



# Drought Information Statement for central Indiana

Valid June 27, 2024

Issued By: NWS Indianapolis, IN

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

- This product will be updated July 27, 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 (D1) reintroduced in Indiana for the first time since April 9th.



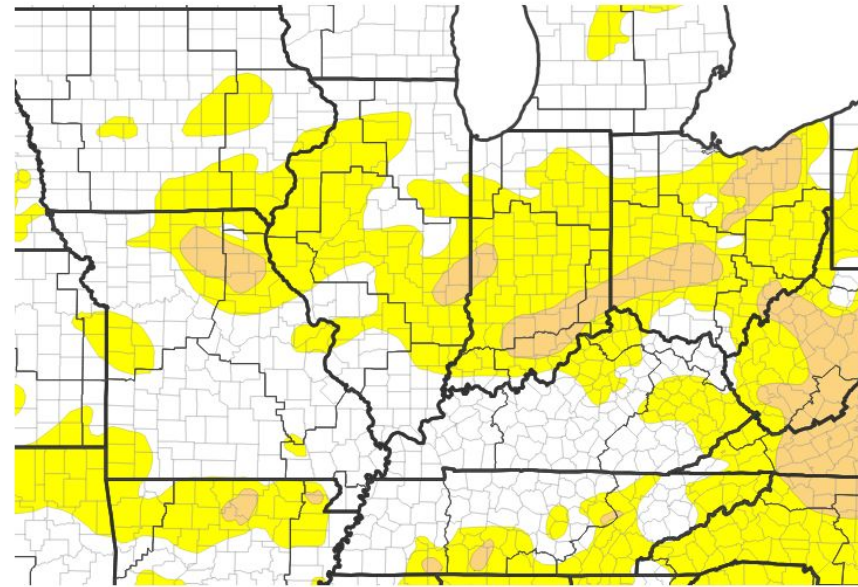


# U.S. Drought Monitor

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

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

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 06/25/24

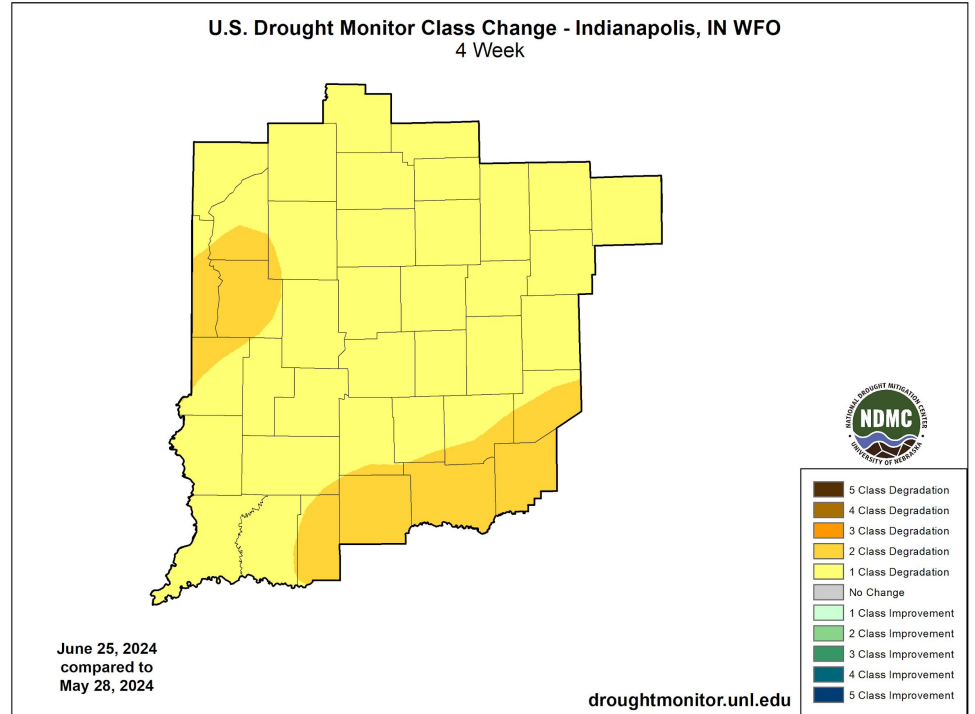




# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
  - 1 to 2 class degradation over the entire area

