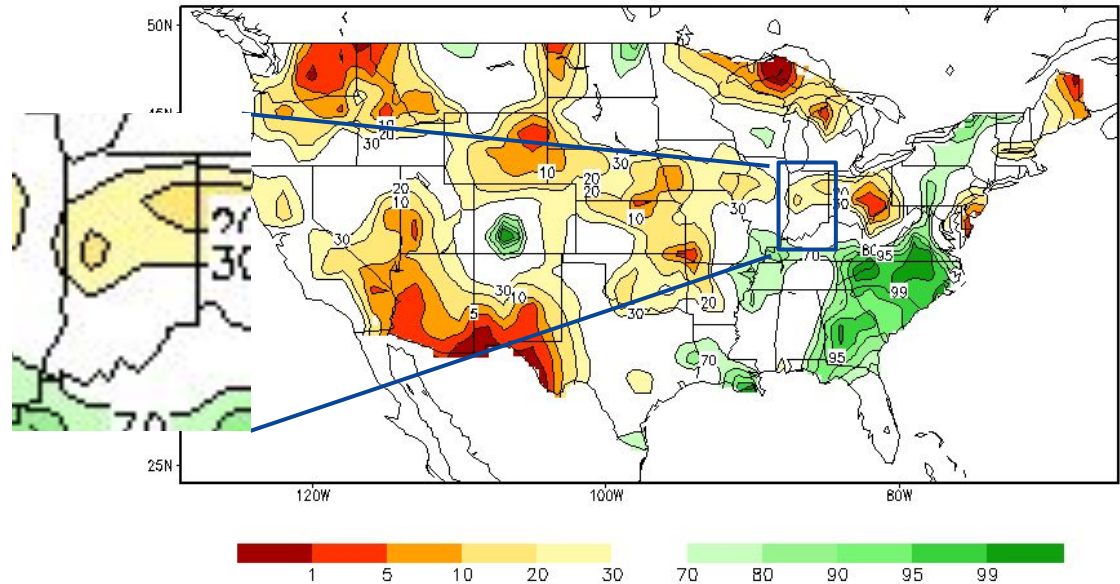




# Agricultural Impacts

- Soil moisture is near normal across southern portions of the state as well as a small strip along the northern border, with an area of drier than normal in middle and northern portions between
- Increased soil moisture levels aided germination of winter wheat and cover crops
- Pasture conditions improved slightly (29 percent in good to excellent condition)

Calculated Soil Moisture Ranking Percentile  
OCT 03, 2024



[Link to Latest Indiana Crop Report](#)



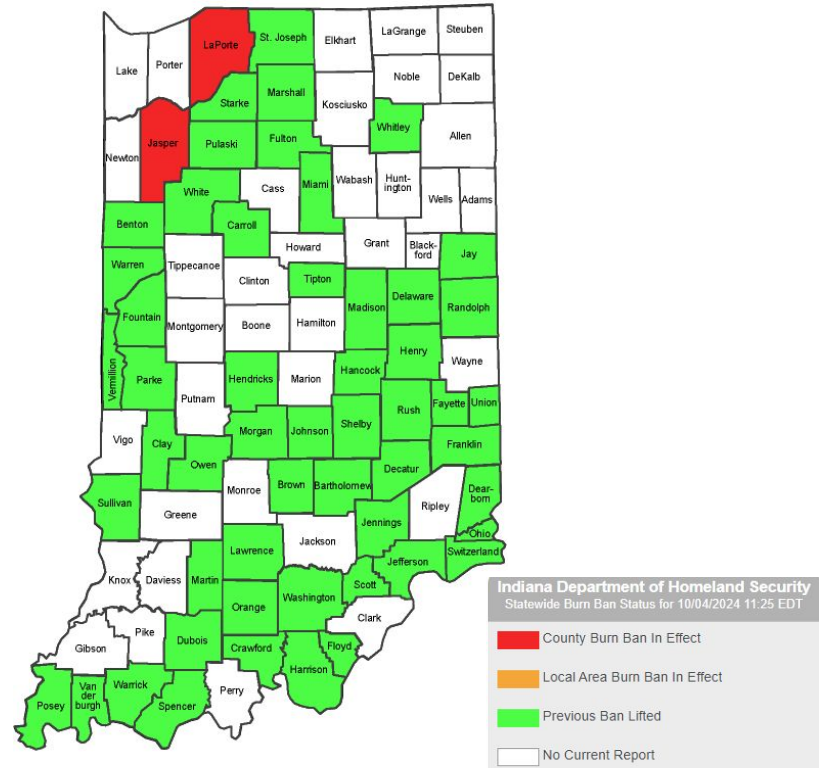


# Fire Hazard Impacts

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

- County burn bans removed across the state with the exception of far northwest Indiana
- An extended dry forecast raises concerns for wildfire hazards by mid-October

