



Drought Information Statement for Central Indiana

Valid September 20, 2024

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated by October 19, 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.

- Over 70% of the state is in Moderate Drought (D1) or worse
- Concern for fires grows—many county burn bans in place



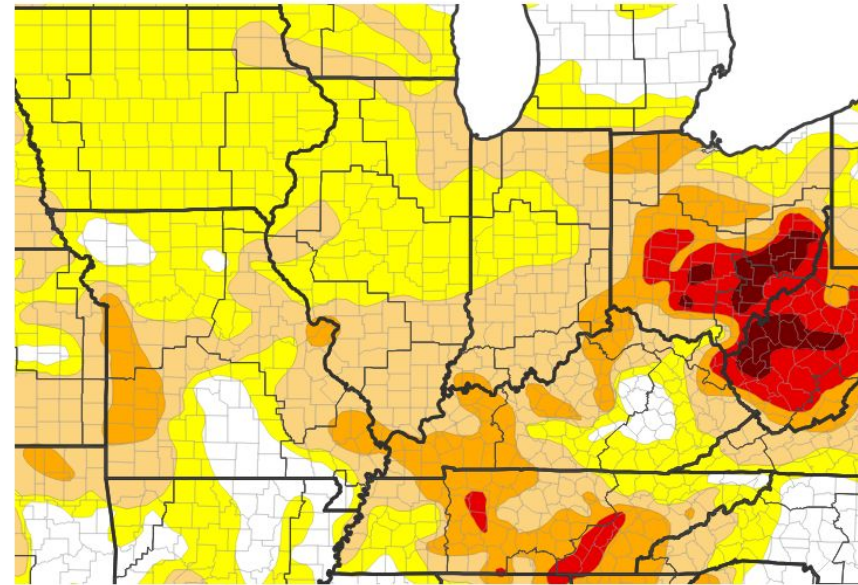


U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 09/17/24

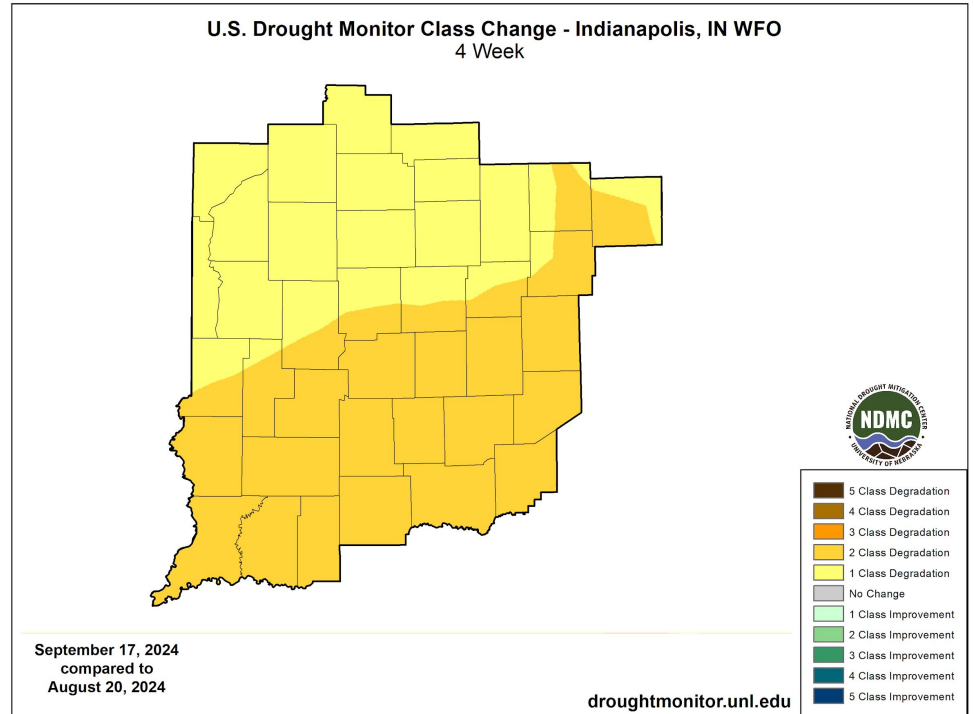




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
 - 1 class degradation over northern half of the area
 - 2 class degradation over southern half of the area

