



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

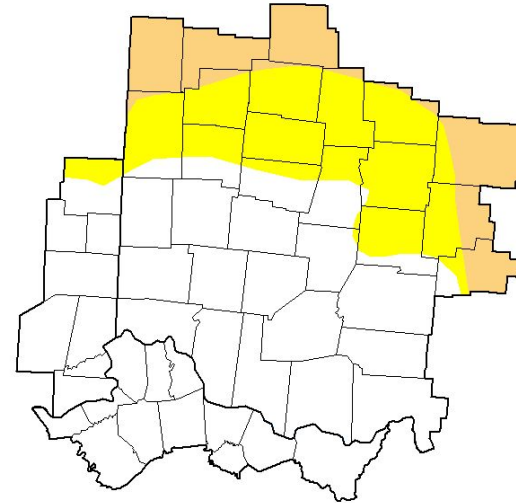
Link to the [latest U.S. Drought Monitor](#) for Lower Midwest

U.S. Drought Monitor Wilmington, OH WFO

December 10, 2024
(Released Thursday, Dec. 12, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	64.68	35.32	12.97	0.00	0.00	0.00
Last Week 12-03-2024	64.68	35.32	12.97	0.00	0.00	0.00
3 Months Ago 09-10-2024	0.00	100.00	89.62	47.92	17.47	3.41
Start of Calendar Year 01-02-2024	29.04	70.96	41.87	0.17	0.00	0.00
Start of Water Year 10-01-2024	15.14	84.86	49.90	16.55	7.47	0.49
One Year Ago 12-12-2023	48.53	51.47	5.88	0.00	0.00	0.00



Intensity:



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>

Author:

Curtis Riganti
National Drought Mitigation Center



droughtmonitor.unl.edu

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.

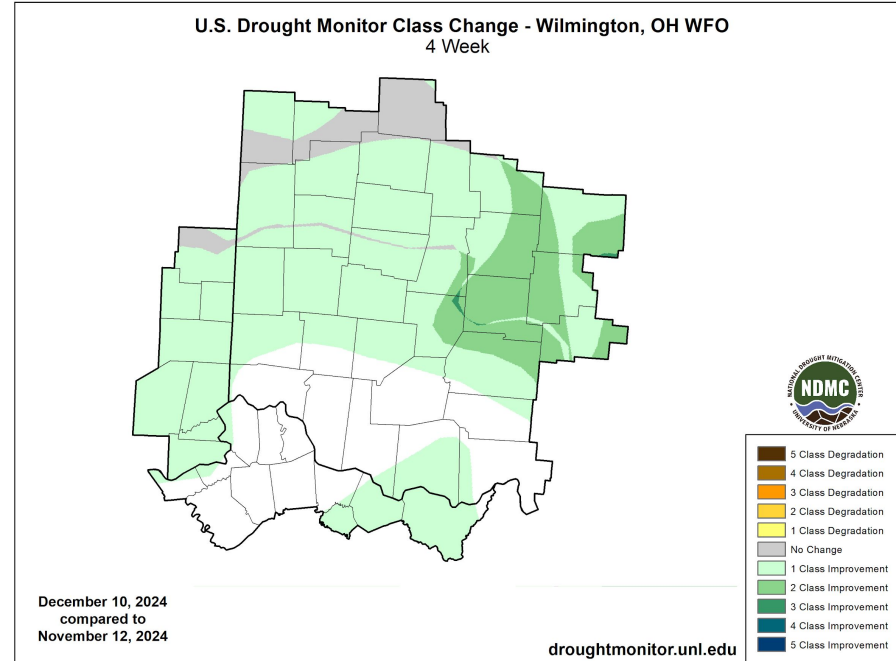




Recent Change in Drought Intensity

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.

