

Drought Information Statement for Central Indiana

Valid September 6, 2024

Issued By: NWS Indianapolis, IN

Contact Information: nws.indianapolis@noaa.gov

- This product will be updated by October 4, 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.

- Moderate Drought conditions (D1) return to Indiana
- Dry weather is expected and could worsen conditions going forward



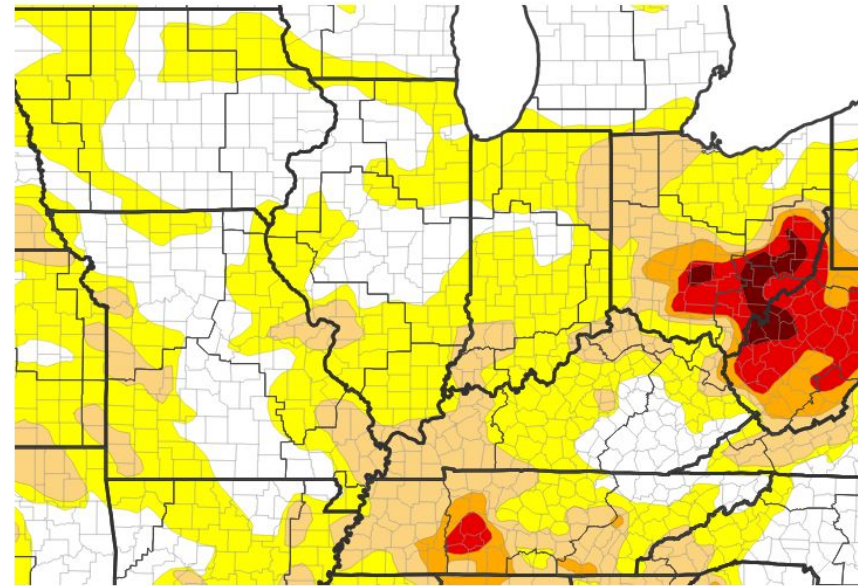


U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 09/03/24

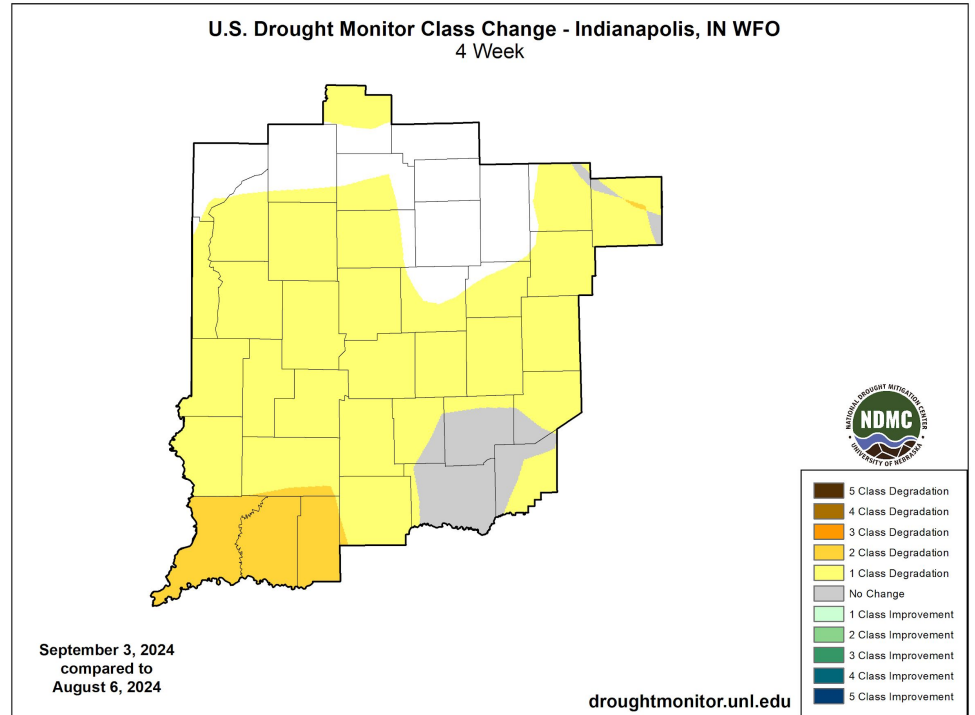




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
 - 1 class degradation over much of the area
 - 2 class degradation over southwestern counties