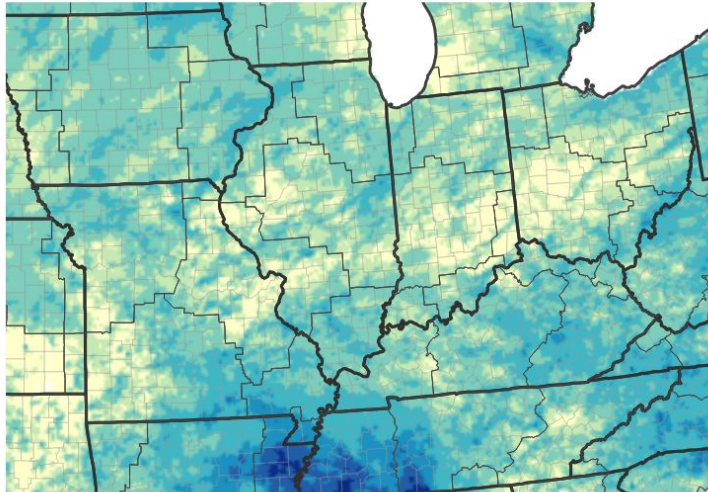




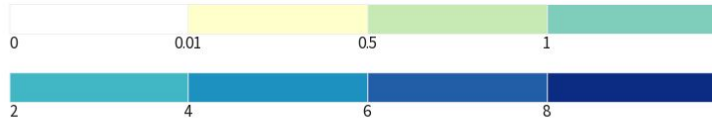
Precipitation

- Below normal precipitation was the rule across Indiana the past 30 days
- Much of central Indiana saw 0 to 25% of normal

NWPS 30-Day Precipitation Accumulations (inches)



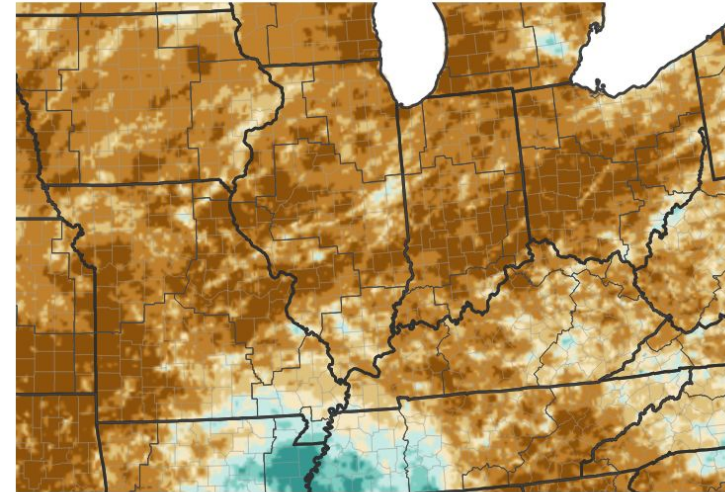
Inches of Precipitation



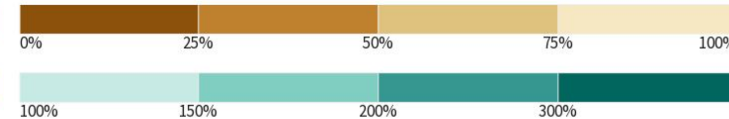
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 09/18/24

30-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)



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

Data Valid: 09/18/24





Summary of Impacts

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

Hydrologic Impacts

- Low pond and lake levels ([County Extension Drought Input](#))
- Below to well below normal streamflow ([USGS](#))

Agricultural Impacts

- 78% of topsoil moisture was rated short or very short ([USDA Indiana Crop Report](#))
- Supplemental feeding of livestock ongoing due to poor pasture conditions ([USDA Indiana Crop Report](#), [County Extension Drought Input](#))

Fire Hazard Impacts

- Well over half the state has county burn bans in place ([IDHS Burn Ban Status](#))
- Above Normal Wildland Fire Potential highlighted for southern Indiana for October ([National Interagency Coordination Center](#))

