Drought Information Statement for the Middle Ohio River Valley

Valid December 12, 2024
Issued By: NWS Wilmington Ohio
Contact Information: spotreport.iln@noaa.gov

- There are no plans to update this product until conditions in the area deteriorate to either Extreme Drought (D3) or if the need arises, to Severe Drought (D2)
- Please visit https://www.weather.gov/ILN/DroughtInformationStatement for previous statements.

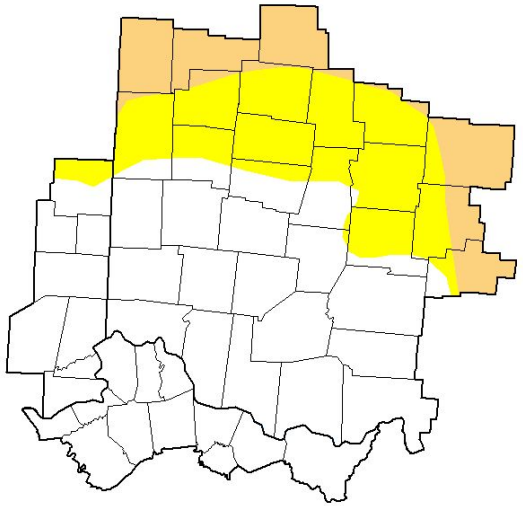
- Conditions have improved significantly across the region, with no future Drought Information Statements expected in the foreseeable future

U.S. Drought Monitor

Link to the latest U.S. Drought Monitor for Lower Midwest

Drought intensity and Extent

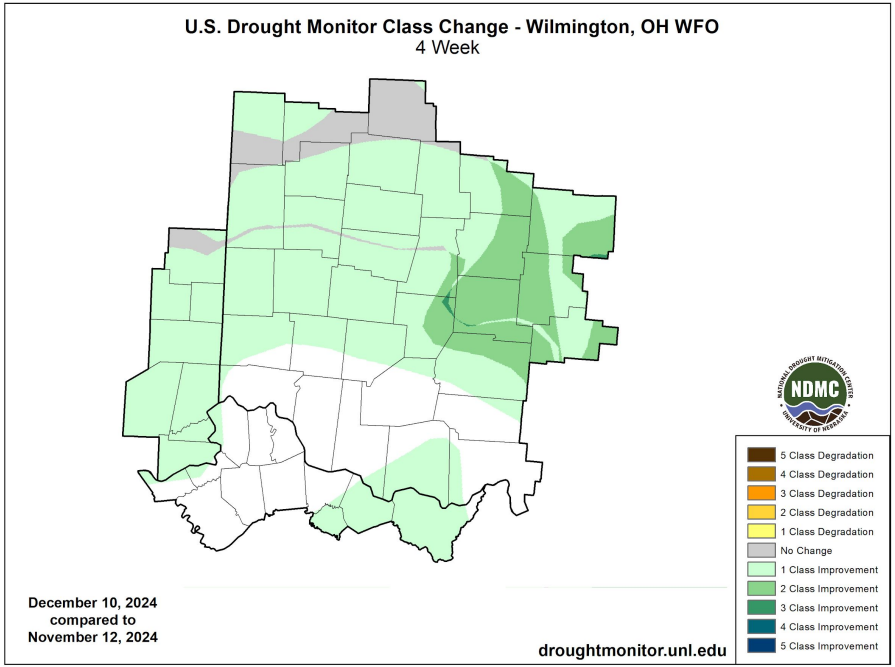
- **D1 (Moderate Drought)**: Now limited to just some areas of west central and central Ohio.
- **D0: (Abnormally Dry)**: Limited mostly to upper reaches of the Whitewater, Miami and Scioto basins.



Recent Change in Drought Intensity

Link to the latest 4-week change map for Ohio River Valley

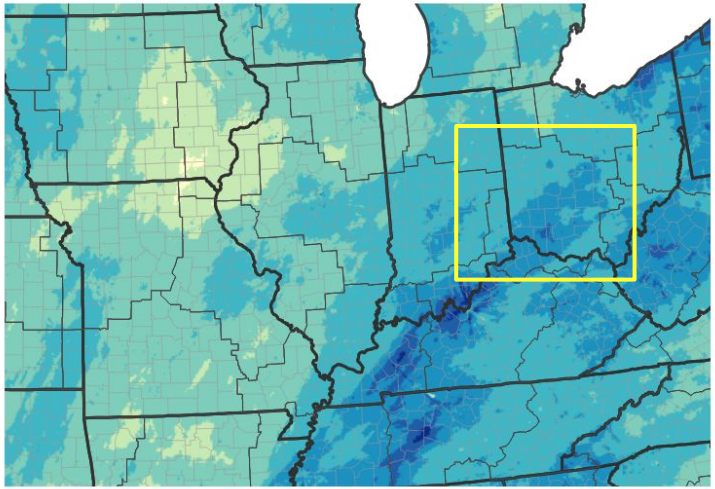
- Four Week Drought Monitor Class Change.
  - **No Change:** Scattered areas of upper Scioto, St. Mary's and Whitewater basins.
  - **Drought Improved:** Continued widespread improvement since early November.



