

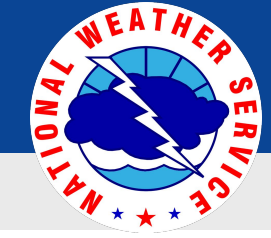


Drought Information Statement for Eastern Ohio, Northern West Virginia and Western Pennsylvania Valid December 9, 2024

Issued By: NWS Pittsburgh, PA

- This product will be updated if D3 (Extreme) drought conditions return.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/pbz/DroughtInformationStatement> for previous statements.
-
- Extreme Drought (D3) conditions have ended at this time.
 - This will be the last Drought Statement unless D3 conditions return or Drought Warning is issued from PA DEP for counties in SW PA.





U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for eastern Ohio, northern West Virginia, and western Pennsylvania

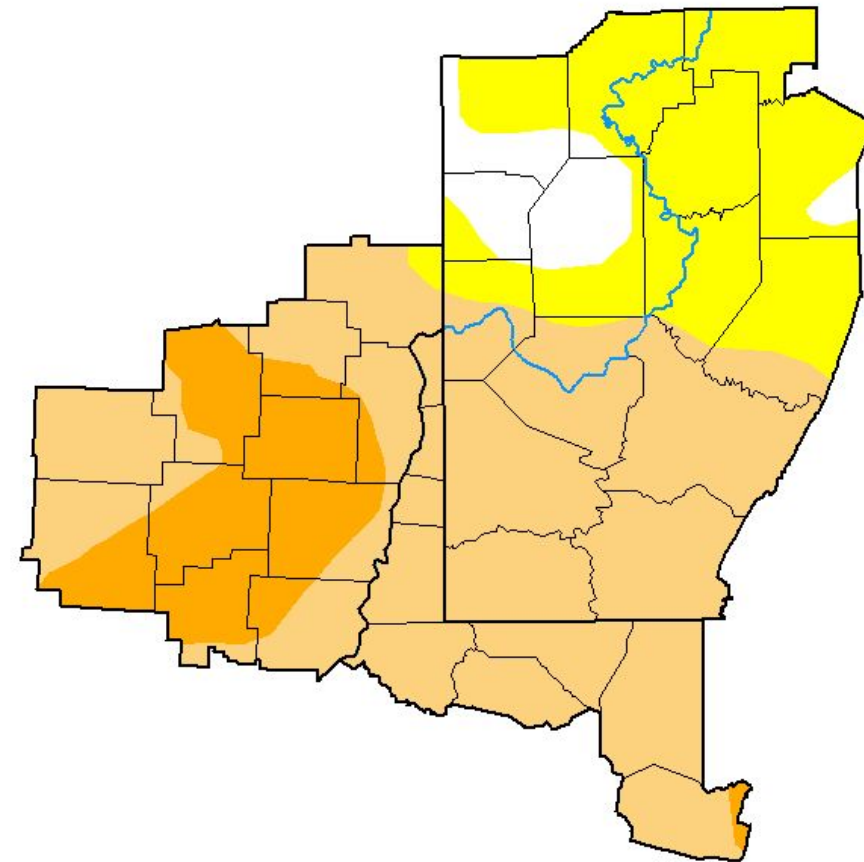
- Drought intensity and Extent
 - **D4 (Exceptional Drought):** None
 - **D3 (Extreme Drought):** None
 - **D2 (Severe Drought):** Tuscarawas, Jefferson, Carroll, Harrison, Guernsey, Belmont, Noble, Monroe, and Muskingum OH
 - **D1 (Moderate Drought):** From I-76 southward
 - **D0: (Abnormally Dry):** The rest of the region.