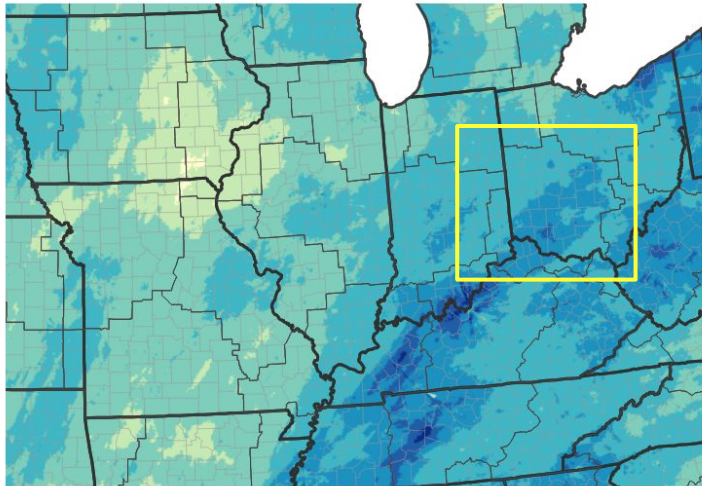




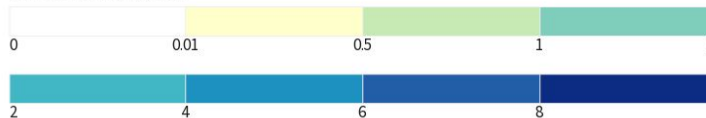
Precipitation Accumulations and Percent of Normal

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)



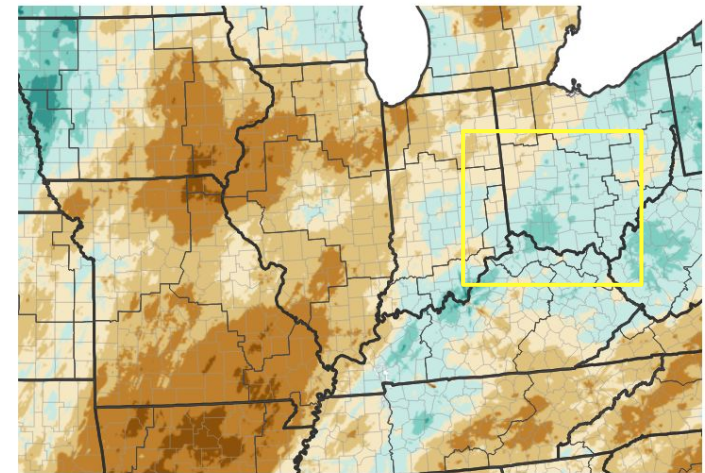
Inches of Precipitation



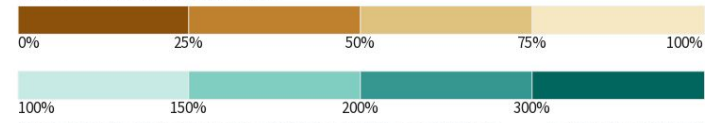
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 12/11/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