Precipitation Accumulations and Percent of Normal

Precipitation over the past 30 days has shown just the upper Whitewater, St. Mary's and Upper Great Miami basins receiving below normal precipitation. All other regions have received above normal precipitation since early November.

30-Day Precipitation Accumulations (Inches)



Inches of Precipitation

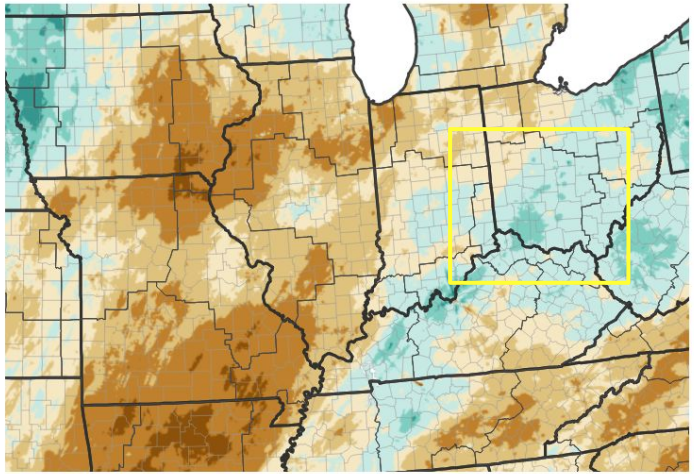
0 | 0.01 | 0.5 | 1 | 2

2 | 4 | 6 | 8

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

Last Updated: 12/11/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)

0% | 25% | 50% | 75% | 100%

100% | 150% | 200% | 300%

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

Last Updated: 12/11/24

Summary of Impacts

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

Hydrologic Impacts

- While 7-day average streamflows do remain in the 'below normal' range, they have improved significantly over the region in the past 30-60 days.

Agricultural Impacts

- Supplemental hay feeding does continue in parts of southeast Ohio
- Ohio Crop Weather Report, Indiana Crop Weather Report, Kentucky Crop Weather Report
- Ohio Country Journal State Climate Office of Ohio Kentucky Division of Water Drought Page