U.S. Drought Monitor Pittsburgh, PA WFO

December 3, 2024
(Released Thursday, Dec. 5, 2024)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	6.30	93.70	68.95	14.70	0.00	0.00
Last Week <small>11-26-2024</small>	0.35	99.65	70.01	53.11	14.05	0.00
3 Months Ago <small>09-03-2024</small>	12.50	87.50	65.13	42.97	22.28	6.66
Start of Calendar Year <small>01-02-2024</small>	94.97	5.03	0.00	0.00	0.00	0.00
Start of Water Year <small>10-01-2024</small>	10.17	89.83	69.02	48.43	28.75	10.30
One Year Ago <small>12-05-2023</small>	94.60	5.40	0.12	0.00	0.00	0.00



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>

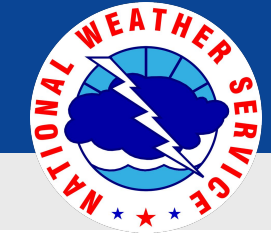
Author:

David Simeral
Western Regional Climate Center



droughtmonitor.unl.edu

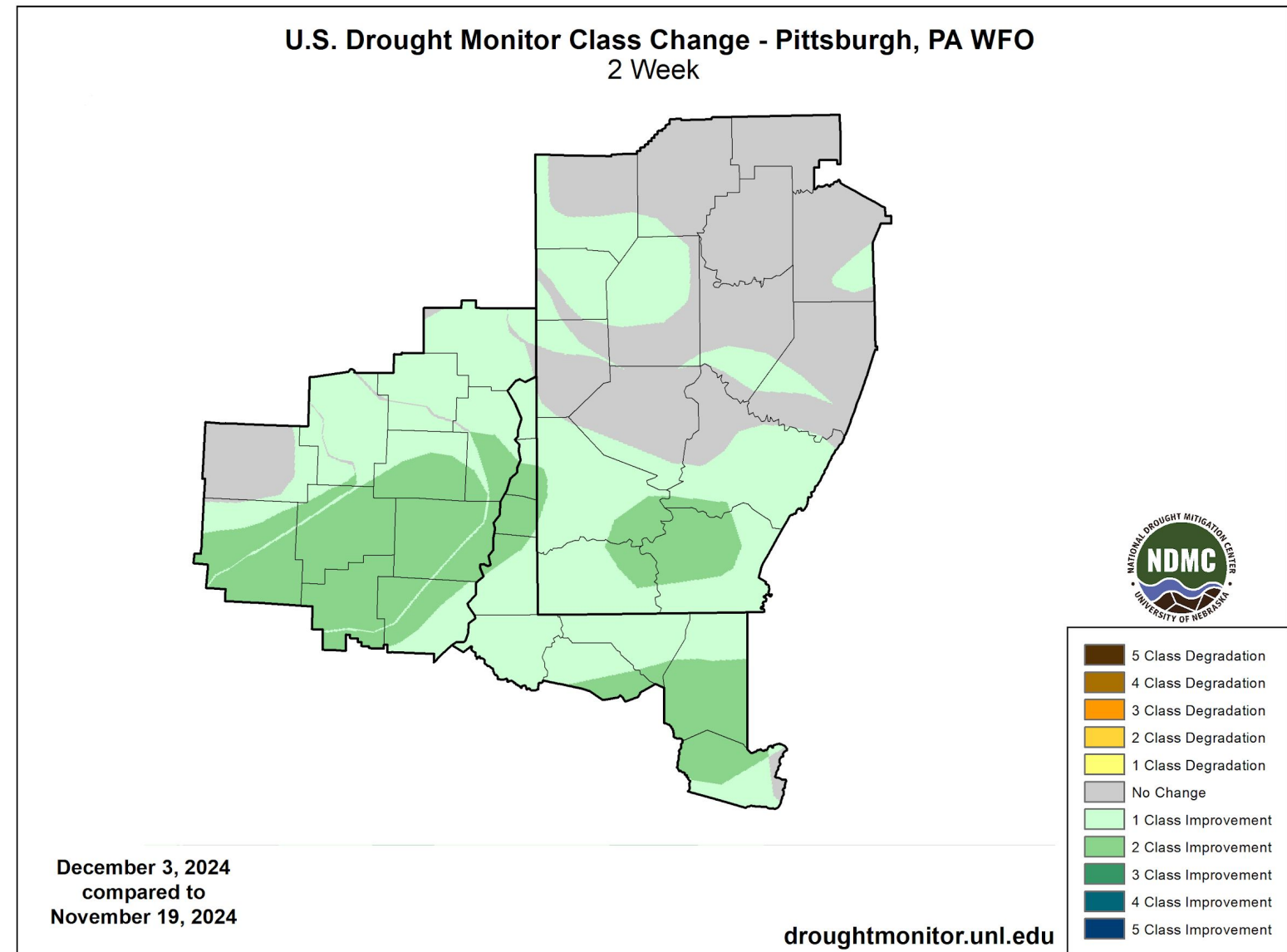


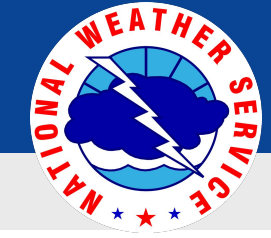


Recent Change in Drought Intensity

Link to the latest [2-week change map](#) for eastern Ohio, northern West Virginia, and western Pennsylvania