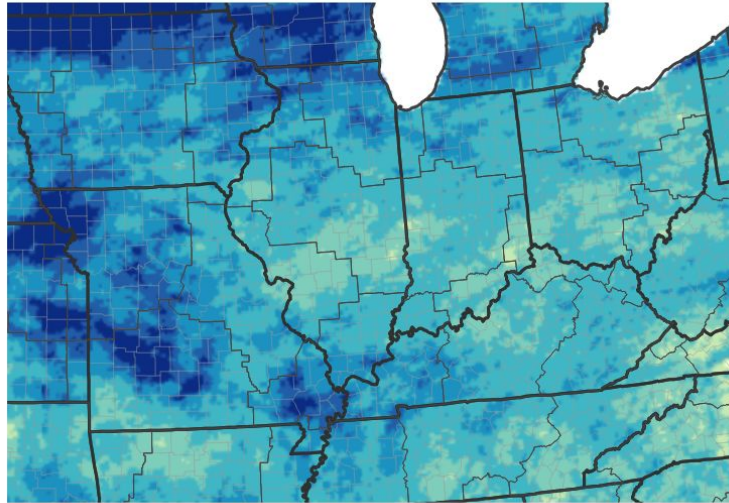




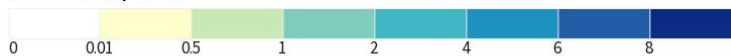
# Precipitation

- For much of the southern half or more of Indiana, precipitation over the past 30 days has been 25 to 50% of normal. Northern Indiana saw significantly more precipitation, receiving 75 to 150% of normal.

NWPS 30-Day Precipitation Accumulations (inches)



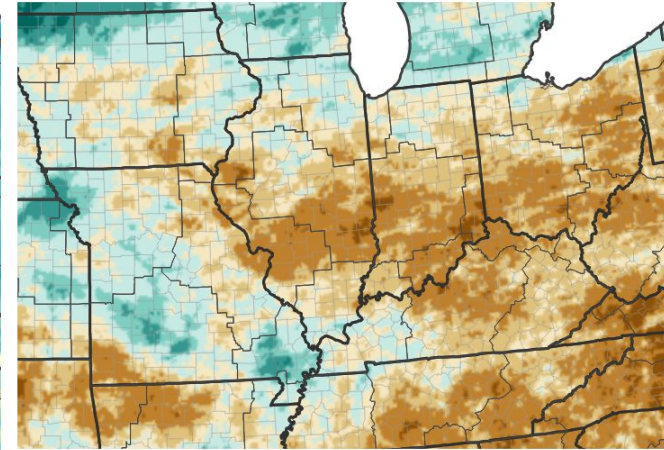
Inches of Precipitation



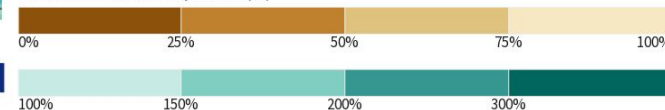
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 06/30/24

