



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

Valid September 12, 2024

Issued By: NWS Northern Indiana on September 19, 2024

Contact Information: nws.northernindiana@noaa.gov 574-834-1104

- This product will be updated October 7, 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/iwx/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.
-
- Severe Drought conditions are present in northwest Ohio and a portion of far northeast Indiana
 - Moderate Drought conditions are present in northwest Ohio, northeast Indiana, north-central Indiana, and northwest Indiana
 - There are a few rain chances in the next 7 days, but it may not be enough to offset or improve the ongoing drought

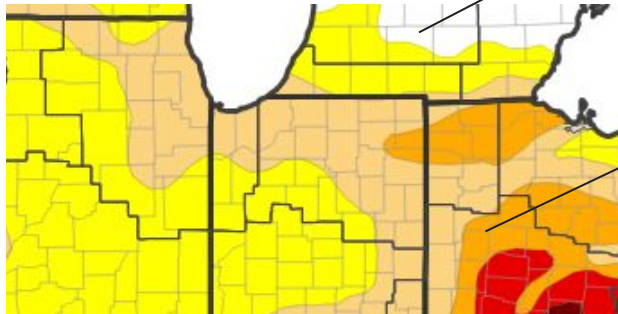




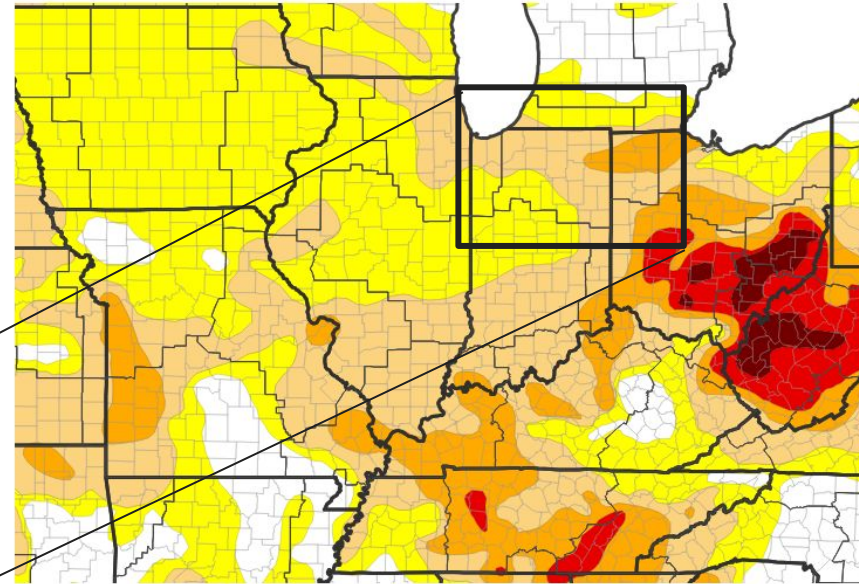
U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D2 (Severe Drought):** Northwest Ohio and far northeast Indiana
 - **D1 (Moderate Drought):**
 - Northwest Ohio
 - All of northeast Indiana and portions of northwest/north-central Indiana
 - **D0: (Abnormally Dry):** nearly all other counties (see inset, below)