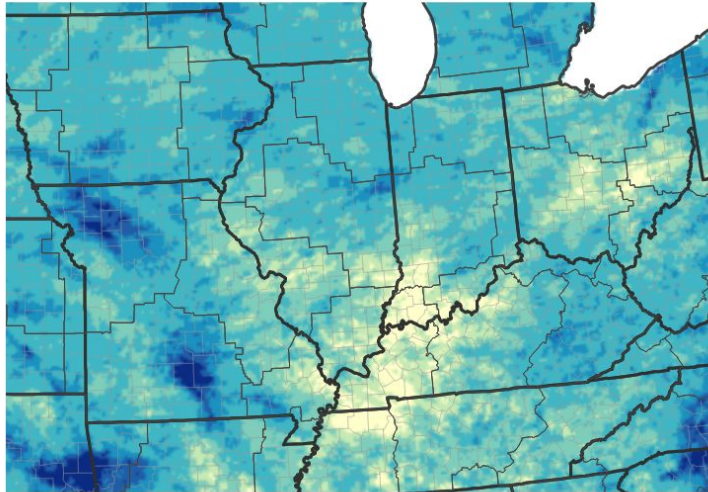




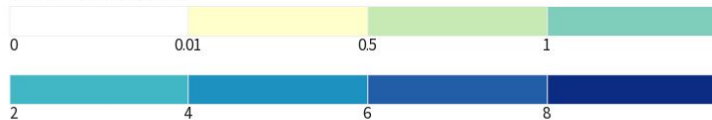
Precipitation

- Most of Indiana saw below normal precipitation for the last 30 days, with a couple of exceptions of near to above normal in northern and northwestern parts of central Indiana.
- Southwestern counties saw 0 to 25% of normal, with central and northeast parts of the state seeing 25 to 75% of normal

NWPS 30-Day Precipitation Accumulations (inches)

