



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

Valid September 14, 2023

Issued By: NWS Northern Indiana

Contact Information: 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.



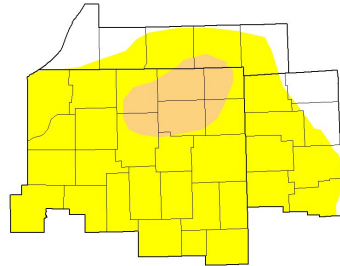


U.S. Drought Monitor

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

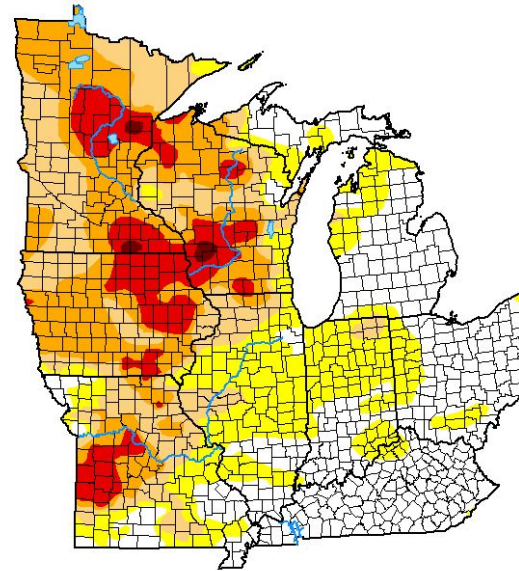
- **Abnormally Dry and Moderate Drought Conditions Present**

- Drought intensity and Extent
 - D1 (Moderate Drought): Elkhart, LaGrange, Steuben, Kosciusko and Noble counties
 - D0: (Abnormally Dry): All of northern Indiana, far western Ohio, and far south-central Michigan



U.S. Drought Monitor Midwest

September 12, 2023
(Released Thursday, Sep. 14, 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>

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CPC/NOAA



droughtmonitor.unl.edu

Image Caption: U.S. Drought Monitor valid 8am EDT September 12th.
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 much of northern Indiana and far southern Michigan.
 - Drought Improved: Portions of Putnam and Allen (OH) counties.

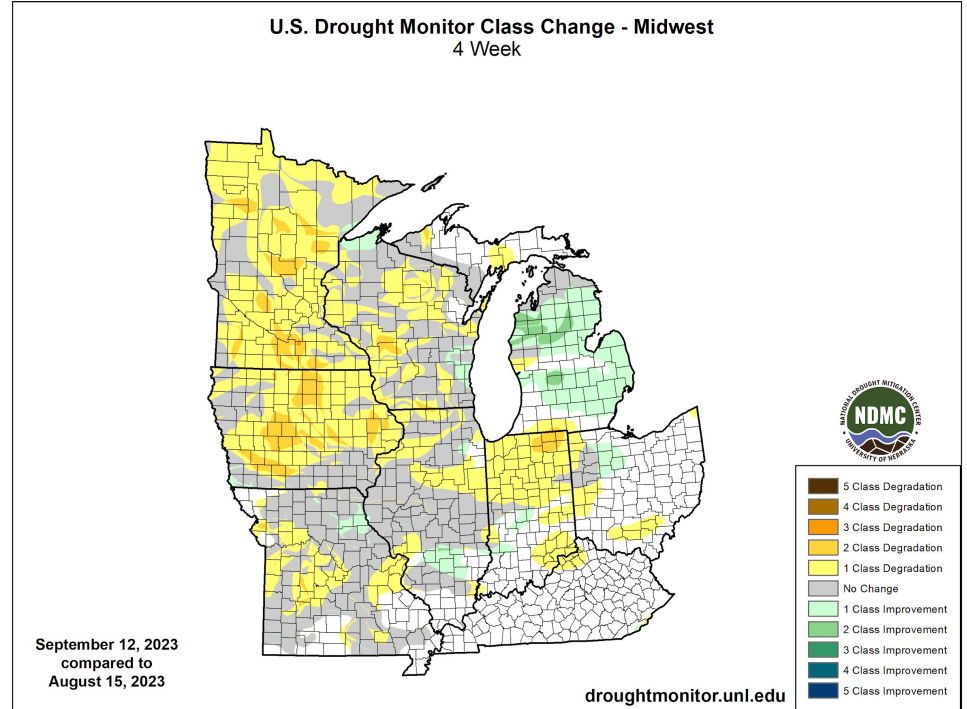


Image Caption: U.S. Drought Monitor 4-week change map valid 8am EDT September 12th.