- Two Week Drought Monitor Class Change.
 - **Drought Worsened:** None
 - **No Change:** Allegheny county and points northward in Western PA, and Coshocton county OH.
 - **Drought Improved:** Much of the region south of I-76 and portions of Lawrence, Butler, and Mercer counties in PA.

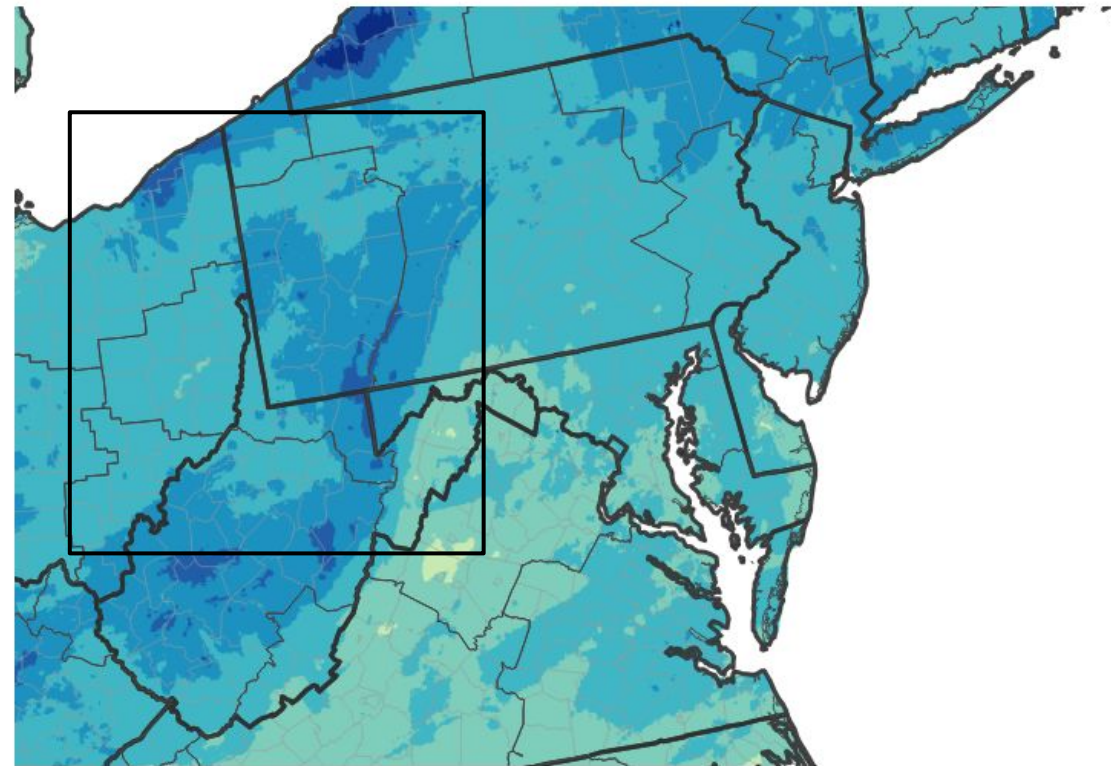




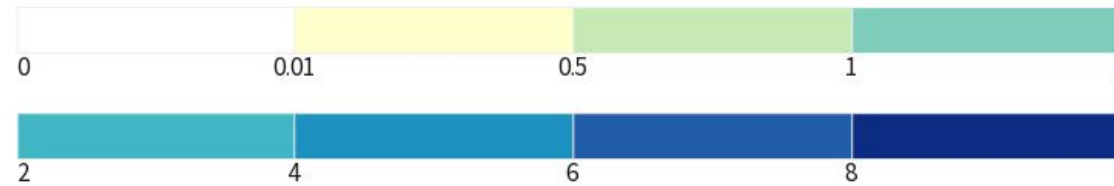
Precipitation

- Between 2-4 inches of precipitation has fallen, with some higher amounts of near 6 inches across the terrain in PA/WV over the last 30 days.
- For much of the upper Ohio Valley, this is near 100% of normal precipitation with some areas exceeding 150% of normal.

