



Drought Information Statement for Northern Ohio

Valid September 12, 2024

Issued By: NWS Cleveland

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- This product will be updated September 19, 2024.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/cle/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.
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- Severe Drought (D2) conditions have developed across northwest Ohio.
 - This is the first time D2 conditions have occurred in the NWS Cleveland forecast area since August 2016.





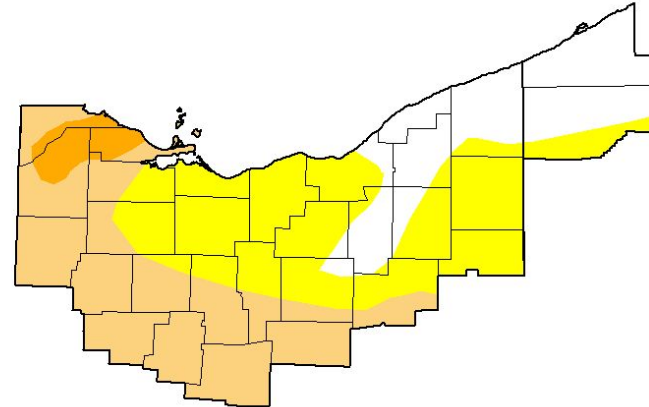
U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Northern Ohio and Northwest Pennsylvania

- Drought intensity and Extent
 - **D2 (Severe Drought):** Southeastern Lucas, northern Wood, western Ottawa, and northwestern Sandusky counties in Ohio.
 - **D1 (Moderate Drought):** Most of northwestern Ohio and locations near U.S. Route 30 in north-central Ohio.
 - **D0: (Abnormally Dry):** Most of north-central Ohio, the Youngstown-Warren area, and far southern Crawford county, PA.

U.S. Drought Monitor Cleveland, OH WFO

September 10, 2024
(Released Thursday, Sep. 12, 2024)
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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National Drought Mitigation Center



droughtmonitor.unl.edu

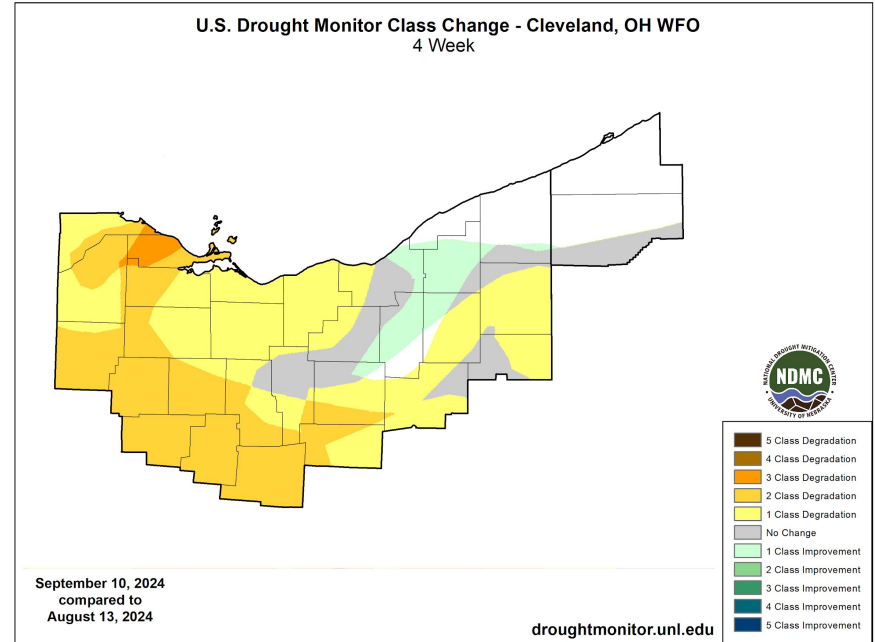




Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for Northern Ohio and Northwest Pennsylvania

- Four Week Drought Monitor Class Change.
 - Drought Worsened: Most of northwest and north central Ohio, some portions of northeast Ohio in the Canton to Youngstown-Warren areas.
 - No Change: Small portions of northeast Ohio and northwest Pennsylvania.
 - Drought Improved: A small corridor from northeast Wayne county northeastward to eastern Cuyahoga and Geauga counties, where 4 to 7 inches of rain fell on August 8th.