U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 09/17/24

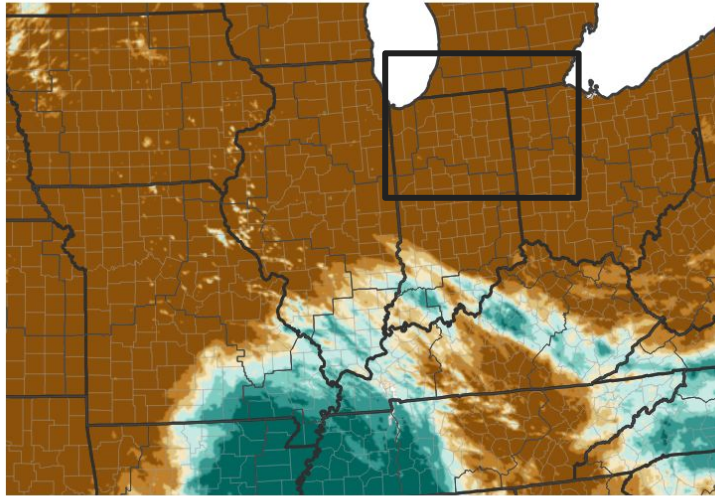




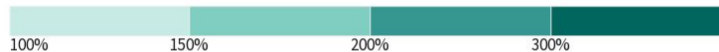
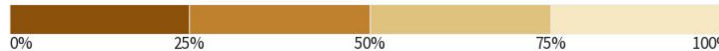
Precipitation

- No rain has fallen in the past 7 days. 30-day precipitation continues to be well below normal across our area.
- There are a few rain chances in the next 7 days, but it may not be enough to offset or improve the ongoing drought

7-Day Percent of Normal Precipitation



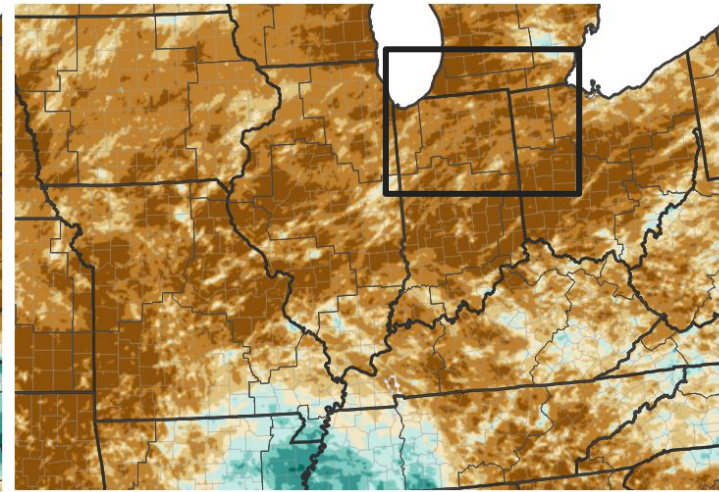
Percent of Normal Precipitation (%)



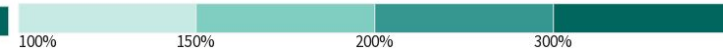
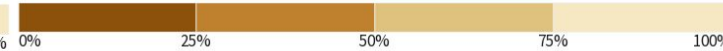
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 09/19/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 09/19/24

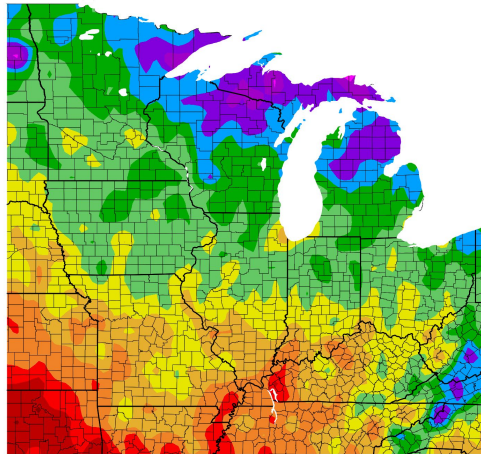




Temperature

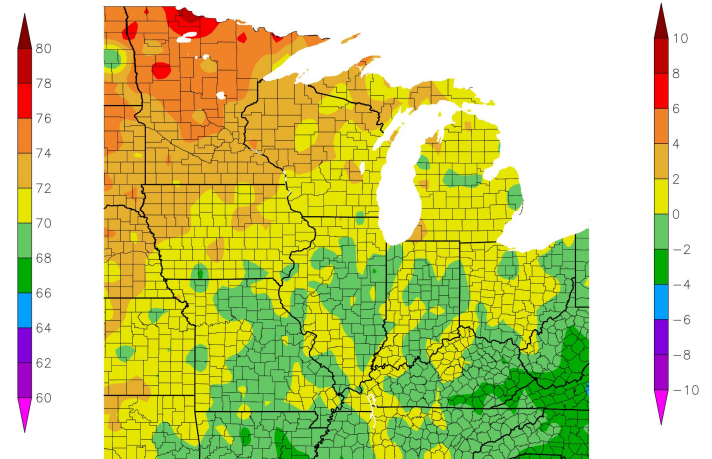
- Temperatures leaned normal to above normal for the 30-day period ending September 17th.
- Temperatures likely played a role in the latest drought conditions with warmth and dryness likely evaporating further soil moisture.