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: 06/30/24

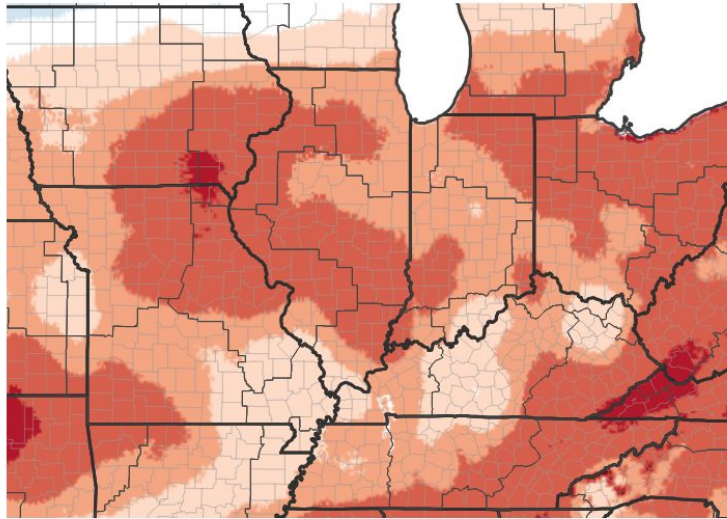




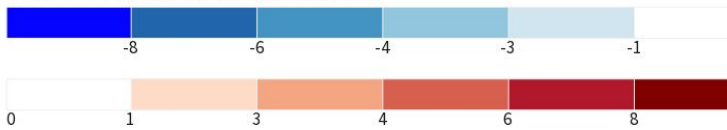
# Temperature

- The majority of Indiana saw temperatures 3 to 4 degrees above normal over the last week, with 4 to 6 degrees above normal temperatures over NE and W Indiana. For the past 30 days, though, most of the state was near normal with the NE half 1 to 3 degrees above normal.

### 7-Day Temperature Anomaly



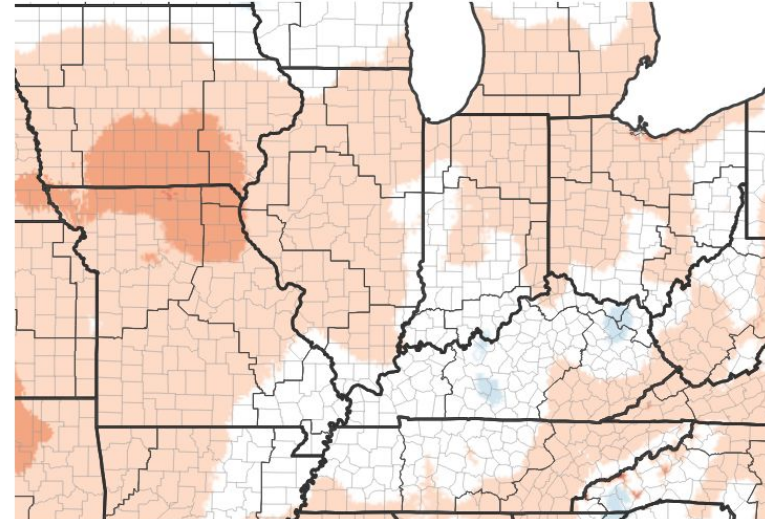
Departure from Normal Max Temperature (°F)



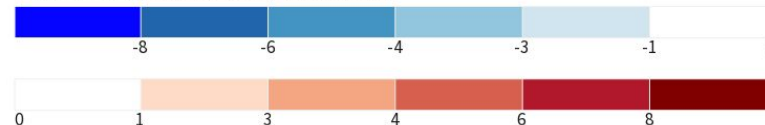
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 06/27

### 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: 06/27/24





# Summary of Impacts

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

## Hydrologic Impacts

- Below normal streamflow across much of the southern half of Indiana (USGS)
- Some area ponds low for this time of year ([County Extension Drought Input](#))

## Agricultural Impacts

- Signs of crop stress in unirrigated fields in some parts of the state ([USDA crop report](#))
- Pastures struggling (USDA crop report)

## Fire Hazard Impacts

- There are no known impacts at this time

## Other Impacts

- Lawns in some areas are browning if not irrigated ([County Extension Drought Input](#))

## Mitigation Actions

- None reported





# Hydrologic Conditions and Impacts

- Streamflow is normal across the northern half of the state and below normal across much of the southern half of the state