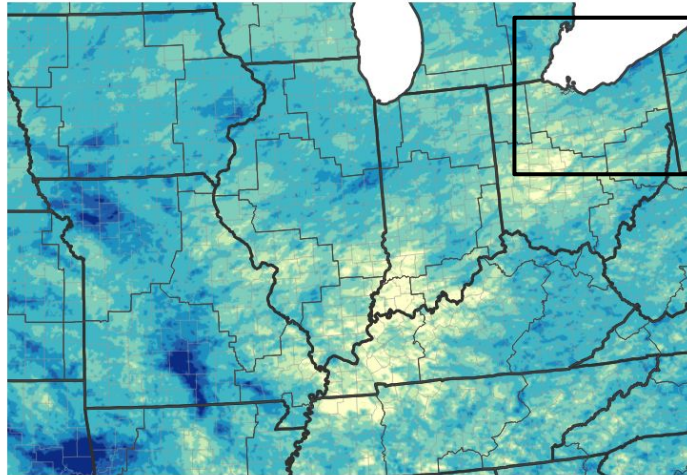




Precipitation

- Aside from small portions of northeast Ohio and northwest Pennsylvania, most of the area has received less than 2 inches of rainfall in the past 30 days. A large portion of the area has seen less than 50% of normal rainfall during the past 30 days.

30-Day Precipitation Accumulations (Inches)



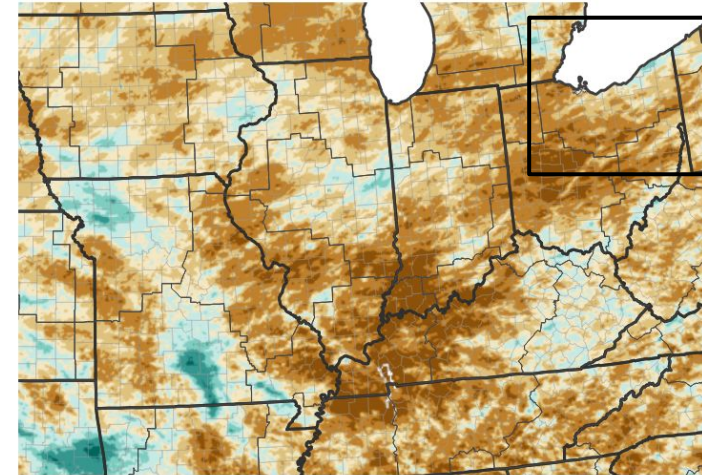
Inches of Precipitation



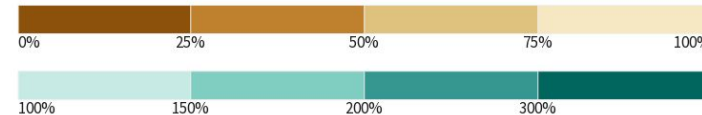
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 09/11/24

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: 09/11/24



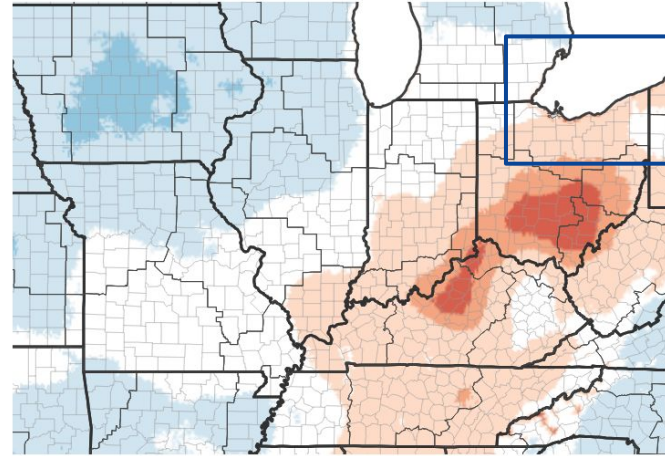


Temperature

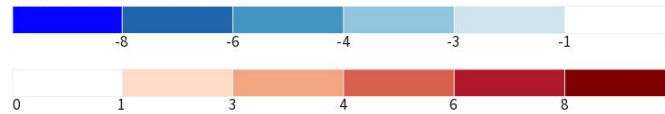
Link to [MRCC](#)

- Temperatures have been near to 1 to 3 degrees above normal over the last 7 and 30 days.