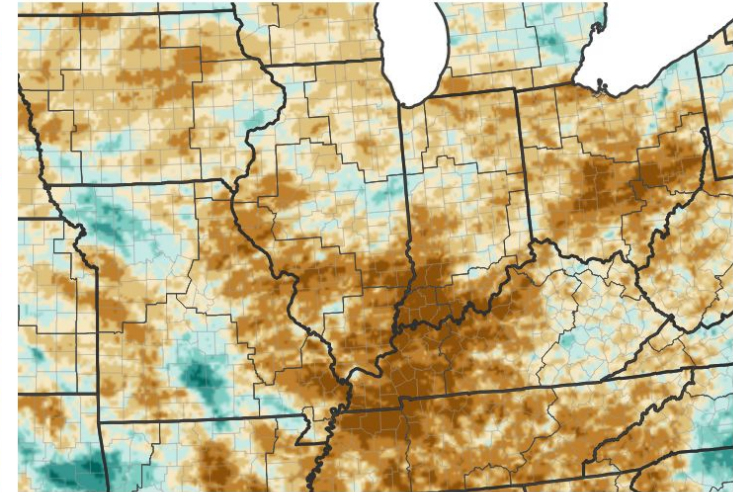


Inches of Precipitation

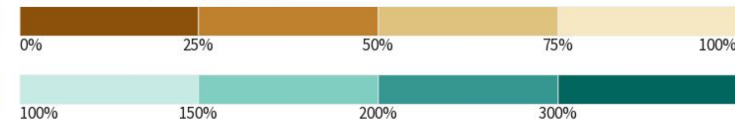


Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov Data Valid: 09/04/24

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: 09/04/24

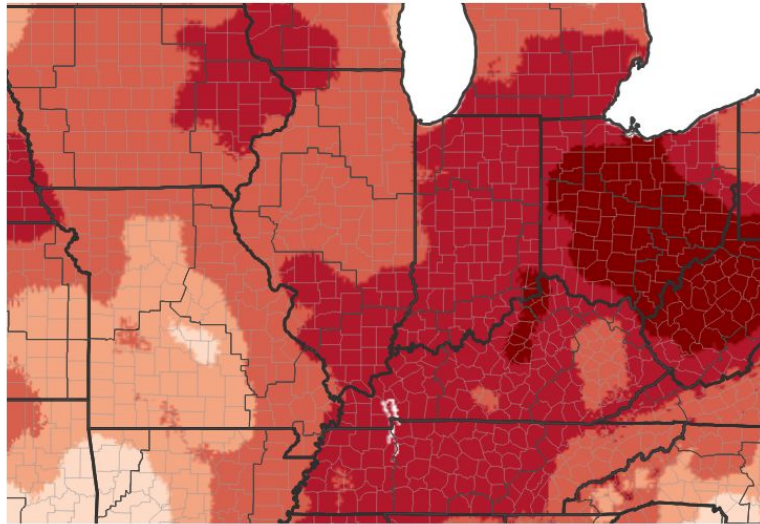




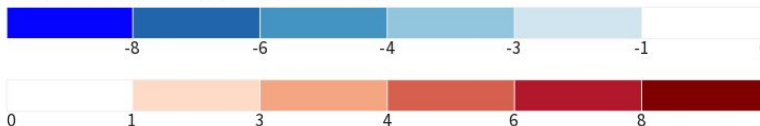
Temperature

- The 7 day temperature anomaly (ending Sept 1) over most of the state for max temperatures has been 6 to 8 degrees above normal
- The 30 day anomaly (again ending Sept 1) shows max temperatures a little warmer than normal across eastern Indiana

7-Day Temperature Anomaly



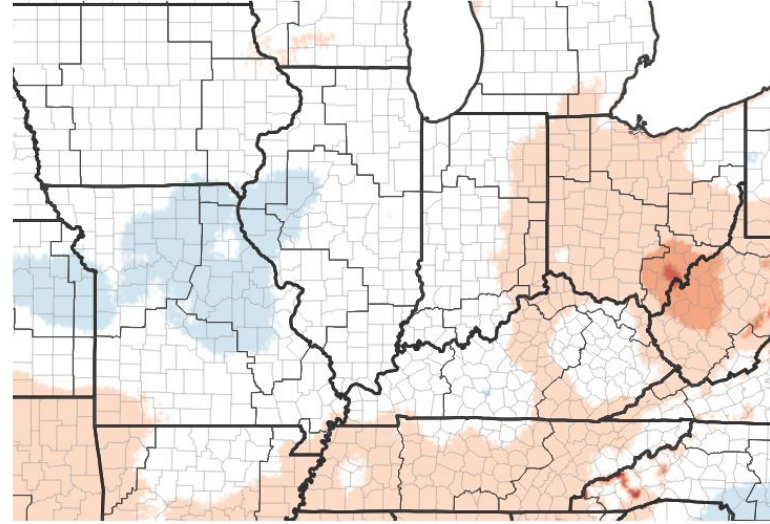
Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 09/01/24

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 09/01/24





Summary of Impacts

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

Hydrologic Impacts

- Reports of low pond and lake levels ([County Extension Drought Input](#))

Agricultural Impacts

- Topsoil moisture decreased, with only 46% rated adequate or surplus ([USDA Indiana Crop Report](#))
- Less than half of pastures are in good to excellent condition. Some supplemental feeding occurring ([USDA Indiana Crop Report](#), [County Extension Drought Input](#))

Fire Hazard Impacts

- Several 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

- Increased lawn watering ([County Extension Drought Input](#))

Mitigation Actions

- None reported





Hydrologic Conditions and Impacts

- Streamflow is near normal across much of Indiana, with pockets of below normal over southwestern, southern, and southeastern Indiana, as well as a pocket of below to much below normal over eastern Indiana.

