



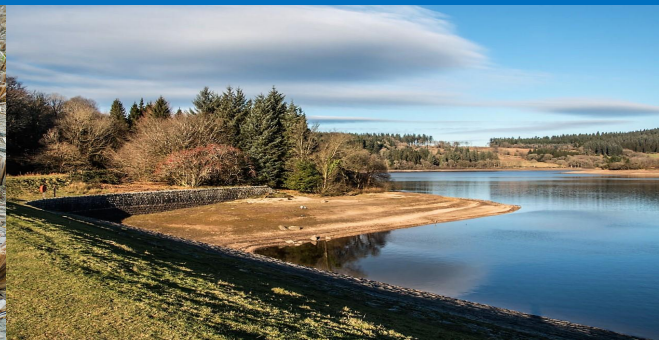
# Drought Information Statement for Northern IN, Southern MI, Northwest OH

Valid September 28, 2023

Issued By: NWS Northern Indiana

Contact Information: [nws.northernindiana@noaa.gov](mailto:nws.northernindiana@noaa.gov) 574-834-1104

- This product will be updated October 6th 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/iwx/DroughtInformationStatement> for previous statements.





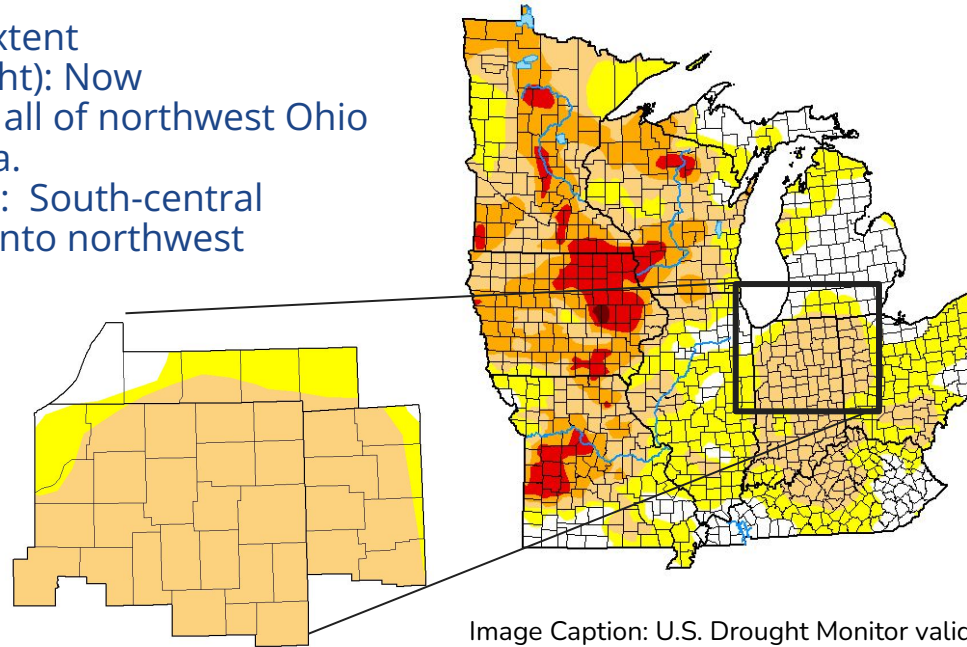
# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for northern Indiana, southern Michigan, and northwest Ohio

- **Abnormally Dry and Moderate Drought Conditions Present**
- Drought intensity and Extent
  - D1 (Moderate Drought): Now encompasses nearly all of northwest Ohio and northern Indiana.
  - D0: (Abnormally Dry): South-central Michigan spreading into northwest Indiana.

## U.S. Drought Monitor Midwest

**September 26, 2023**  
(Released Thursday, Sep. 28, 2023)  
Valid 8 a.m. EDT



### Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>*

### Author:

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[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

Image Caption: U.S. Drought Monitor valid 8am EDT September 26th.  
NWS Northern Indiana Forecast area (left). Midwest region (right).





# Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for northern Indiana, southern Michigan, and northwest Ohio

- Four Week Drought Monitor Class Change.
  - Drought Worsened: Over nearly all of northwest Ohio, northern Indiana, and far southern Michigan.