Other Impacts

- Lawns brown, soils cracking, leaves falling early ([County Extension Drought Input](#))

Mitigation Actions

- None reported





Hydrologic Conditions and Impacts

- Streamflow is below normal across much of Indiana, with near normal values near the Ohio River and in parts of the upper Wabash basin, and much below normal flow in a couple of eastern basins
- Some algae growth reported ([County Extension Drought Input](#))

Thursday, September 19, 2024

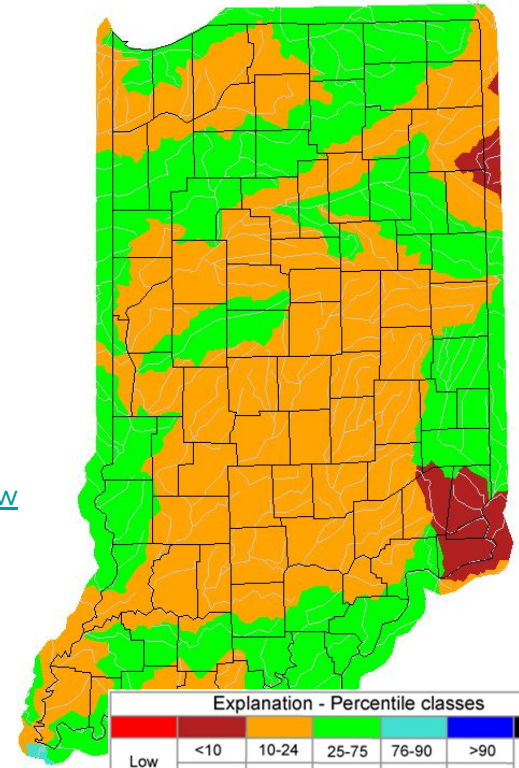


Image Caption:
[USGS 7 day average streamflow HUC map](#) for Indiana valid September 19, 2024

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

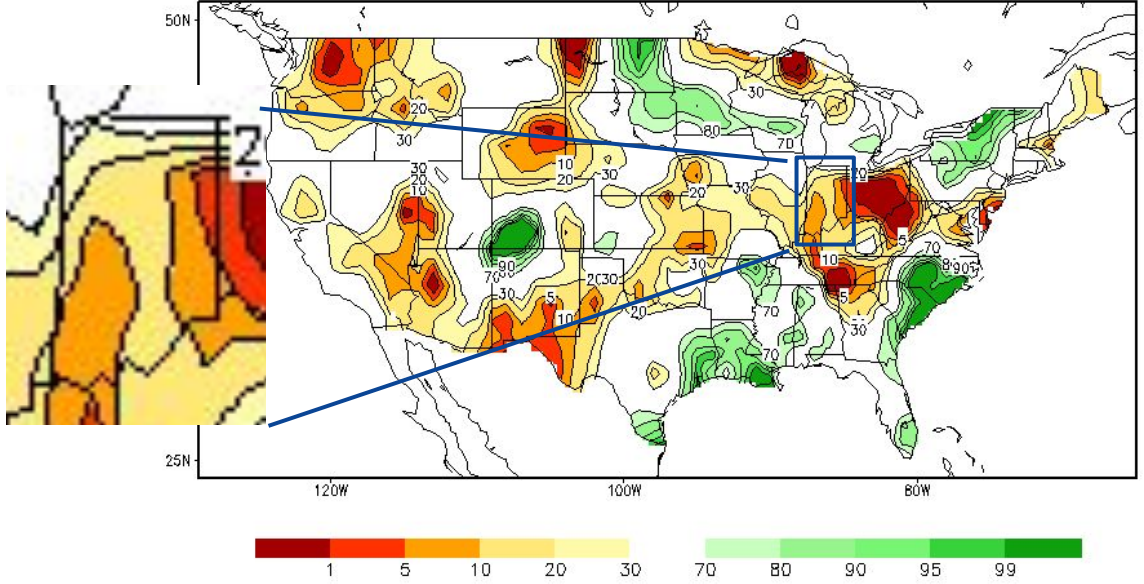




Agricultural Impacts

- Soil moisture is well below normal across the state, with the driest values across central and southern Indiana
- Supplemental feeding of livestock due to poor pasture conditions
- Crops drying down quicker than usual