Temperature (F)
8/19/2024 – 9/17/2024



Generated 9/18/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
8/19/2024 – 9/17/2024



NOAA Regional Climate Centers ³²⁴ at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

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

Hydrologic Impacts

- Low creek and stream levels are being reported by county Agriculture Extension offices.

Agricultural Impacts

- The [weekly USDA Crop Weather report](#) for Indiana indicates that top soil moisture has continued to decrease. Supplemental feeding of livestock continues and some are preparing for an early harvest of apples and sweet corn.
- Conditions are worse in Ohio, primarily in central and southern Ohio where corn and soybeans are stressed. Topsoil moisture is incredibly low. Pasture growth has been limited, all according to the weekly [USDA Crop Weather report](#) for Ohio.

Fire Hazard Impacts

- Any uncontrolled burn could rapidly spread. With worsening drought and lack of rain, many Indiana counties are enacting burn bans. Check the [IDHS Burn Ban Status Map](#) for the latest information.

Other Impacts

- There are no known impacts at this time

Mitigation Actions

- None reported





Hydrologic Conditions and Impacts

- Streamflows are “below normal” to “much below normal”
- The greatest impacts are in northwest Ohio, where streamflows are less than 10% of normal

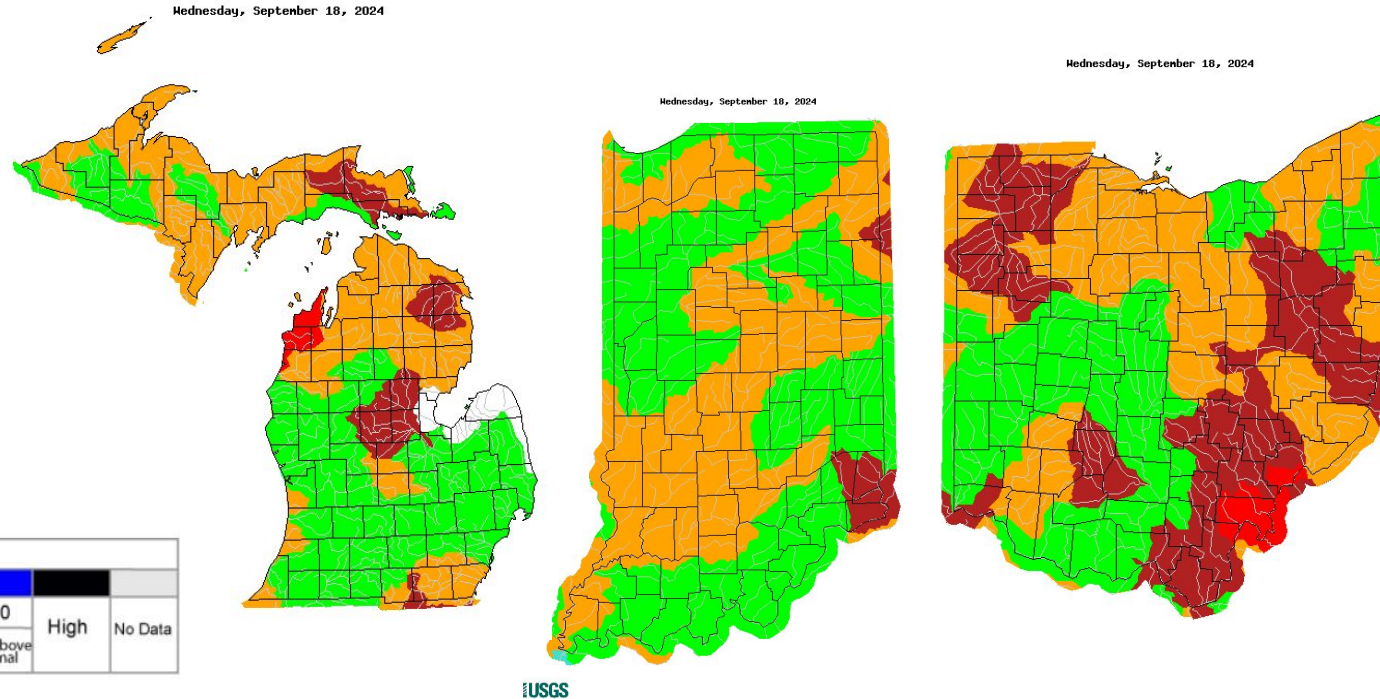


Image Caption: USGS 7 day average streamflow HUC map valid September 18, 2024

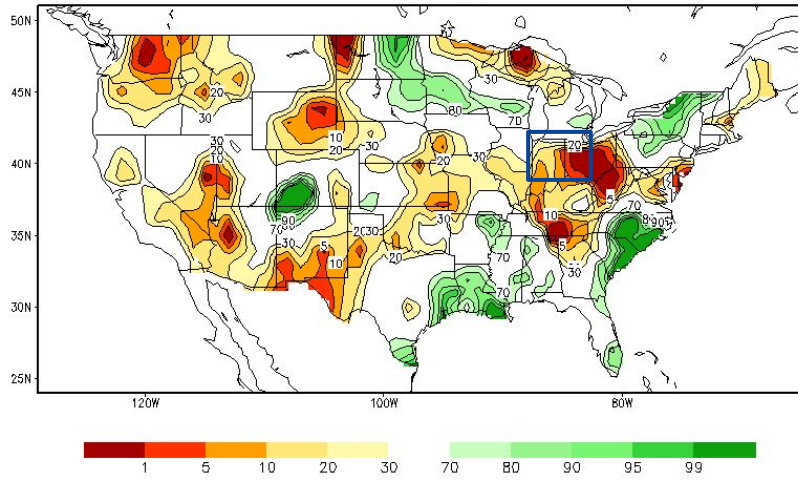




Agricultural Impacts

- Soil moisture continues to deteriorate, especially in northwest Ohio.

Calculated Soil Moisture Ranking Percentile
SEP 18, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending SEP 14, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