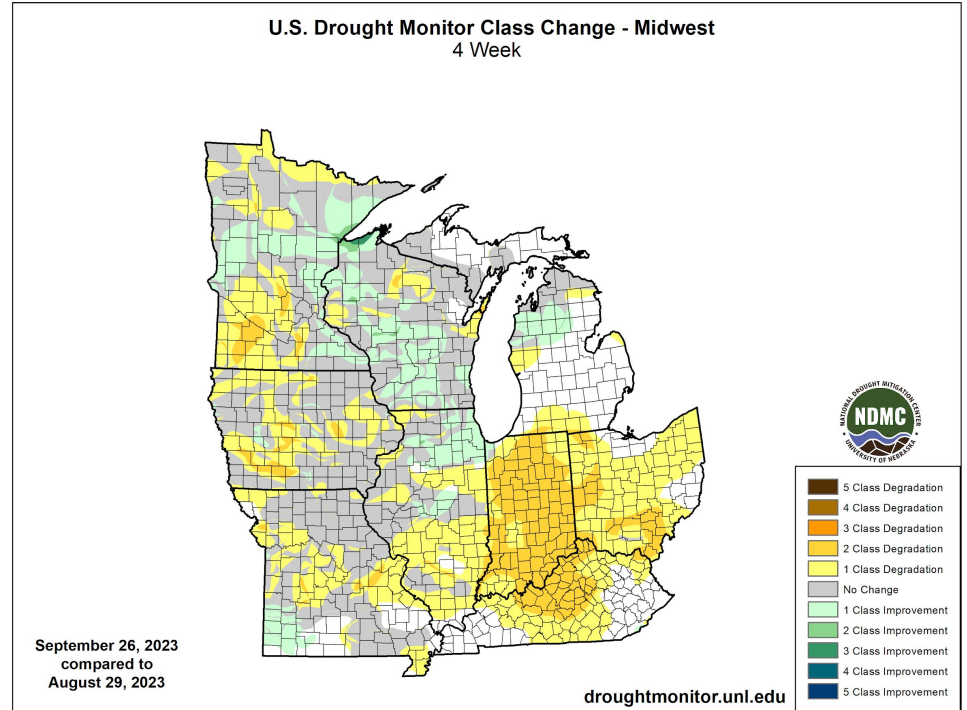


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT September 26th.

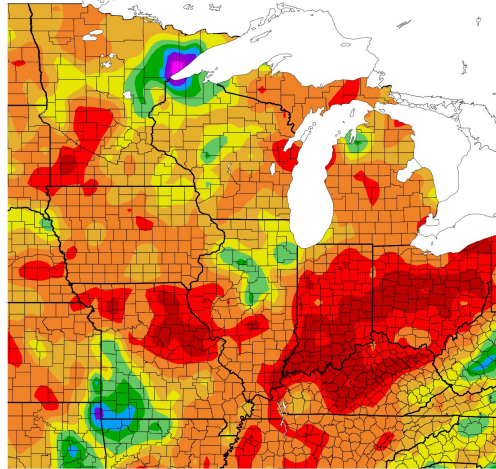




# Precipitation

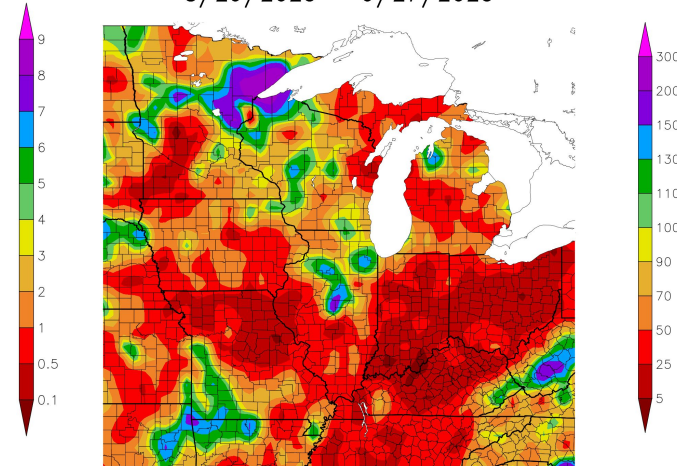
- 30-day precipitation totals through September 27th were less than 25% of normal (dark red on the right image)
- A rapid deterioration of vegetation continues

Precipitation (in)  
8/29/2023 – 9/27/2023



Generated 9/28/2023 at HPRCC using provisional data.