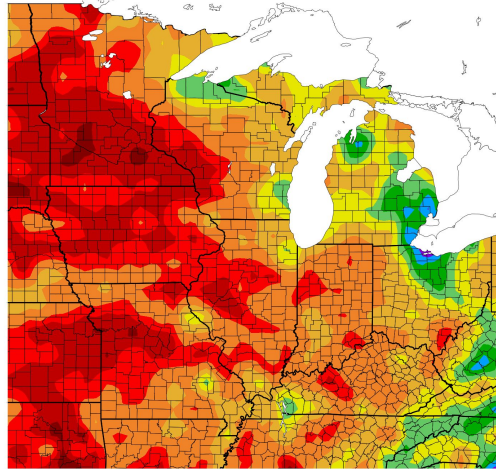




Precipitation

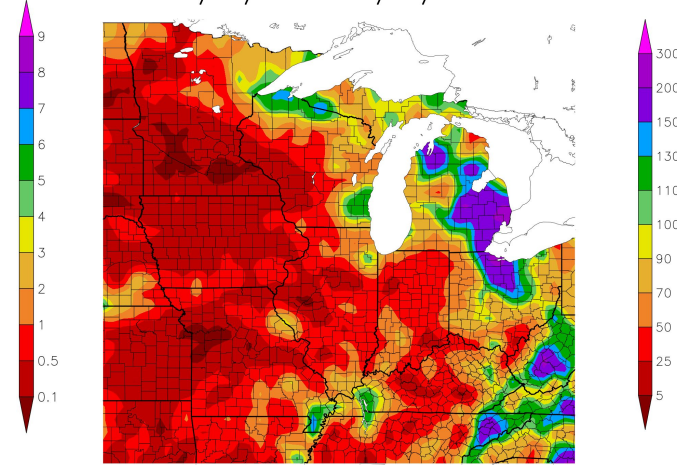
- 30-day precipitation totals through September 13th were less than 50% of normal.
- Rapid drying continues and therefore a notable expansion of Abnormally Dry (D0) conditions this week.

Precipitation (in)
8/15/2023 – 9/13/2023



Generated 9/14/2023 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
8/15/2023 – 9/13/2023



NOAA Regional Climate Centers 23 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.

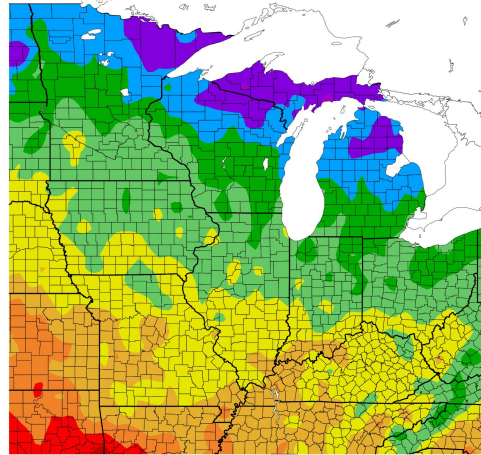




Temperature

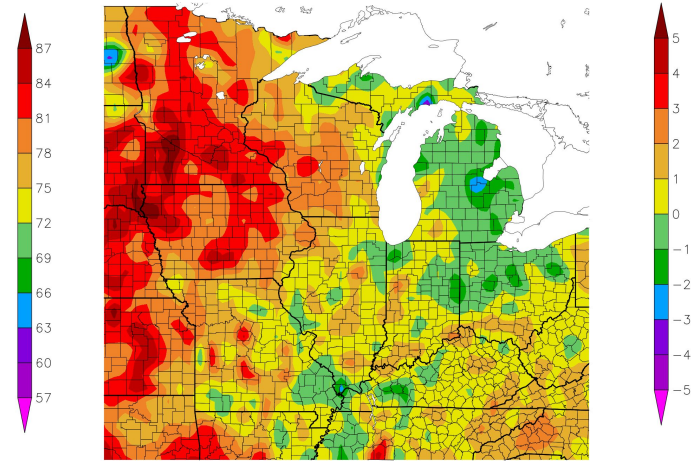
- Temperatures were just shy of normal for the 30-day period ending September 13th.
- Temperatures likely played a minor role in the latest drought conditions.