Thursday, September 05, 2024

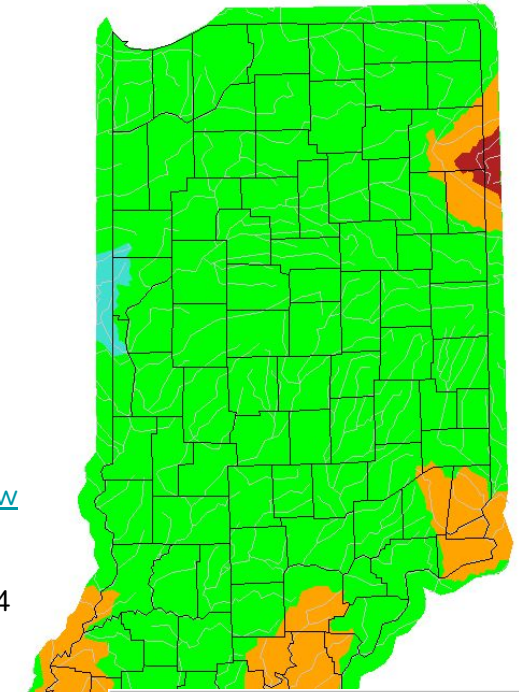


Image Caption:
[USGS 7 day average streamflow HUC map](#) for Indiana valid September 5, 2024

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

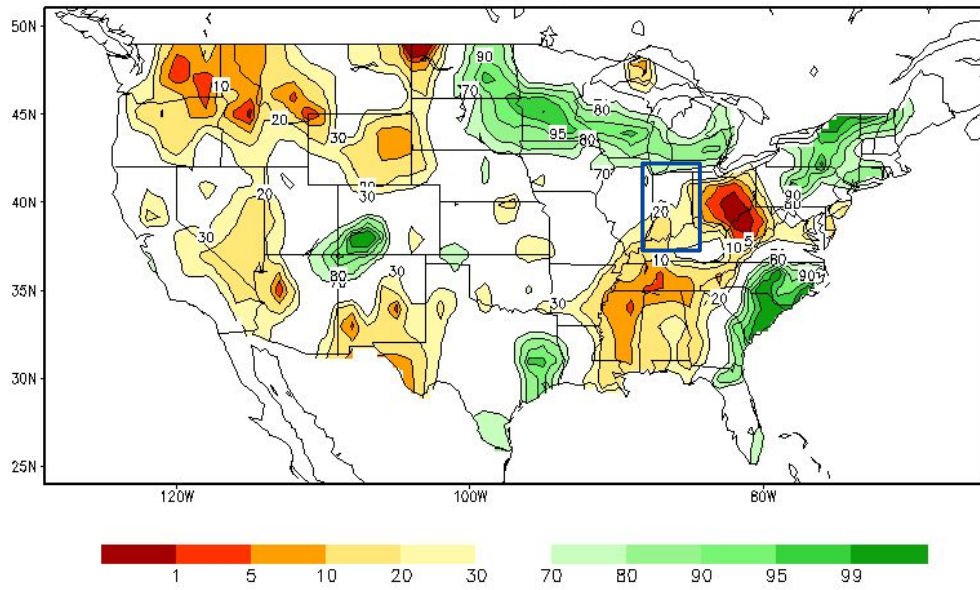




Agricultural Impacts

- Soil moisture is near normal for the northern half or so of Indiana, and running in the 10th to 30th percentile over the southern half of the state
- Less than half of pastures are in good to excellent condition
- Corn and soybean conditions have decreased slightly with lack of rain

Calculated Soil Moisture Ranking Percentile
SEP 05, 2024



[Link to Latest Indiana Crop Report](#)