Percent of Normal Precipitation (%)  
8/29/2023 – 9/27/2023



NOAA Regional Climate Centers 23 at HPRCC using provisional data.

NOAA Regional Climate

Image Captions:  
 Left: 30-day Precipitation Amount for the Midwest  
 Right: 30-day Percent of Normal Precipitation for the Midwest  
 Data Courtesy High Plains Regional Climate Center.





# Summary of Impacts

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

## Hydrologic Impacts

- Pond and creek levels are very low

## Agricultural Impacts

- Very dry and cracked soil
- Pasture conditions are deteriorating
- Soybean pods are curing and shattering in central Indiana

## Fire Hazard Impacts

- Concern of field fires among harvest operations

## Other Impacts

- There are no known impacts at this time

## Mitigation Actions

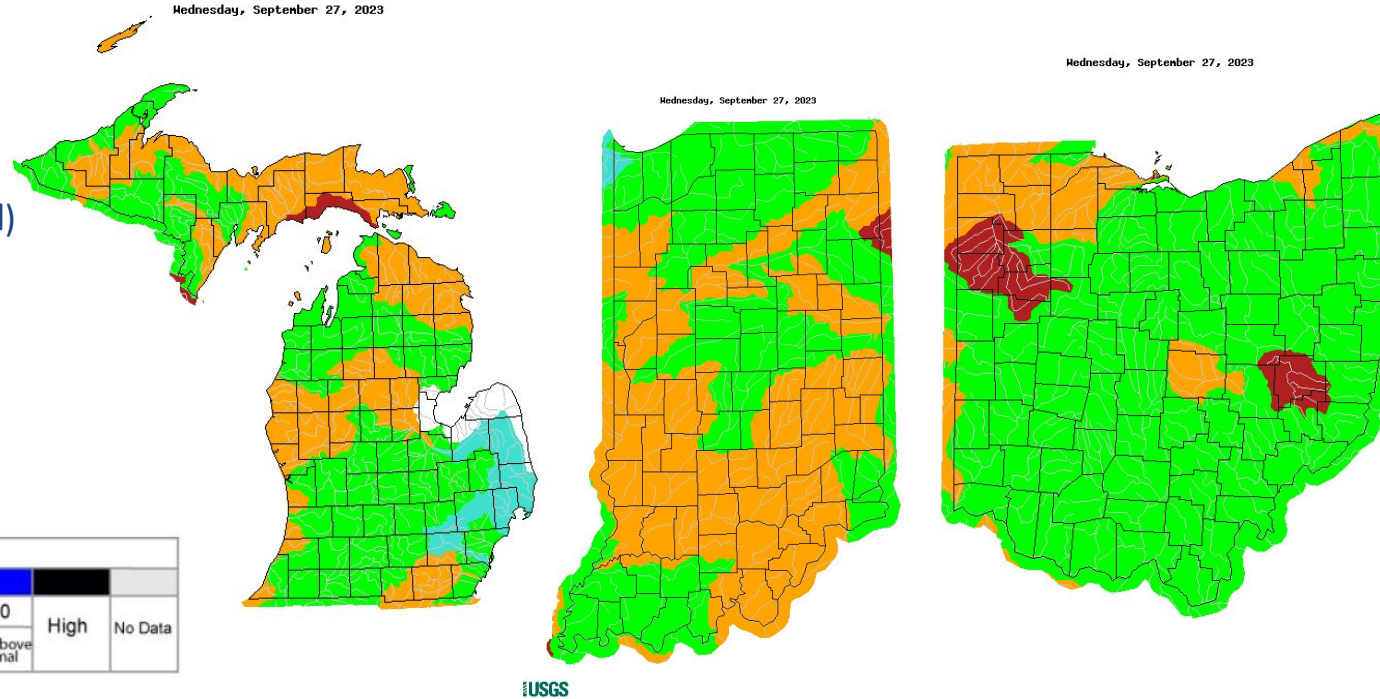
- None reported





# Hydrologic Conditions and Impacts

- Some river basins are reporting below-normal streamflow:
  - Kankakee
  - Upper Maumee
  - St. Joseph River (MI)
  - Upper Wabash



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Image Caption: USGS 7 day average streamflow HUC map valid 09/27/2023





# Seven Day Precipitation Forecast

- Beneficial rain fell from the 26th through 28th (see image below)
- Less than 0.25" of rain is plausible in the next seven days
- Drought conditions may persist despite recent rain

