



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

Valid October 17, 2023

Issued By: NWS Northern Indiana

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- This product will be updated November 2nd 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): Portions of northwest Ohio, Jay, White, and Cass (IN) counties
  - D0: (Abnormally Dry): Much of northern Indiana, northwest Ohio and south central Michigan

## U.S. Drought Monitor Midwest

**October 17, 2023**  
(Released Thursday, Oct. 19, 2023)  
Valid 8 a.m. EDT

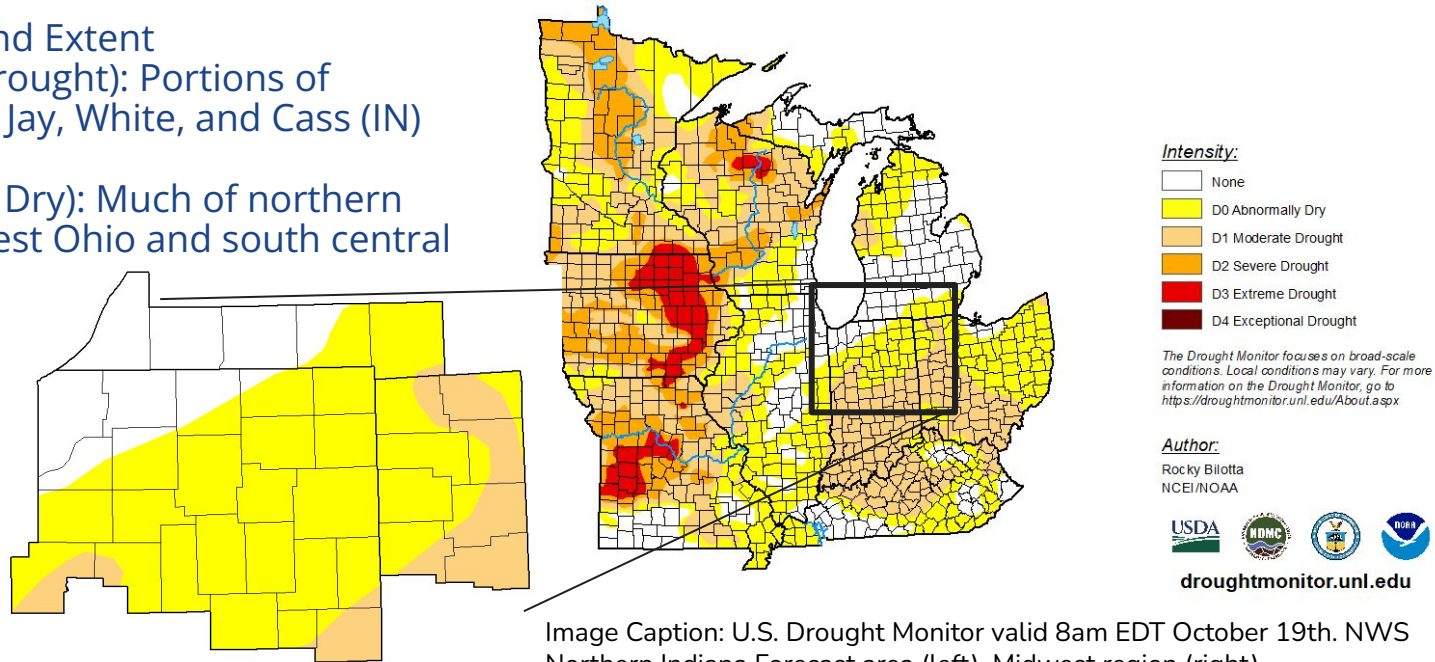


Image Caption: U.S. Drought Monitor valid 8am EDT October 19th. NWS Northern Indiana Forecast area (left). Midwest region (right).