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



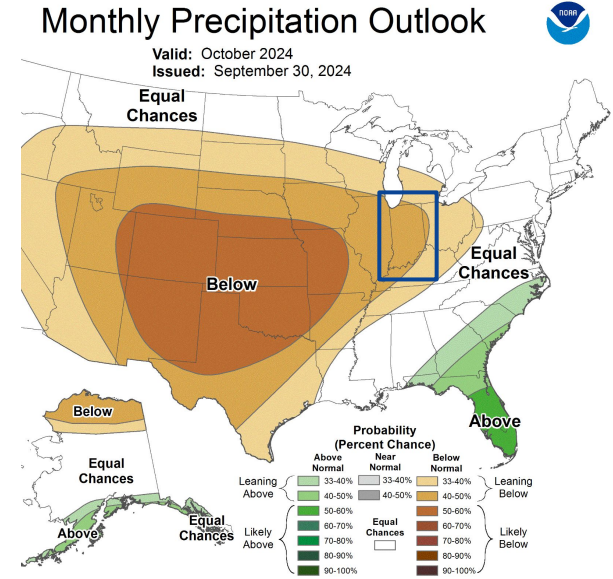
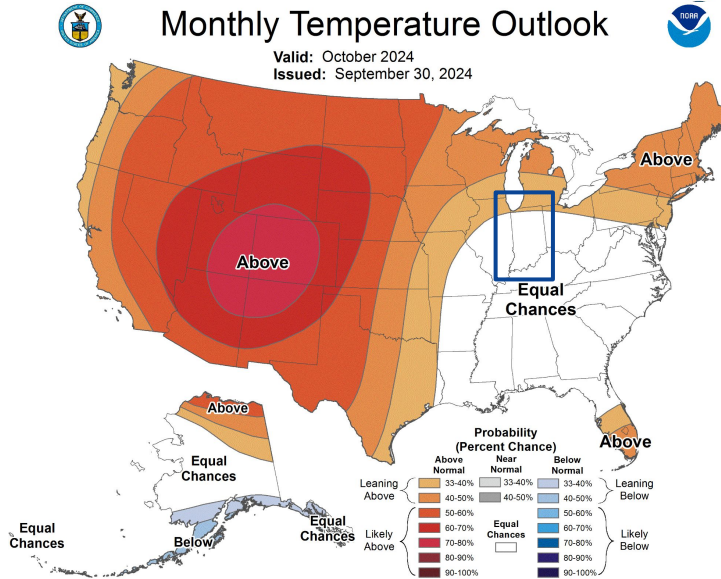




# Long-Range Outlooks

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

- October outlooks show equal chances for all outcomes for temperatures, and a lean toward below normal precipitation over the state





# Drought Outlook

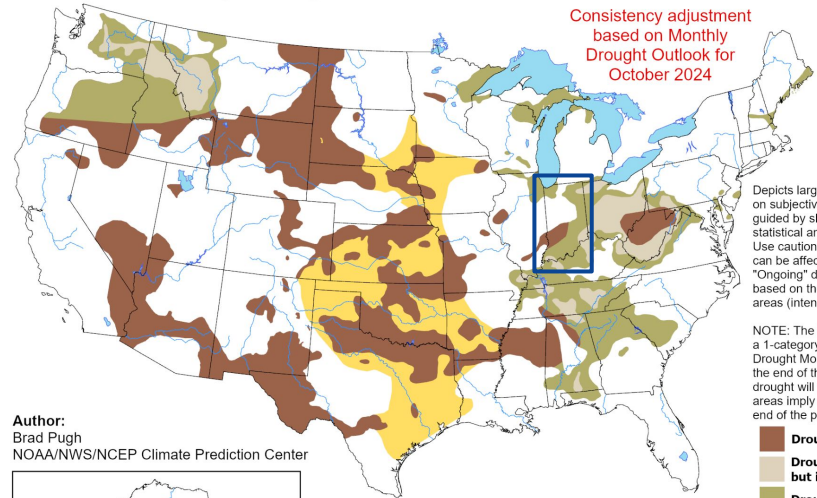
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought is predicted to persist over the parts of southwestern Indiana, and improve or end across the rest of the state during the 3 month period ending December 31st

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

Valid for October 1 - December 31, 2024  
Released September 30, 2024

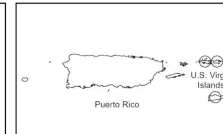
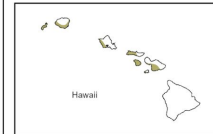
Consistency adjustment  
based on Monthly  
Drought Outlook for  
October 2024



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).

Author:  
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NOAA/NWS/NCEP Climate Prediction Center



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



<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