7-Day Temperature Anomaly



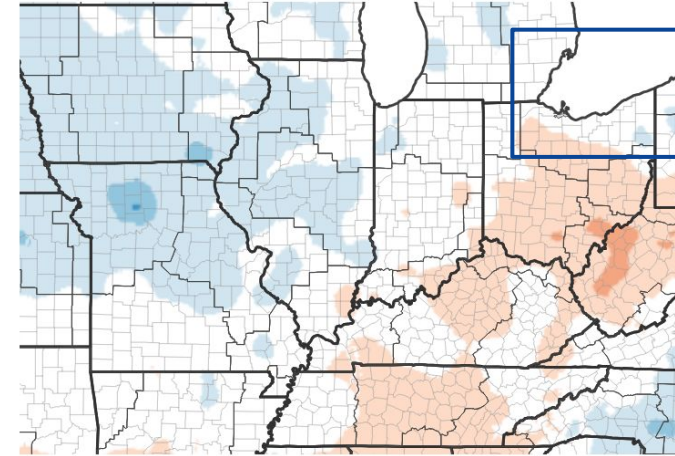
Departure from Normal Max Temperature (°F)



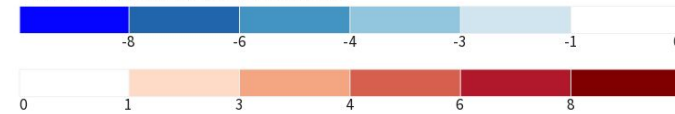
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 09/07/24

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: 09/07/24





Summary of Impacts

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

Hydrologic Impacts

- Streamflows are abnormally low across portions of the D1 and D2 areas.
- Water levels on small creeks and ponds are low across the area. ([Source](#))

Agricultural Impacts

- Corn crops are brown and soybean leaves are yellowing in D1 and D2 areas. ([Source](#))

Fire Hazard Impacts

- Low humidity, dry fuels, and periodic breezy winds may result in elevated fire danger in dry locations. ([Source](#))

Other Impacts

- Unwatered lawns have turned brown in D0 to D2 locations with the most widespread impacts in the D2 area. ([Source](#))
- Trees are losing leaves in all dry locations. ([Source](#))

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.

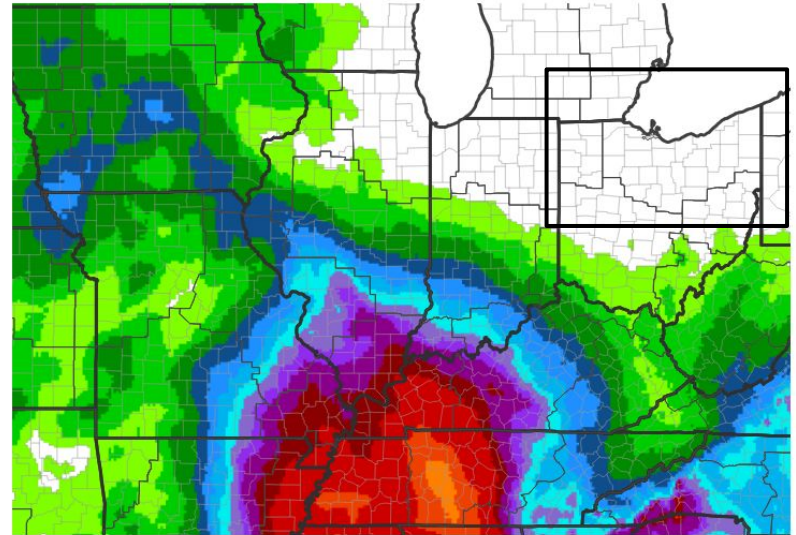




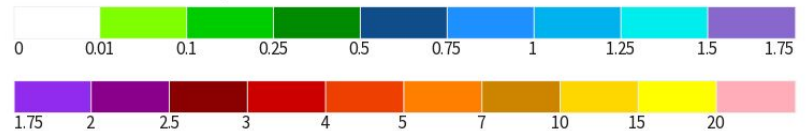
Seven Day Precipitation Forecast

- Rain chances are low through the next seven days.
- Dry weather is anticipated through the weekend and possibly into the first half of next week.
- The remnants of a coastal low may move into the region by the middle of next week, but it's possible that rainfall remains to the south or east of the area.