# 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 Improved: Most of northern Indiana has seen an improvement of drought
  - Drought Worsened: Most of Ohio saw a one class (category) degradation of drought

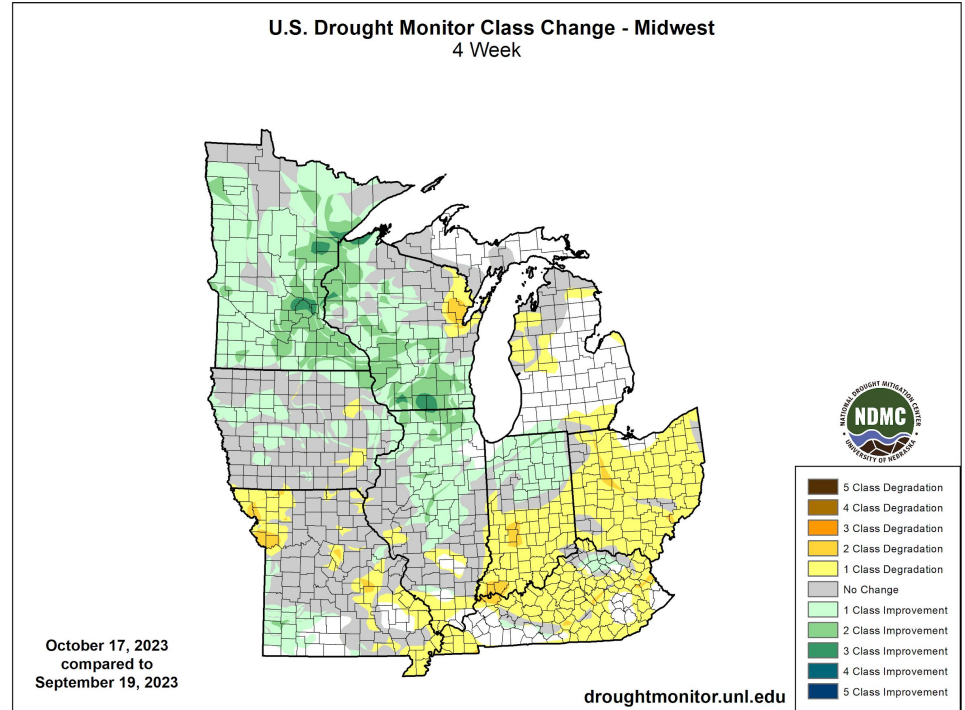


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT October 17th.

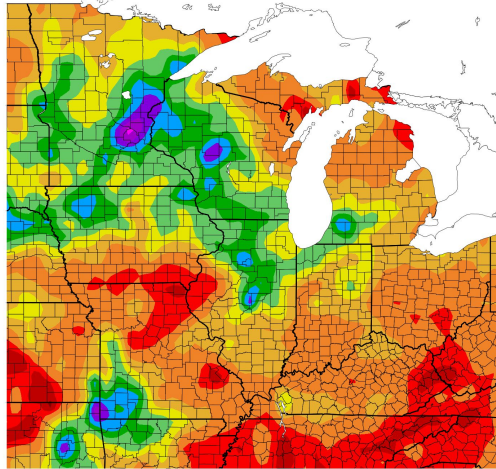




# Precipitation

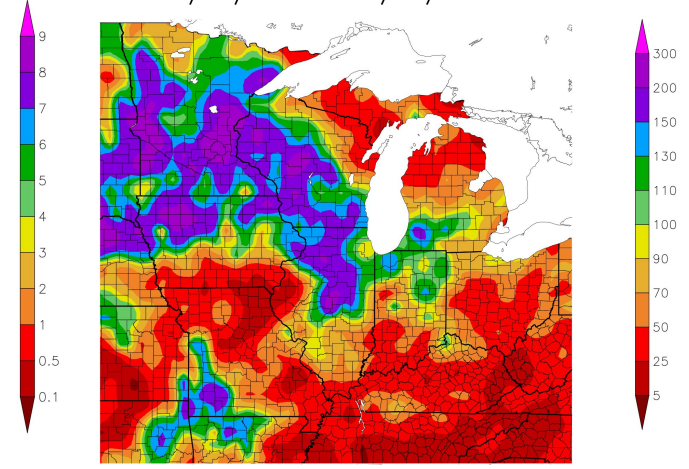
- 30-day precipitation totals through October 18th indicated 4 to 6 inches of rain fell near Lake Michigan. This was 110-130% of normal.
- Northwest Ohio recorded 70-90% of normal rainfall (2-3 inches) over the past 30 days