Sunday, June 30, 2024

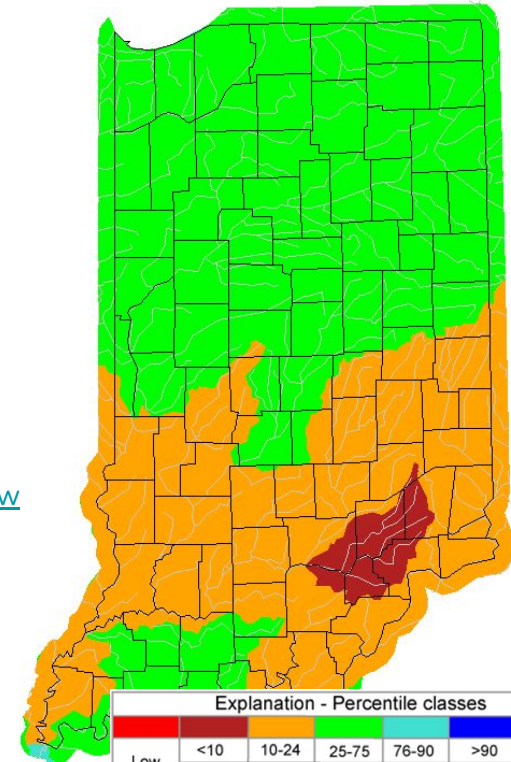


Image Caption:  
[USGS 7 day average streamflow HUC map](#) for Indiana valid June 30, 2024

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



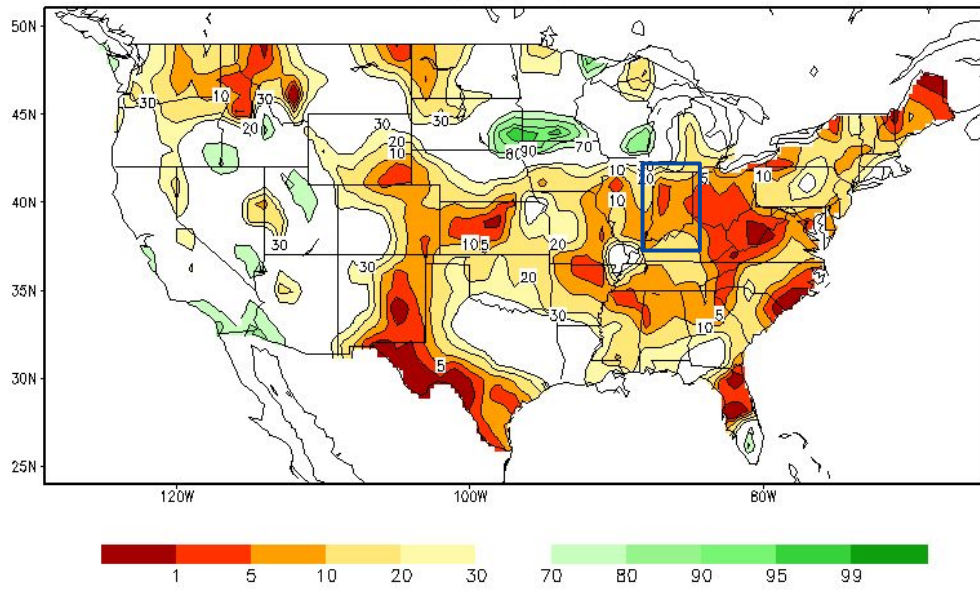


# Agricultural Impacts

- Soil moisture is fairly dry across the state, with the best conditions near the Michigan border
- Signs of crop stress in unirrigated fields in some parts of the state
- Pastures struggling

[Link to Latest Indiana Crop Report](#)