7-Day Quantitative Precipitation Forecast for September 11, 2024-September 18, 2024



Predicted Inches of Precipitation



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

Last Updated: 09/11/24



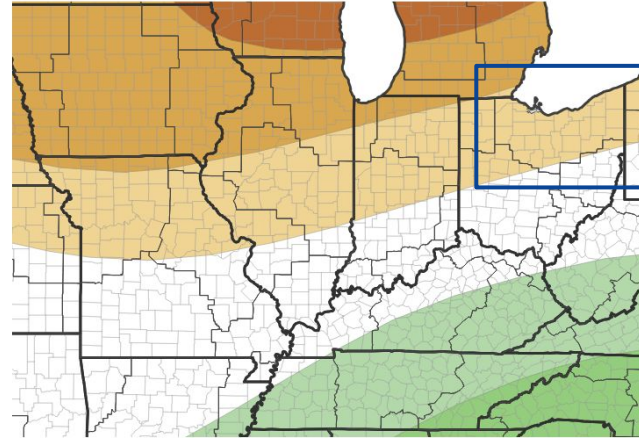


Long-Range Outlooks

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

- Chances are leaning towards below normal precipitation through the end of September.
- There are no strong signals of above or below normal temperatures through the end of September.

Monthly Precipitation Outlook for September 1, 2024-September 30, 2024



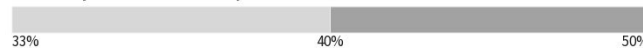
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



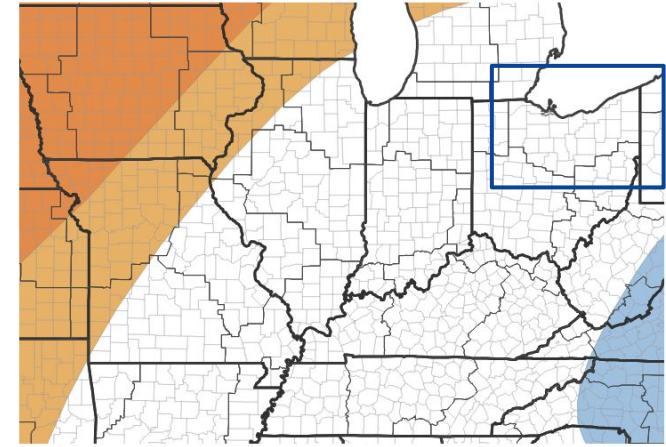
Probability of Near-Normal Precipitation



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

Last Updated: 08/31/24

Monthly Temperature Outlook for September 1, 2024-September 30, 2024



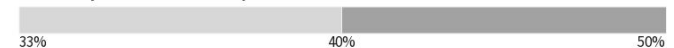
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



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

Last Updated: 08/31/24



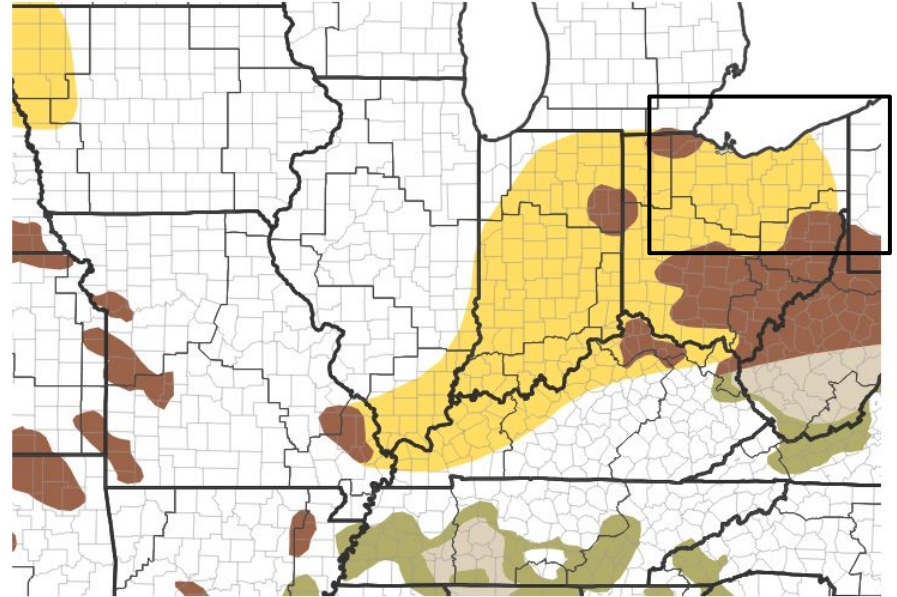


Drought Outlook

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

- Drought is predicted to persist across the D2 area in September.
- Drought is predicted to develop across the majority of northern Ohio in September.

1-Month Drought Outlook for September 1, 2024–September 30, 2024



Drought Is Predicted To...



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

Last Updated: 08/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