30-Day Precipitation Accumulations (Inches)



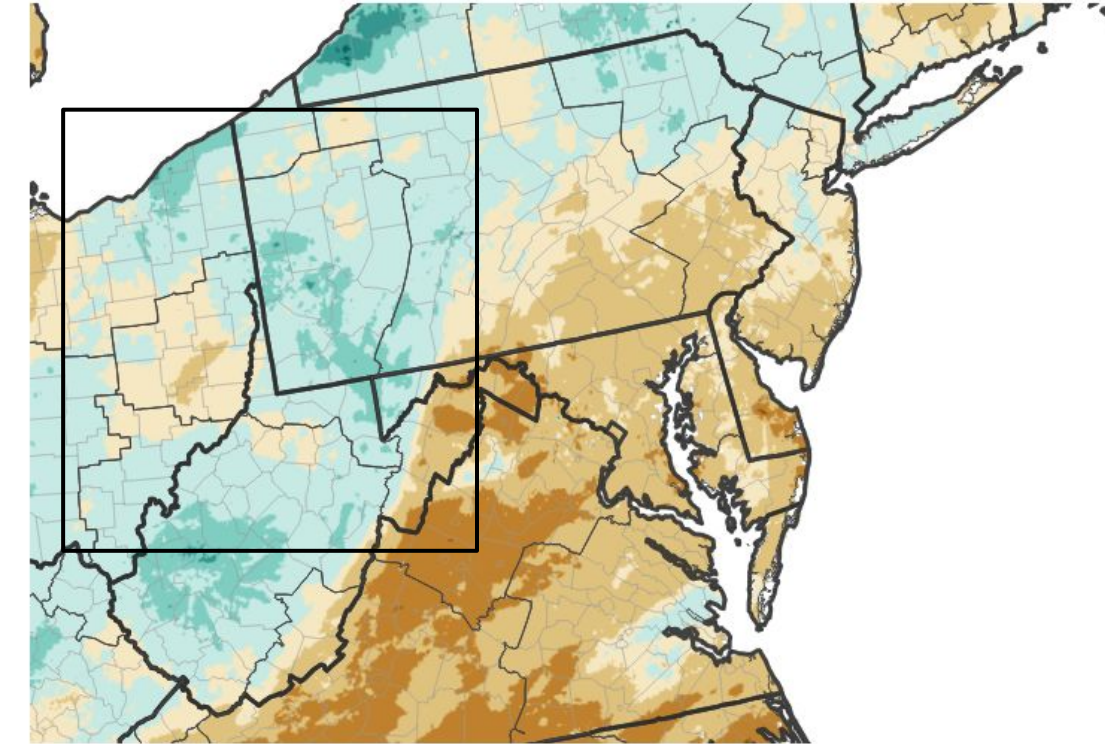
Inches of Precipitation



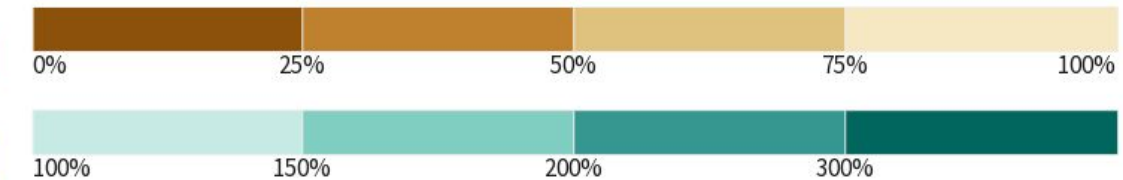
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 12/08/24

30-Day Percent of Normal Precipitation

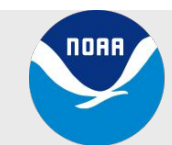


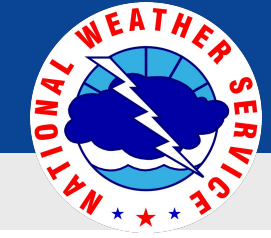
Percent of Normal Precipitation (%)



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

Last Updated: 12/08/24





Summary of Impacts

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

Hydrologic Impacts

- Streamflows are still running below normal across the upper Ohio Valley.
- Some private wells remain low and are slow to fill.