Calculated Soil Moisture Ranking Percentile
SEP 18, 2024



[Link to Latest Indiana Crop Report](#)

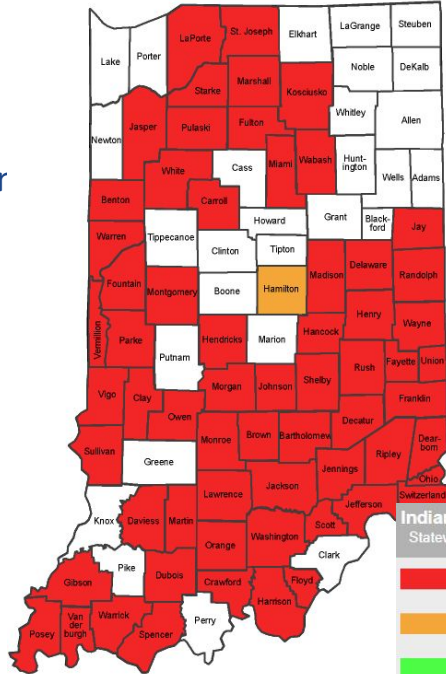


Fire Hazard Impacts

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

- County burn bans are in effect for much of Indiana
- Parts of southern Indiana included in the Above Normal Risk area for Significant Wildland Fire Potential for October

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



Indiana Department of Homeland Security
 Statewide Burn Ban Status for 09/20/2024 09:40 EDT

- County Burn Ban In Effect
- Local Area Burn Ban In Effect
- Previous Ban Lifted
- No Current Report

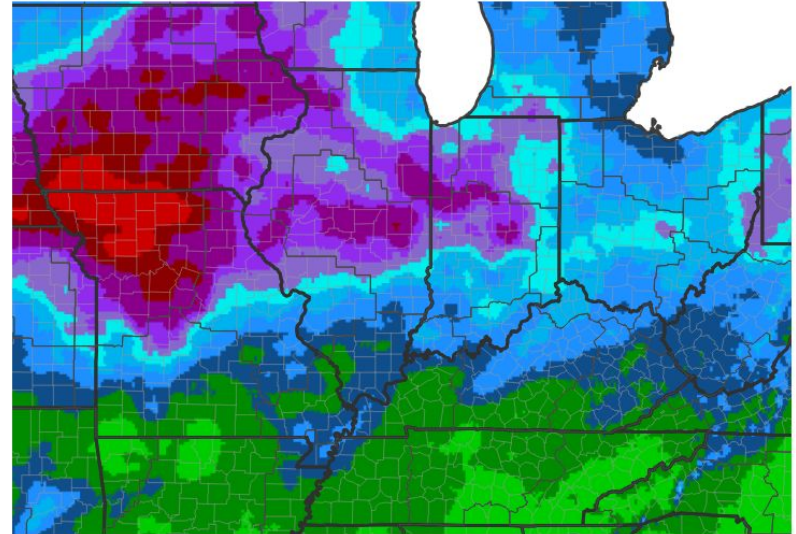




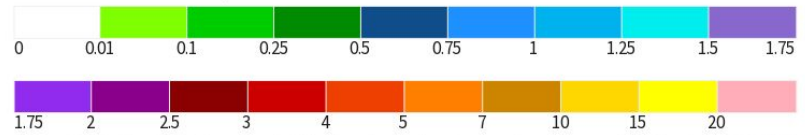
Seven Day Precipitation Forecast

- The seven day precipitation forecast shows potential for beneficial rainfall across the state. Amounts may be overdone, but models have been trending in this direction.