Temperature (F)
8/15/2023 – 9/13/2023



Generated 9/14/2023 at HPRCC using provisional data.

Departure from Normal Temperature (F)
8/15/2023 – 9/13/2023



NOAA Regional Climate Centers 023 at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:
Left: 30-day Average Temperature
Right: 30-day Departure from Normal Temperature
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 levels are low

Agricultural Impacts

- Crop conditions are stable for most of Indiana
- Some instances of soybean stress reported

Fire Hazard Impacts

- Some local agriculture experts and Emergency Managers have indicated a concern of field fires.

Other Impacts

- There are no known impacts at this time

Mitigation Actions

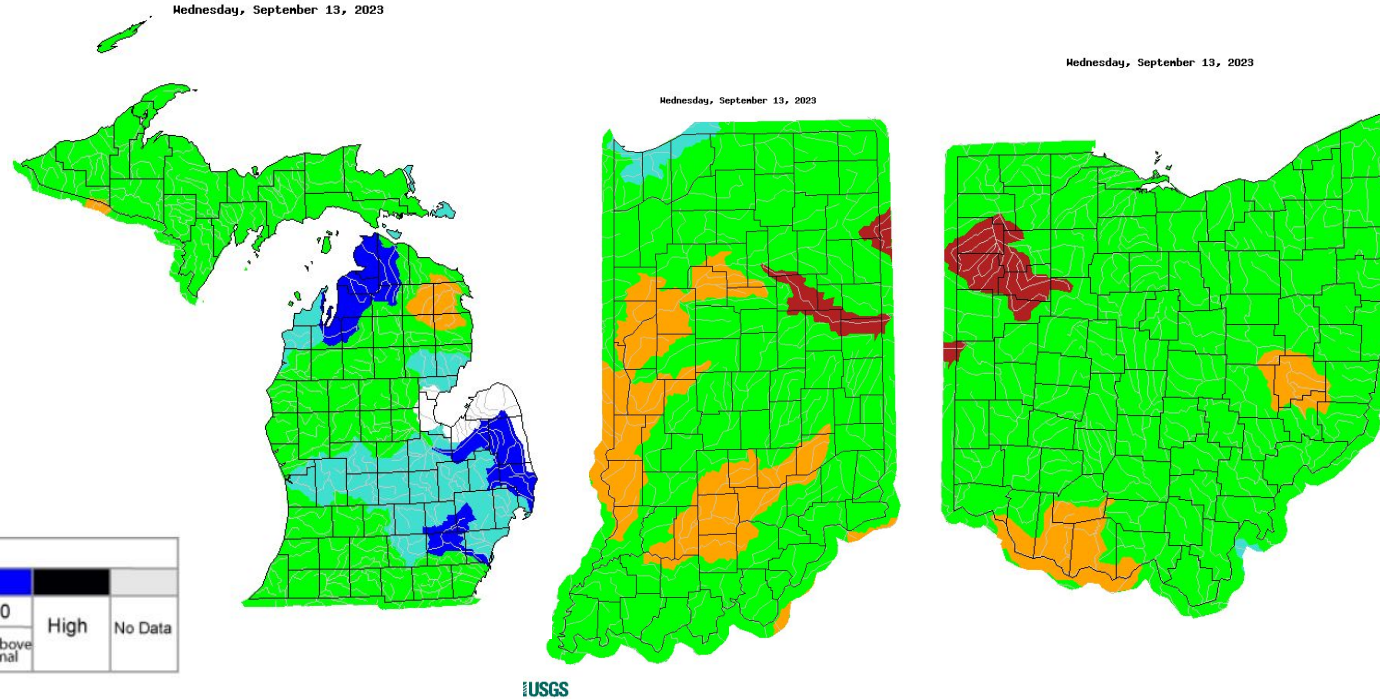
- None reported





Hydrologic Conditions and Impacts

- Some river basins are reporting below-normal streamflow:
 - Kankakee
 - Upper Maumee
 - 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 09/13/2023





Seven Day Precipitation Forecast

- Despite a cold front approaching the region late this week, very little rain is expected over the next seven days, which could worsen drought conditions.