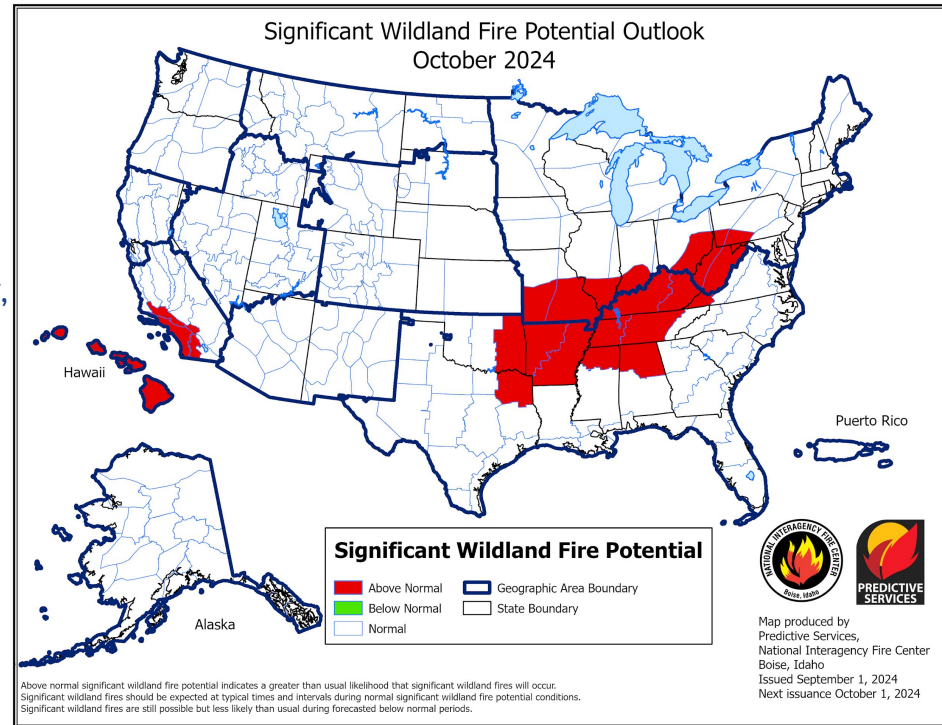


Fire Hazard Impacts

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

- Parts of southern Indiana included in the Above Normal Risk area for Significant Wildland Fire Potential for October
- County burn bans are in effect for 8 counties in southwestern and southeastern Indiana, including Dubois, Gibson, Martin, Posey, Spencer, Switzerland, Vanderburgh and Warrick.

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

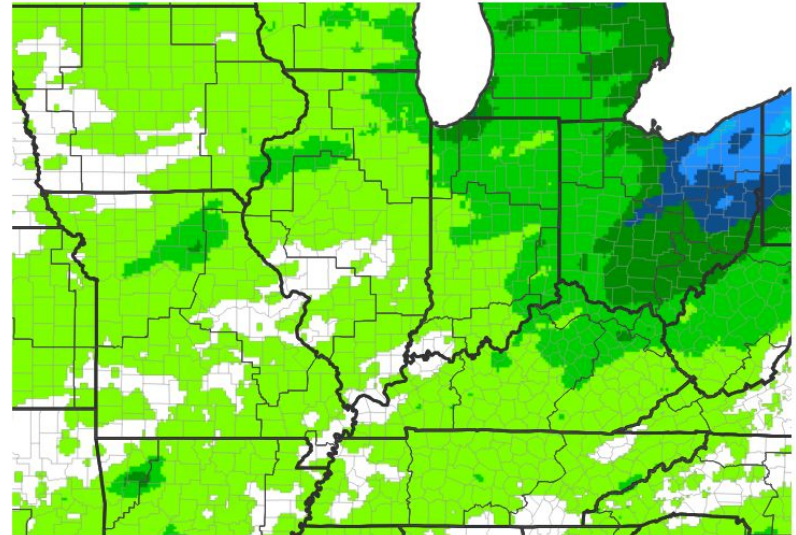




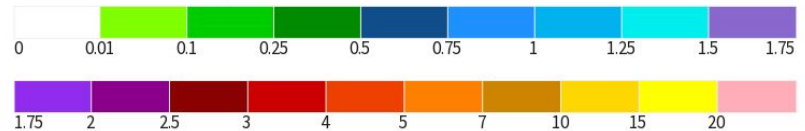
Seven Day Precipitation Forecast

- The seven day precipitation total forecast shows mostly dry conditions for the next week, with 0.01 to 0.25 inches across the majority of the state