Calculated Soil Moisture Ranking Percentile  
JUN 30, 2024



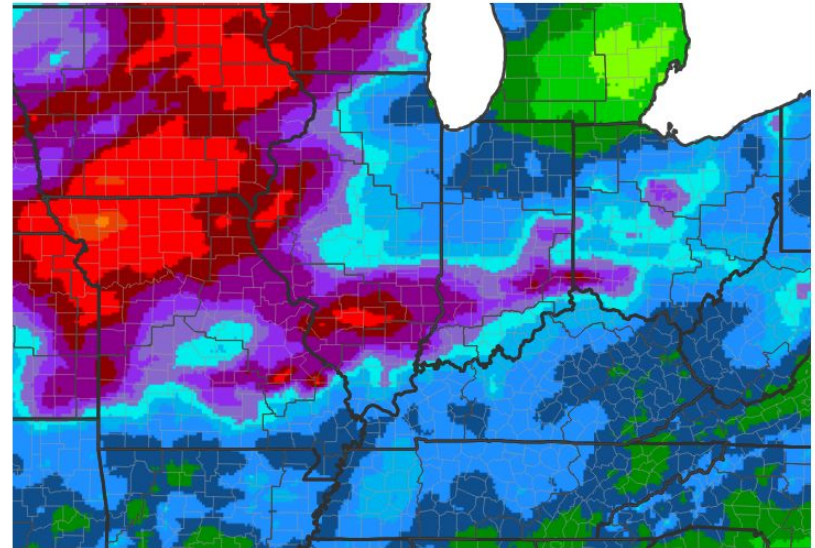




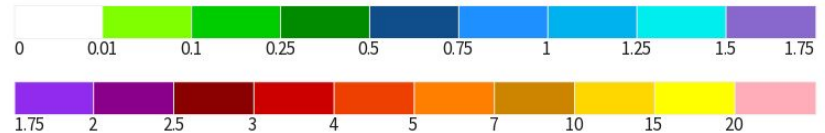
# Seven Day Precipitation Forecast

- The seven day precipitation total forecast shows 0.25 to 0.5 inch across far northeast parts of the state, with 0.5 to 1.0 inch over central portions of the state and a swath of 1.5 to 2.5 inches a bit north of the Ohio River.

## 7-Day Quantitative Precipitation Forecast



### Predicted Inches of Precipitation



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

Last Updated: 07/01/24





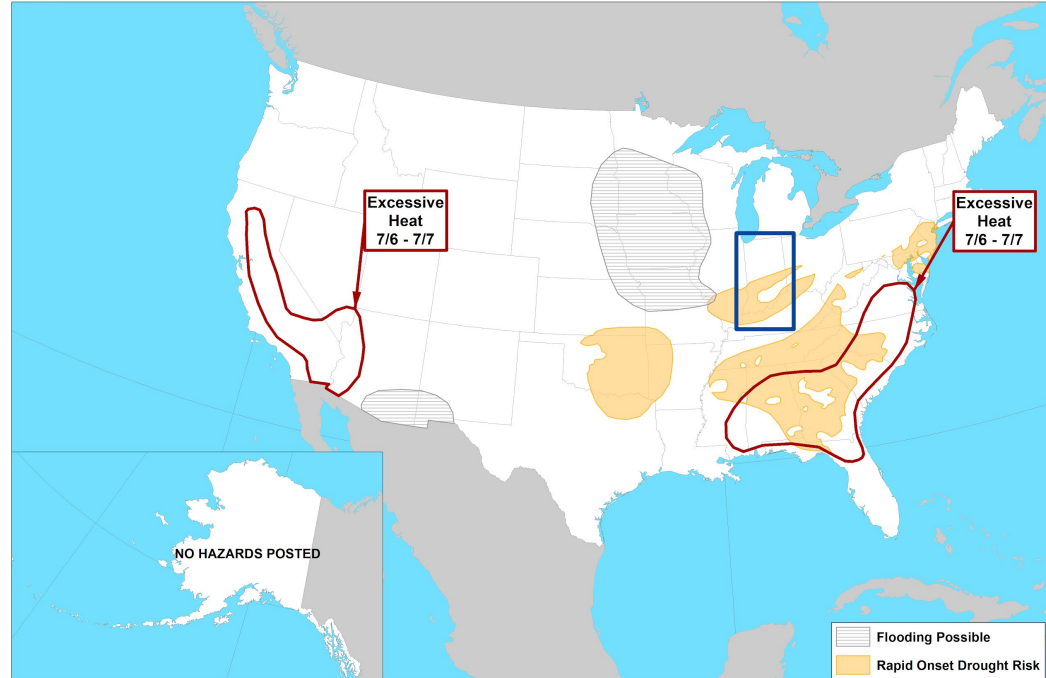
# Rapid Onset Drought Outlook

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

- Rapid onset drought is possible across about the southern half of Indiana where drought is not already in place



Day 8-14 U.S. Hazards Outlook  
Valid: 07/06/2024-07/12/2024



Climate Prediction Center  
Made: 06/28/2024 3PM EDT

Follow us:   
[www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)