Precipitation (in)  
9/19/2023 - 10/18/2023



Generated 10/19/2023 at HPRCC using provisional data.

Percent of Normal Precipitation (%)  
9/19/2023 - 10/18/2023



NOAA Regional Climate Centers 023 at HPRCC using provisional data.

NOAA Regional Climate Center

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 improving, but remain low

## Agricultural Impacts

- Pasture conditions remain shy of Good or Excellent for most of Indiana

## Fire Hazard Impacts

- Concern of field fires among harvest operations

## Other Impacts

- There are no other known impacts at this time

## Mitigation Actions

- None reported





# Hydrologic Conditions and Impacts

- Stream flows are improving
- Some river basins are reporting below-normal streamflow:
  - Upper Maumee
  - Upper Wabash

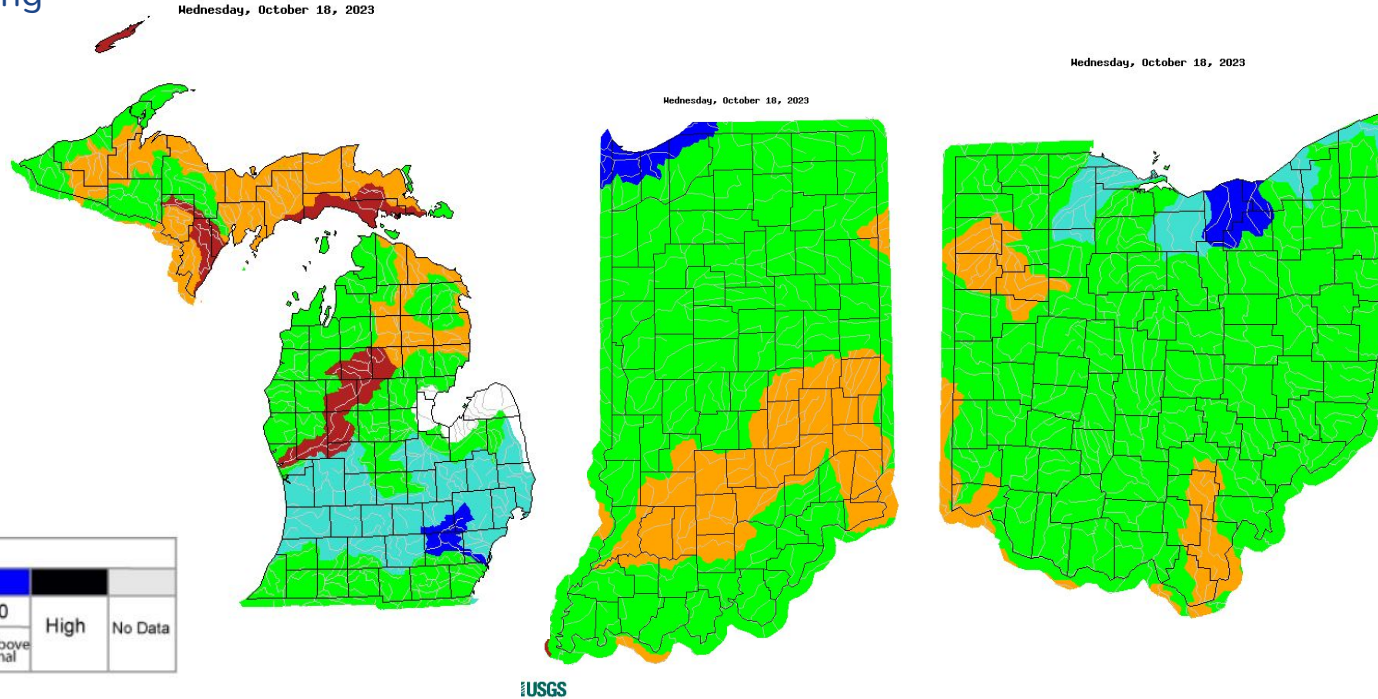


Image Caption: USGS 7 day average streamflow HUC map valid 10/18/2023





# Seven Day Precipitation Forecast

- An active weather pattern continues
- Frequent chances for at least small doses of rain
- Greatest rainfall totals are favored toward Lake Michigan

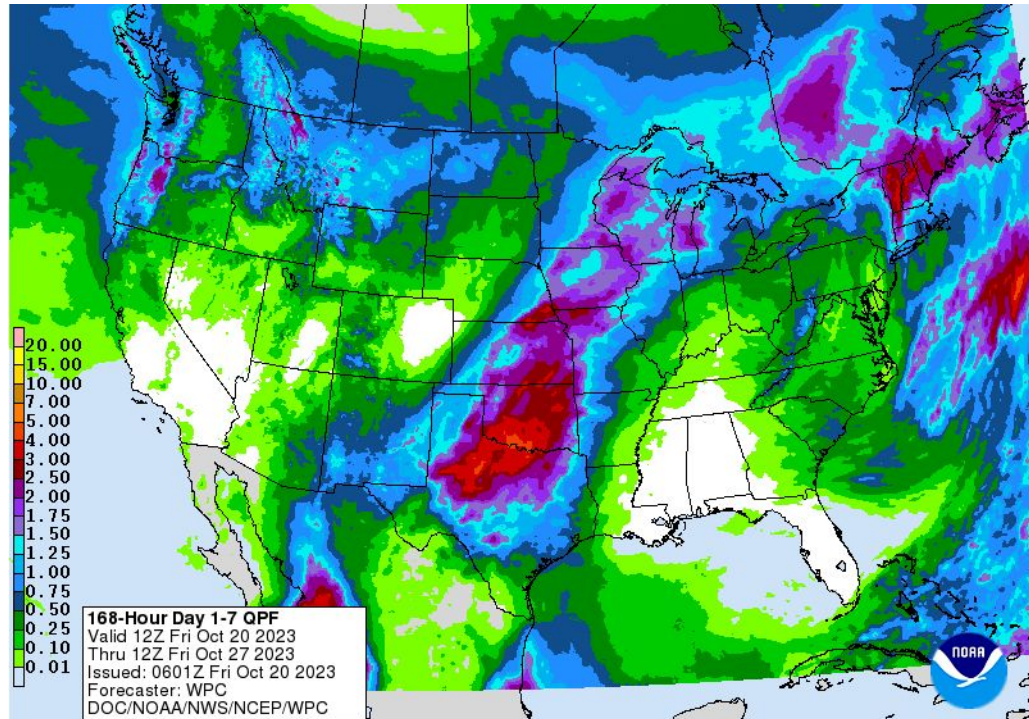


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid October 20 to October 27.



# Long-Range Outlooks

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

- For November, December, and January, above-normal temperatures are favored
- Below-normal precipitation is favored over Michigan
- Outside of Michigan, there are equal chances for above or below normal precipitation; there are no strong signals favoring one or the other