7-Day Quantitative Precipitation Forecast for September 5, 2024–September 12, 2024



Predicted Inches of Precipitation



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

Last Updated: 09/05/24





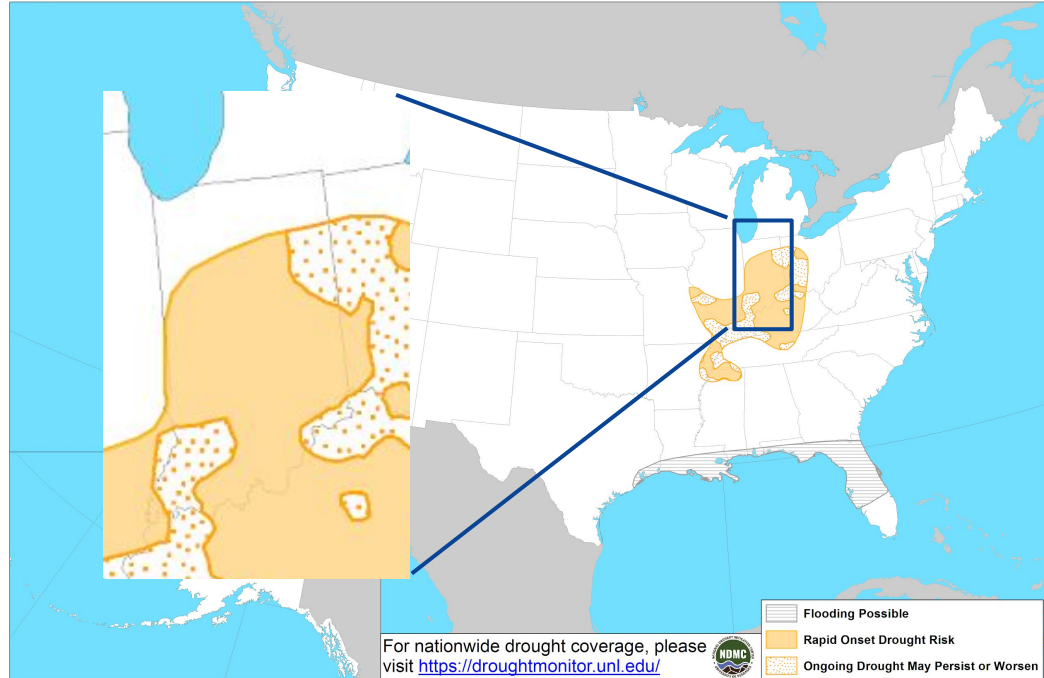
Rapid Onset Drought Outlook

Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Rapid onset drought risk is in place for most of the state excluding northern Indiana
- Areas already experiencing drought are expected to persist or worsen



Day 8-14 U.S. Hazards Outlook
Valid: 09/13/2024-09/19/2024



Climate Prediction Center
Made: 09/05/2024 3PM EDT

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www.cpc.ncep.noaa.gov



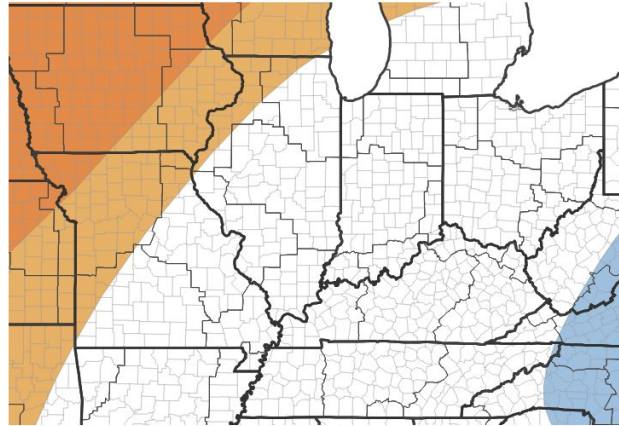


Long-Range Outlooks

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

- September outlooks favor near normal temperatures over the state, and a lean toward drier than normal precipitation over the northern half or so of the state with near normal precipitation favored over the southern half