7-Day Quantitative Precipitation Forecast for September 19, 2024–September 26, 2024



Predicted Inches of Precipitation



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

Last Updated: 09/19/24



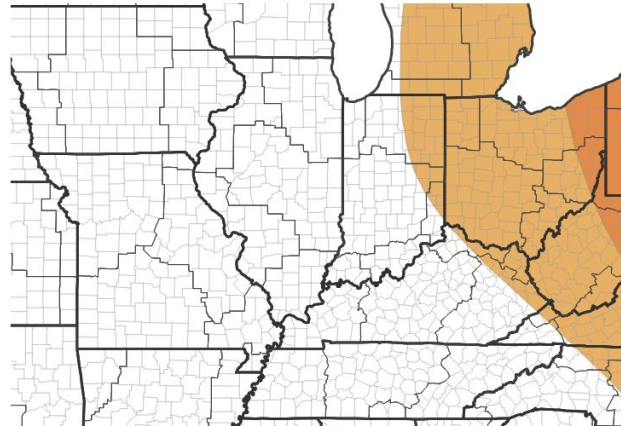


Long-Range Outlooks

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

- October outlooks lean toward above normal temperatures over eastern portions of the state, and below normal precipitation over southwestern parts of Indiana

Monthly Temperature Outlook for October 1, 2024–October 31, 2024



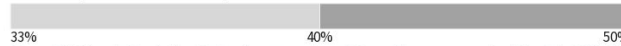
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



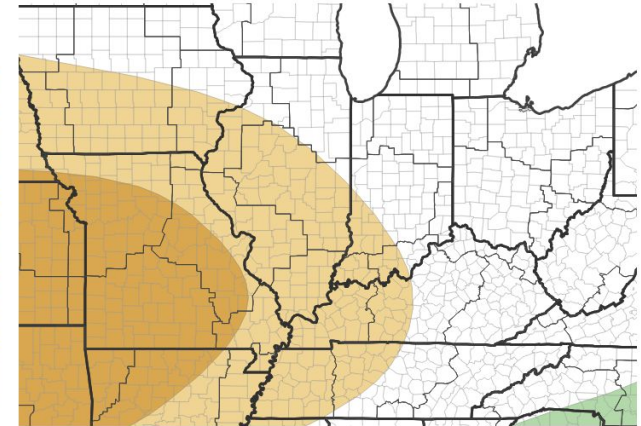
Probability of Near-Normal Temperatures



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

Last Updated: 09/19/24

Monthly Precipitation Outlook for October 1, 2024–October 31, 2024



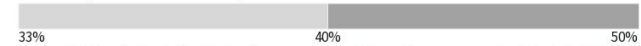
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

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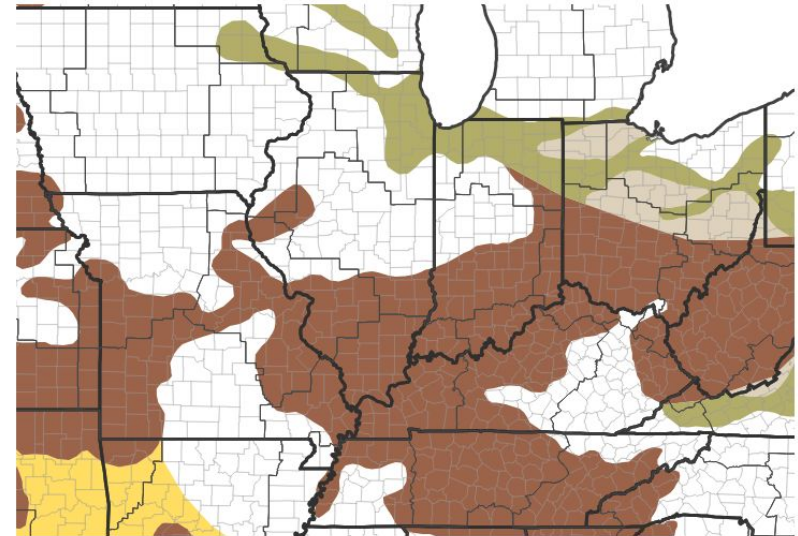


Drought Outlook

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

- Drought is predicted to persist over the southern half of Indiana, and improve or end across northern Indiana, during the 3 month period ending November 30th

Seasonal (3-Month) Drought Outlook for August 31, 2024–November 30, 2024



Drought Is Predicted To...



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

Last Updated: 09/19/24

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