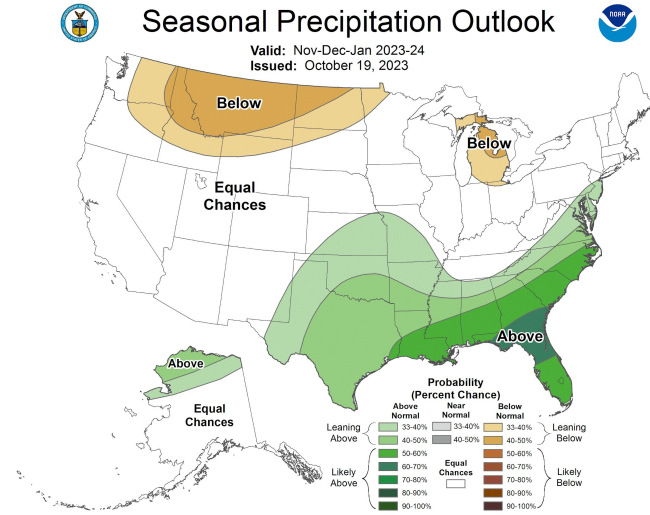
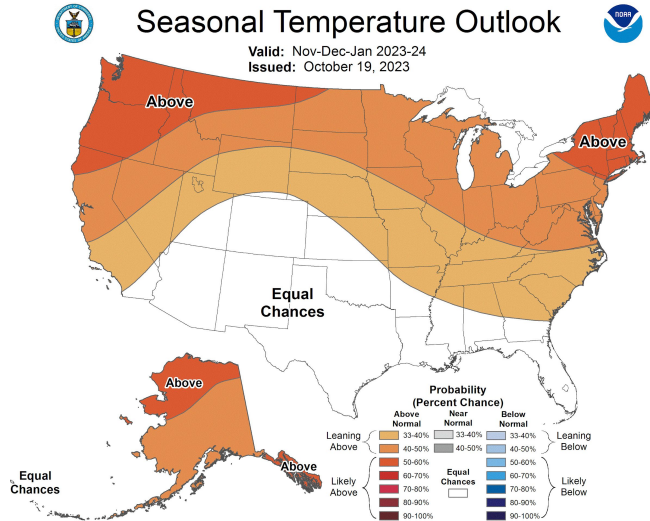


Image Captions:

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 October 19th, this drought outlook through January suggests that drought conditions will improve and be removed in the months ahead

## U.S. Seasonal Drought Outlook

### Drought Tendency During the Valid Period

Valid for October 19, 2023 - January 31, 2024  
Released October 19, 2023

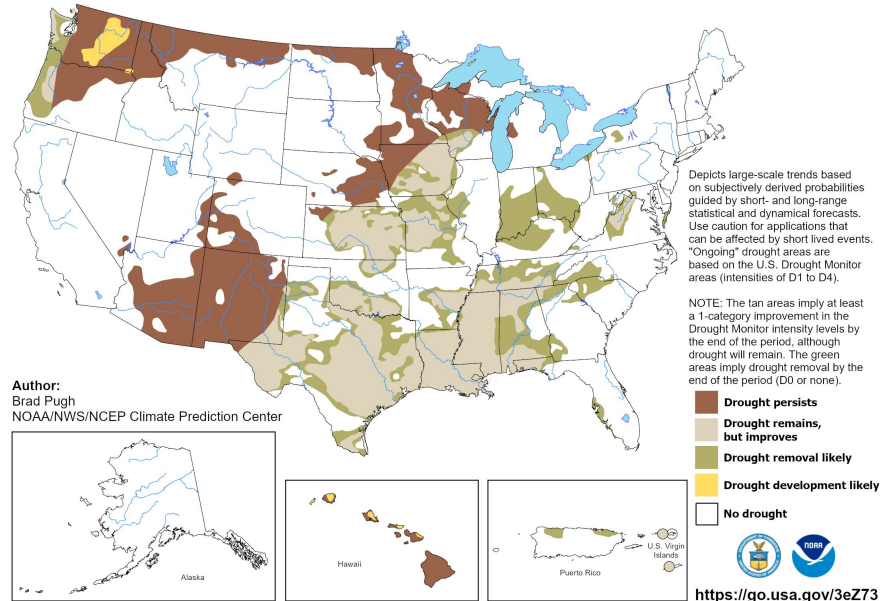


Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released October 19th, 2023 valid through January 2024.

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  
Northern Indiana