Monthly Temperature Outlook for September 1, 2024–September 30, 2024



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



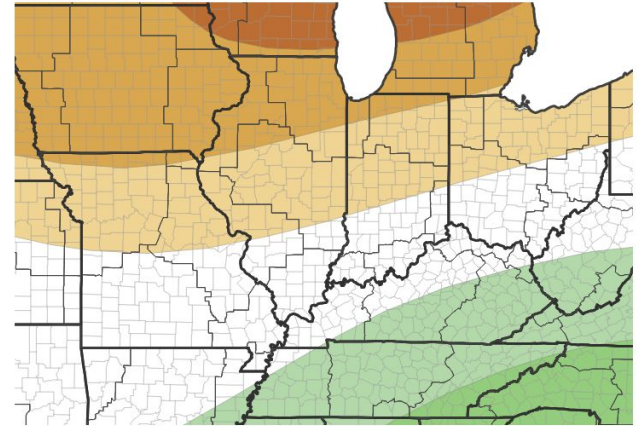
Probability of Near-Normal Temperatures



Source: Climate Prediction Center image courtesy of Drought.gov

Last Updated: 09/31/24

Monthly Precipitation Outlook for September 1, 2024–September 30, 2024



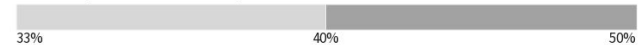
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



Source: Climate Prediction Center image courtesy of Drought.gov

Last Updated: 09/31/24



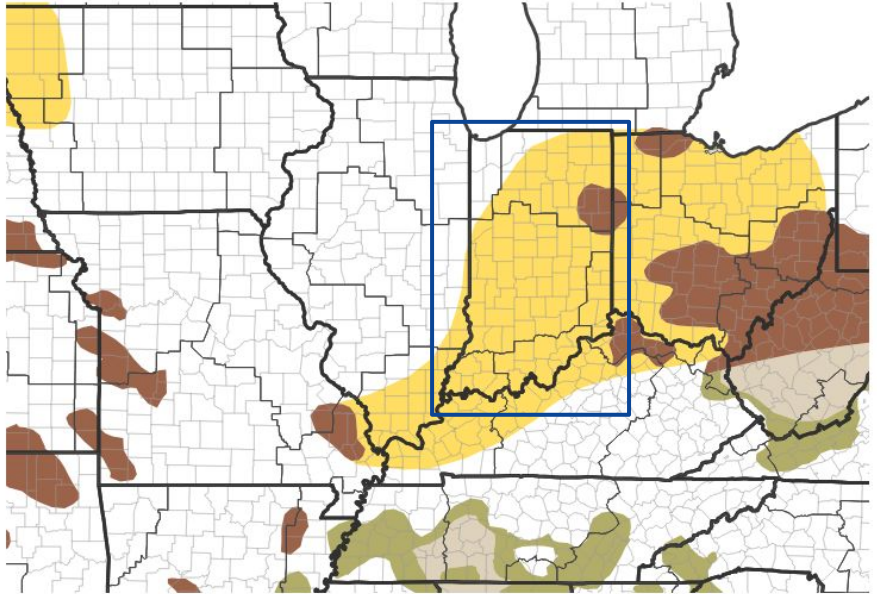


Drought Outlook

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

- Drought is predicted to develop over most of the state (the exception being northwestern parts of the state) during the month of September, and to persist where it already exists

1-Month Drought Outlook for September 1, 2024–September 30, 2024



Drought Is Predicted To...



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

Last Updated: 08/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