Agricultural Impacts

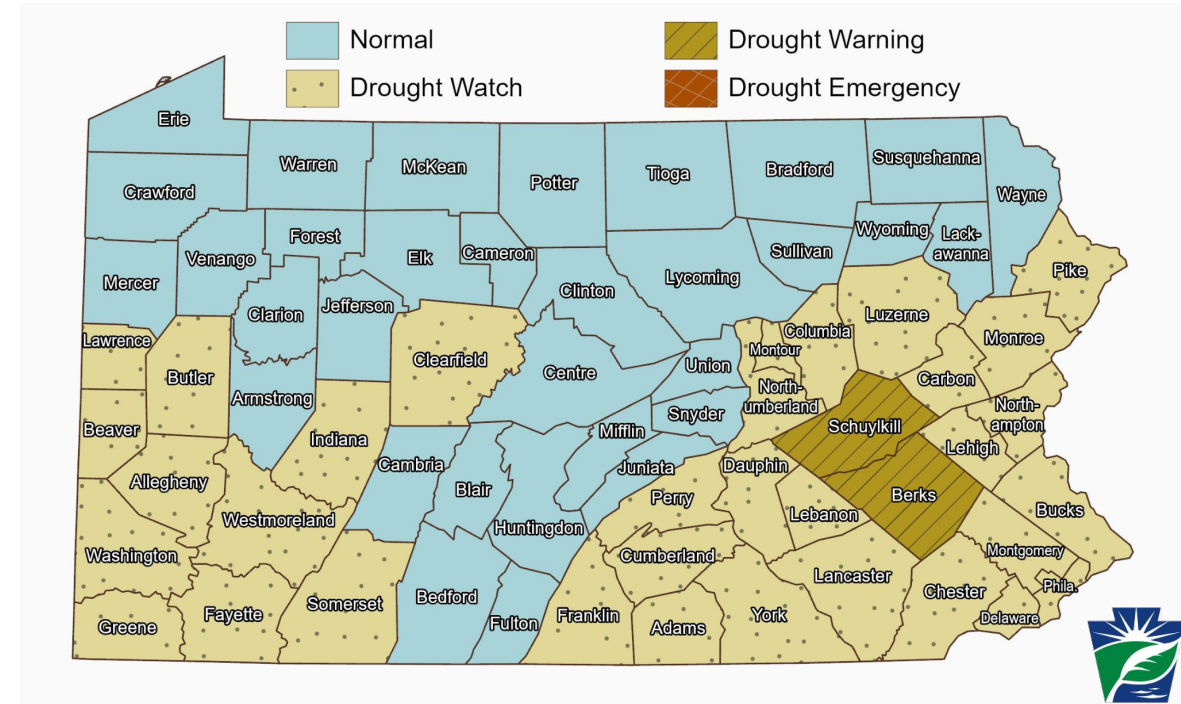
- Soil moisture is recovering but remains near 5% across southeastern Ohio.
- Farmers are still hauling water for livestock and supplemental feeding.
- There have been sales of livestock as a result of lack of feed and water.

Fire Hazard Impacts

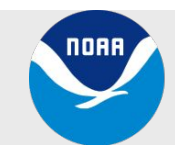
- Fire Risk is low.

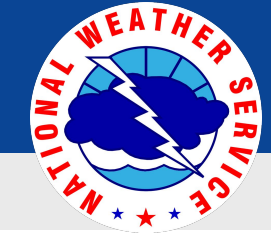
Mitigation Actions

- Some voluntary and mandatory water restrictions have been put in place.
- A Drought Watch is still in effect by the PA DEP for several counties in SW PA.



Drought Watch/Warning Map for PA from PA DEP 11/1/2024





Hydrologic Conditions and Impacts

- Streamflows remain below average across much of the upper Ohio Valley, though there is some slight improvement in longer ranges (14 day on right).
- Groundwater wells remain below normal in PA and northern WV, though there has been some improvement.
- Reservoirs are beginning to see a response with recent precipitation, with some improvement in those locations that are well below winter pool.