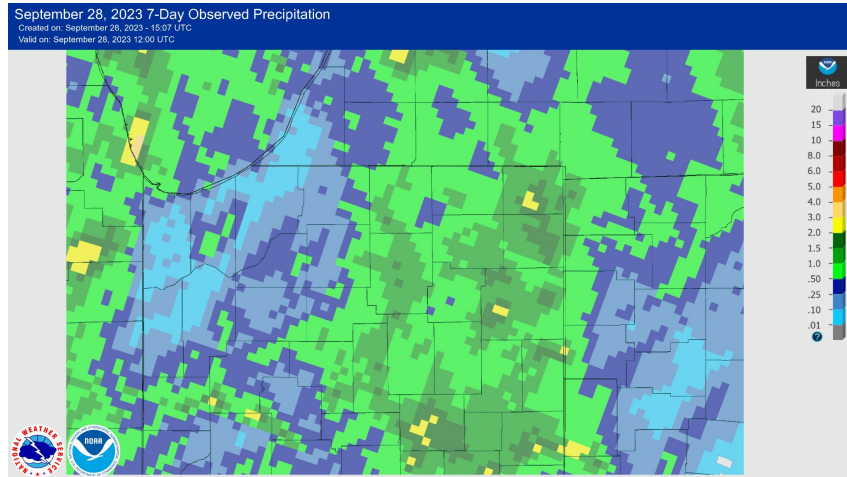


Image Caption: 7-day observed rainfall ending 8am EDT 9/28/2023

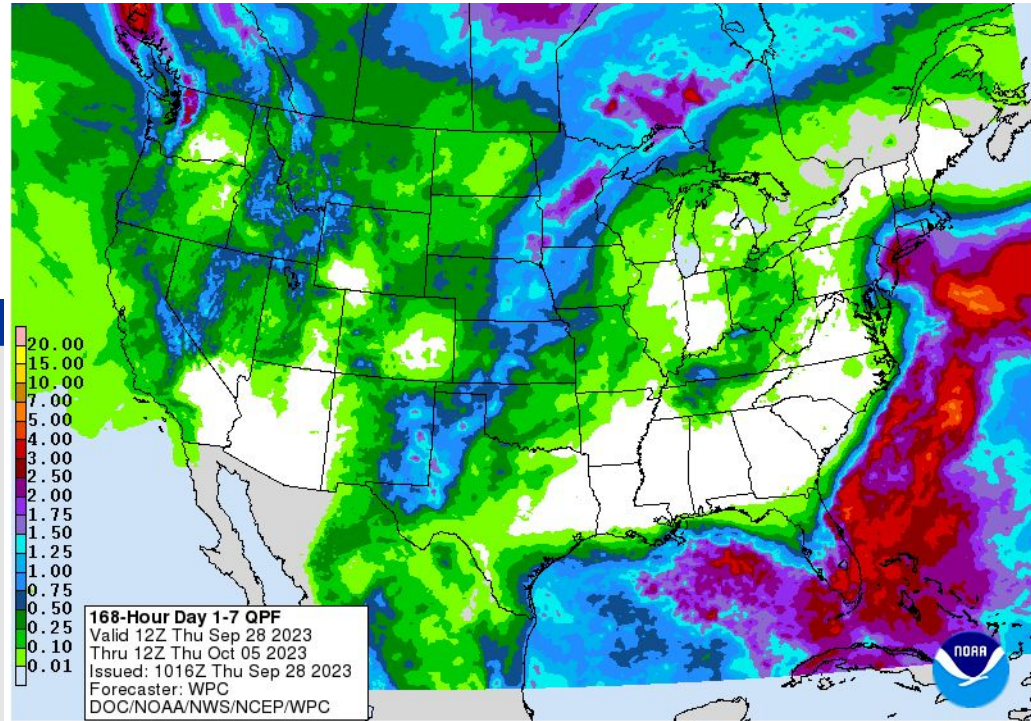


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid September 28 to October 8.