Fire Hazard Impacts

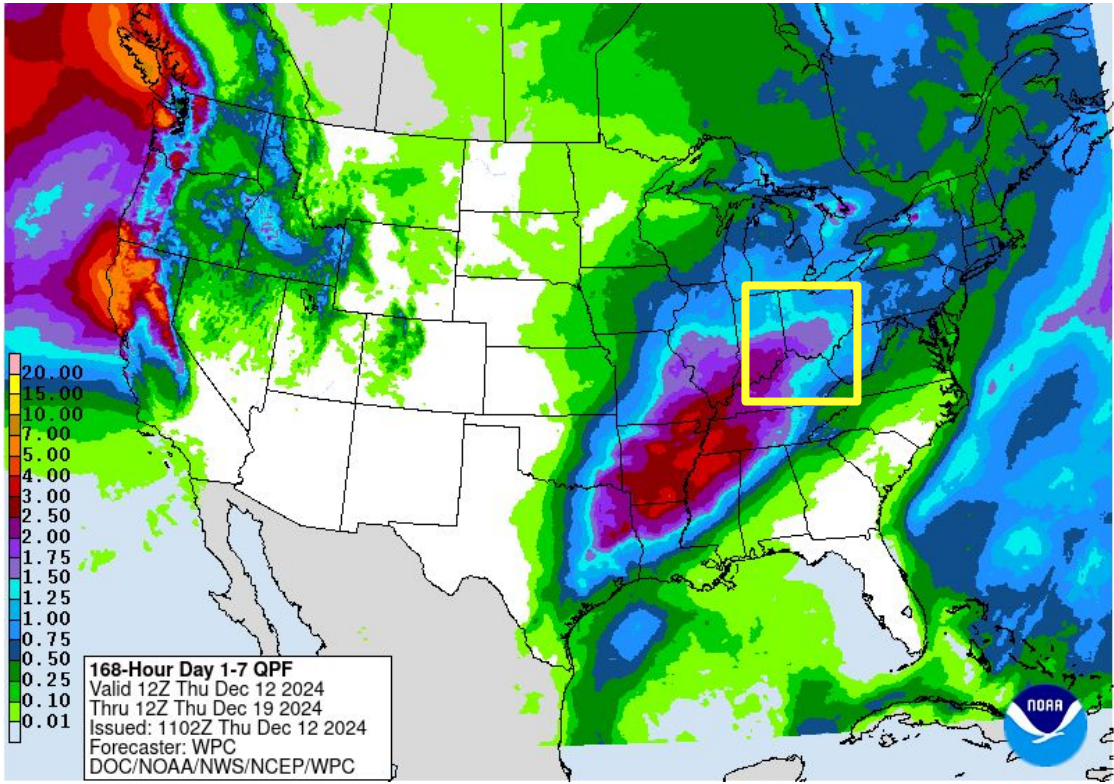
- None

Mitigation Actions

- None Reported

Seven Day Precipitation Forecast

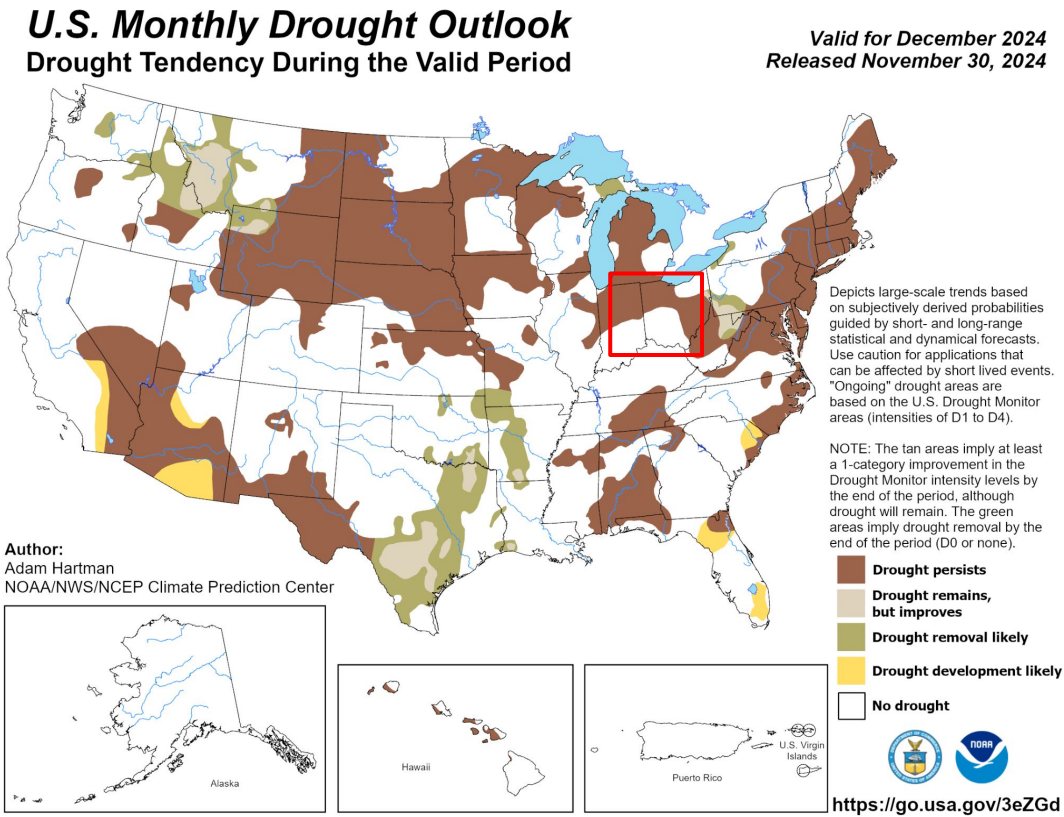
- Above normal precipitation is expected for the next 7 days, the period from Dec 12-19.



Drought Outlook

The latest monthly and seasonal outlooks can be found on the CPC homepage

- The U.S. Monthly Drought outlook, at the time of issuance on November 30, called for drought conditions to continue in areas of D1 across the Mid Ohio Valley.
- **This is UNLIKELY**, given more updated information as of Dec 12, 2024, with above normal precipitation expected through Dec 29, 2024.
- Drought conditions are likely to continue to improve across the mid Ohio Valley through December.



Links to the latest:
Climate Prediction Center Monthly Drought Outlook
Climate Prediction Center Seasonal Drought Outlook