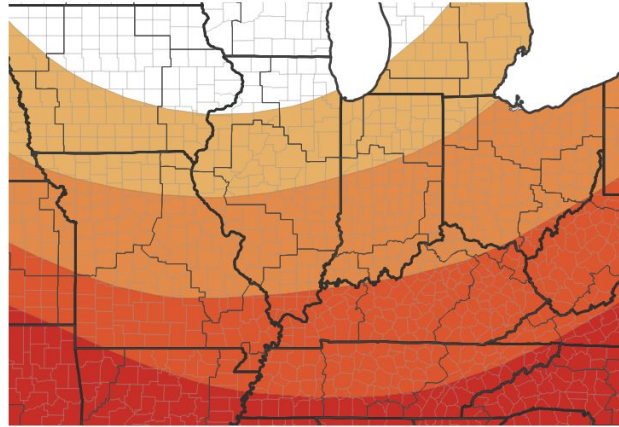


# Long-Range Outlooks

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

- July outlooks favor above normal temperatures with the strongest signal over southern parts of the state, with no clear signal in the precipitation to favor above or below normal amounts.

### Monthly Temperature Outlook



#### Probability of Below-Normal Temperatures



#### Probability of Above-Normal Temperatures



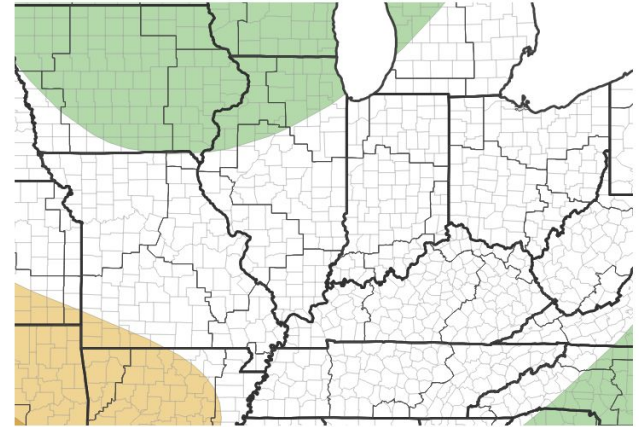
#### Probability of Near-Normal Temperatures



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

Last Updated: 06/30/24

### Monthly Precipitation Outlook



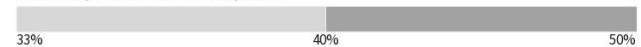
#### Probability of Below-Normal Precipitation



#### Probability of Above-Normal Precipitation



#### Probability of Near-Normal Precipitation



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

Last Updated: 06/30/24



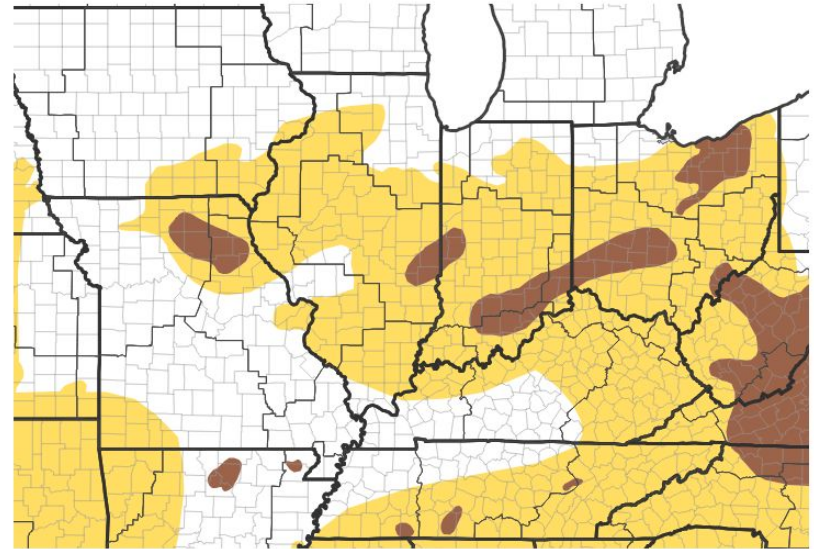


# Drought Outlook

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

- Drought is expected to develop and persist over the next three months over all but northernmost parts of Indiana. The 1 month outlook is the same.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Last Updated: 07/01/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