# Long-Range Outlooks

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

- The extended forecast favors above normal temperatures and above normal precipitation
- This forecast is mainly driven by long-term climate trends as well as model guidance
- This outlook will be updated again on September 30th

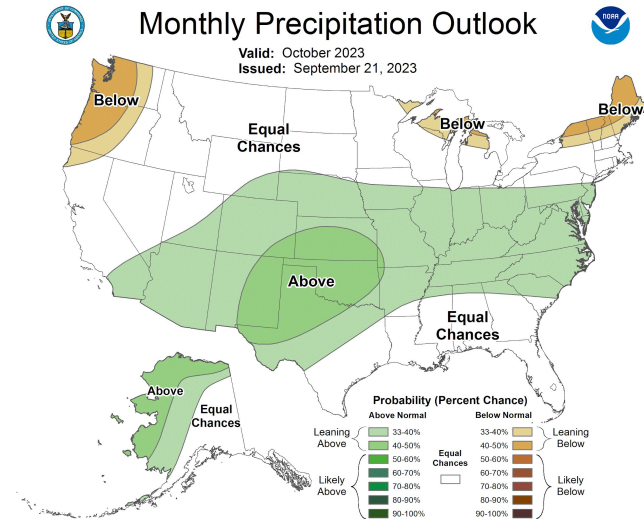
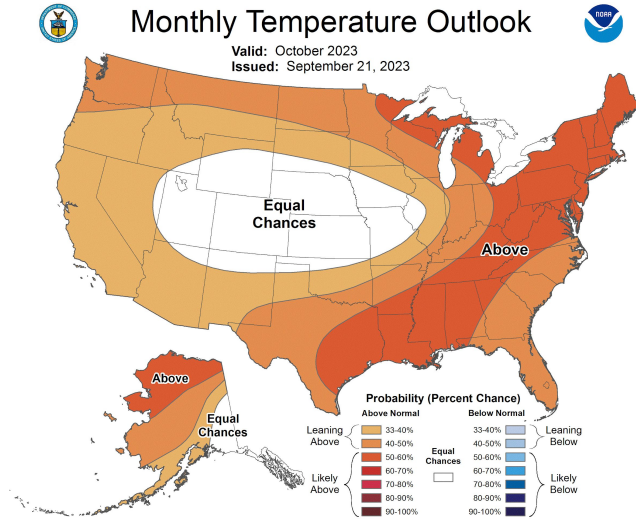


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook](#),

Right - [Climate Prediction Center Monthly Precipitation Outlook](#),

Valid October 2023







# Drought Outlook

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

- Issued on September 21st, this drought outlook through December suggests that drought conditions will eventually end.

## U.S. Seasonal Drought Outlook

### Drought Tendency During the Valid Period

Valid for September 21 - December 31, 2023  
Released September 21, 2023

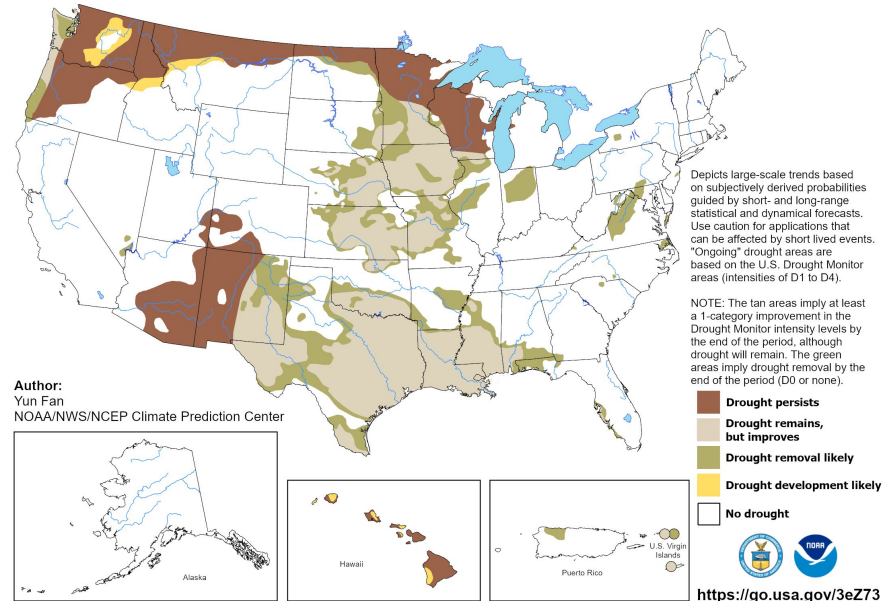


Image Caption:  
Climate Prediction Center Seasonal Drought Outlook Released  
September 21st, 2023 valid through December 2023

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)