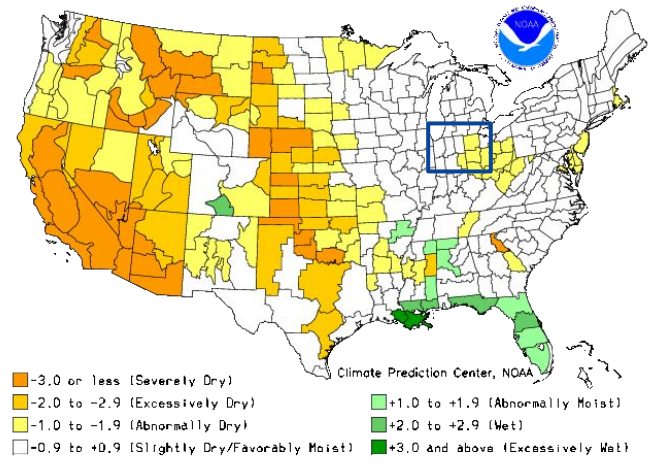


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid September 18, 2024

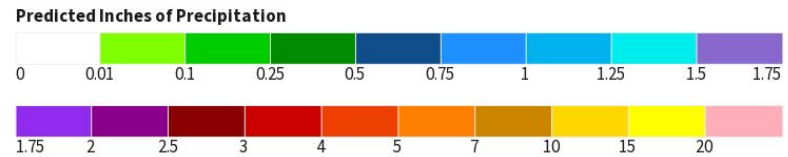
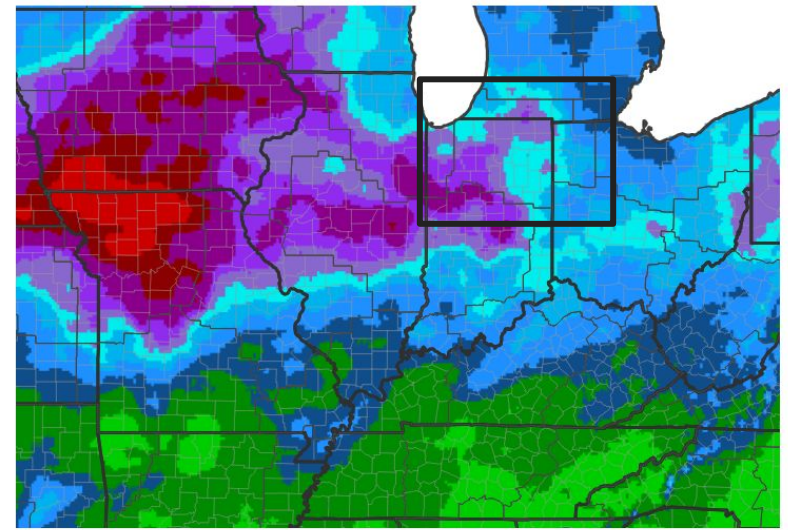
Above: [Crop Moisture Index by Division](#). Weekly value for period ending September 14, 2024



Seven Day Precipitation Forecast

- How much rain falls in the next 7 days will be dependent on whether tropical moisture reaches our forecast area
- There are a few rain chances in the next 7 days, but it may not be enough to offset or improve the ongoing drought

7-Day Quantitative Precipitation Forecast for September 19, 2024–September 26, 2024



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 09/19/24



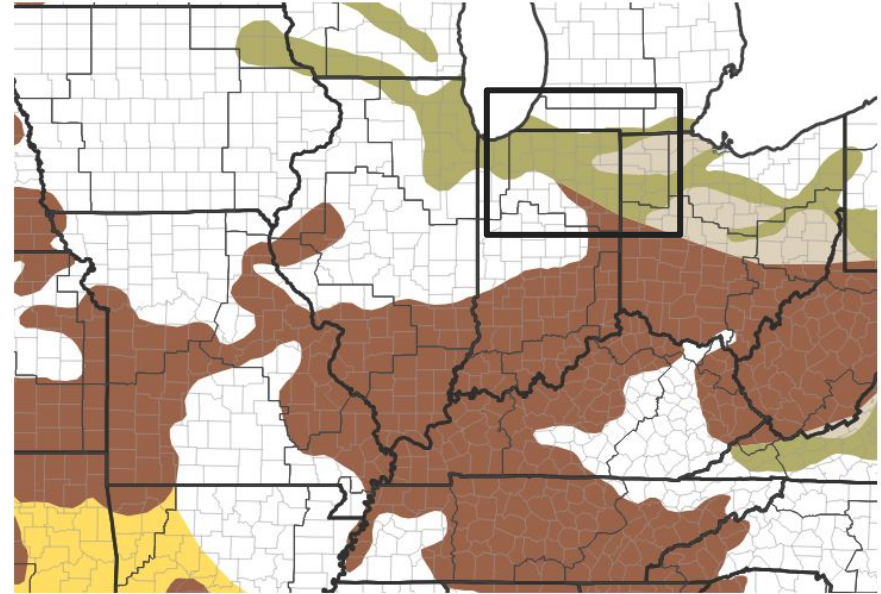


Drought Outlook

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

- Drought conditions are favored to improve or end over much of the forecast area throughout the fall

Seasonal (3-Month) Drought Outlook for August 31, 2024–November 30, 2024



Drought Is Predicted To...



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

Last Updated: 09/19/24

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