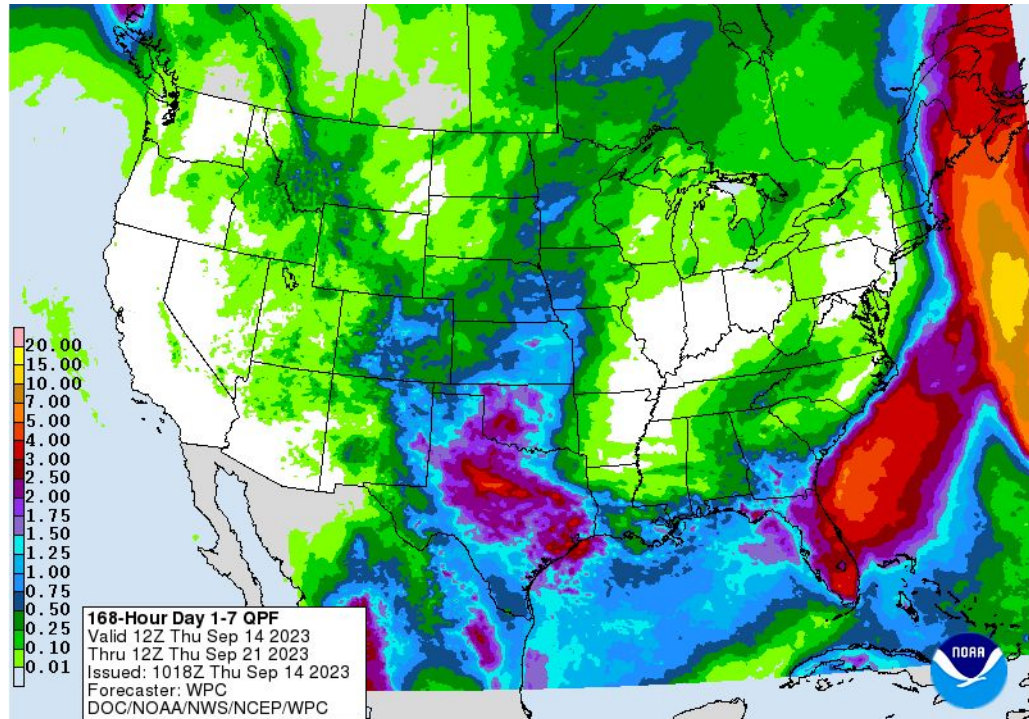


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday September 14 to Thursday September 21



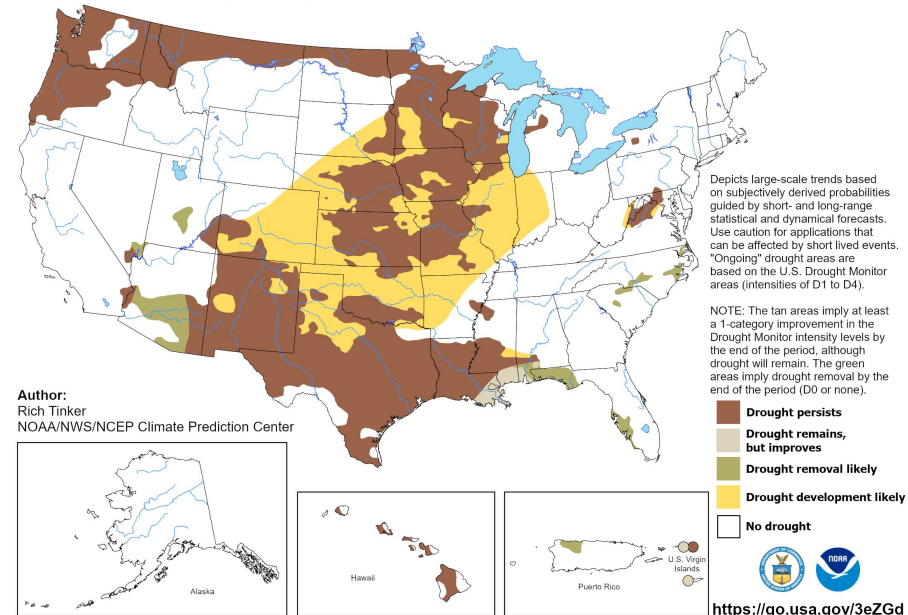
Drought Outlook

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

- Issued on August 31st, this drought outlook suggested that drought conditions would develop over much of Indiana

U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for September 2023
Released August 31, 2023



Links to the latest:

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

Image Caption:

Climate Prediction Center Monthly Drought Outlook Released August 31, 2023 valid for September 2023.