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

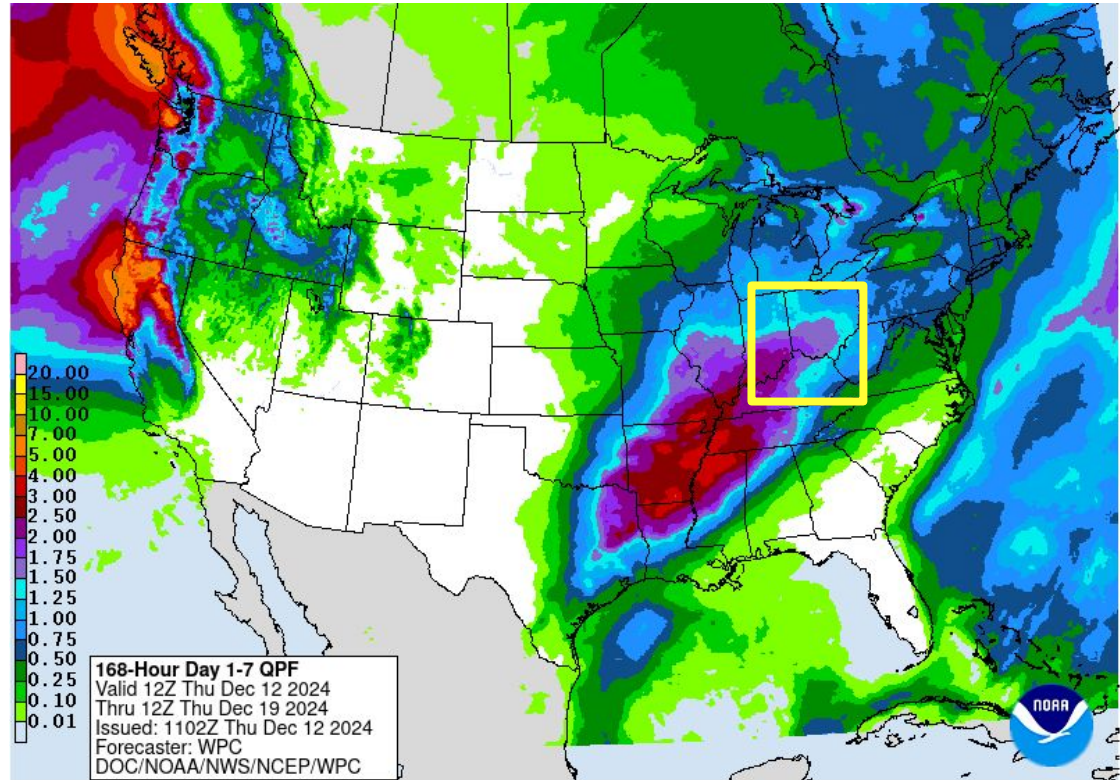
- None Reported





Seven Day Precipitation Forecast

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





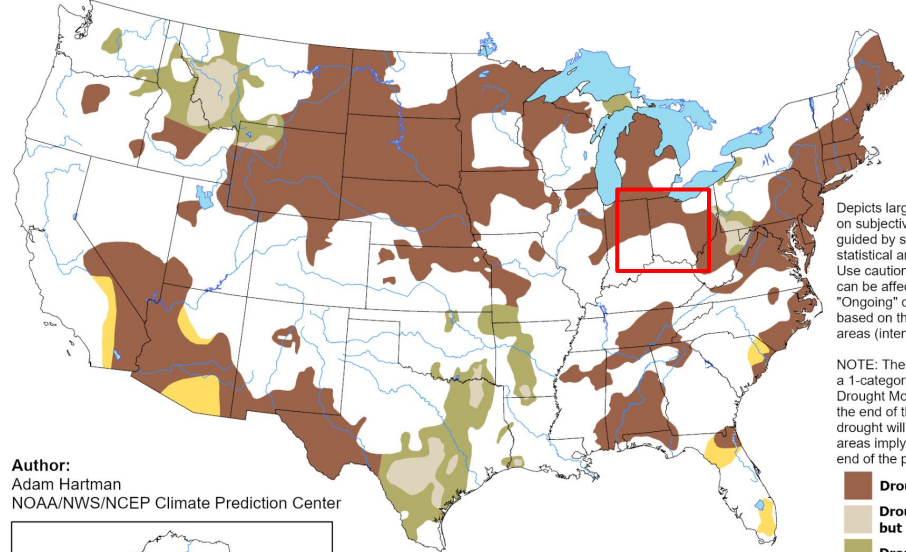
Drought Outlook

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.

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

Valid for December 2024
Released November 30, 2024

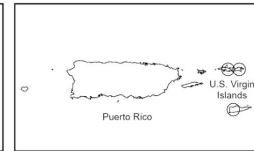
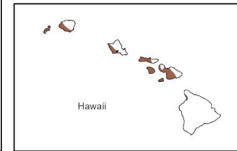
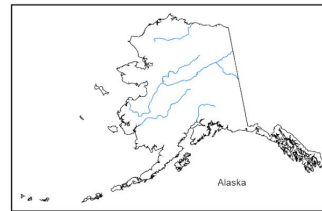


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Dark Brown:** Drought persists
- Light Brown/Tan:** Drought remains, but improves
- Green:** Drought removal likely
- Yellow:** Drought development likely
- White:** No drought

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<https://go.usa.gov/3eZGd>

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
Wilmington, OH