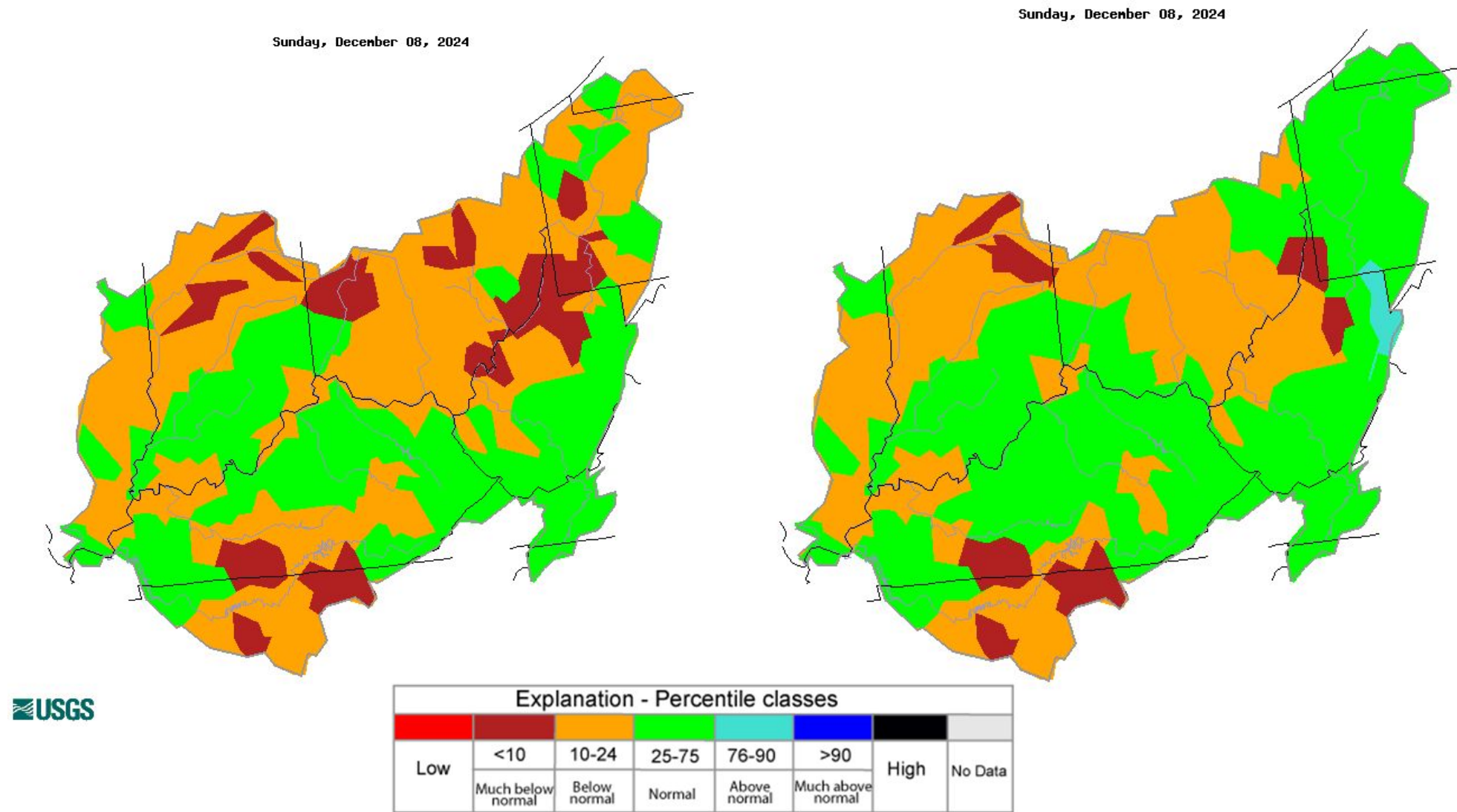
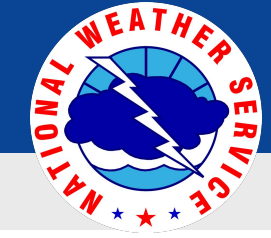


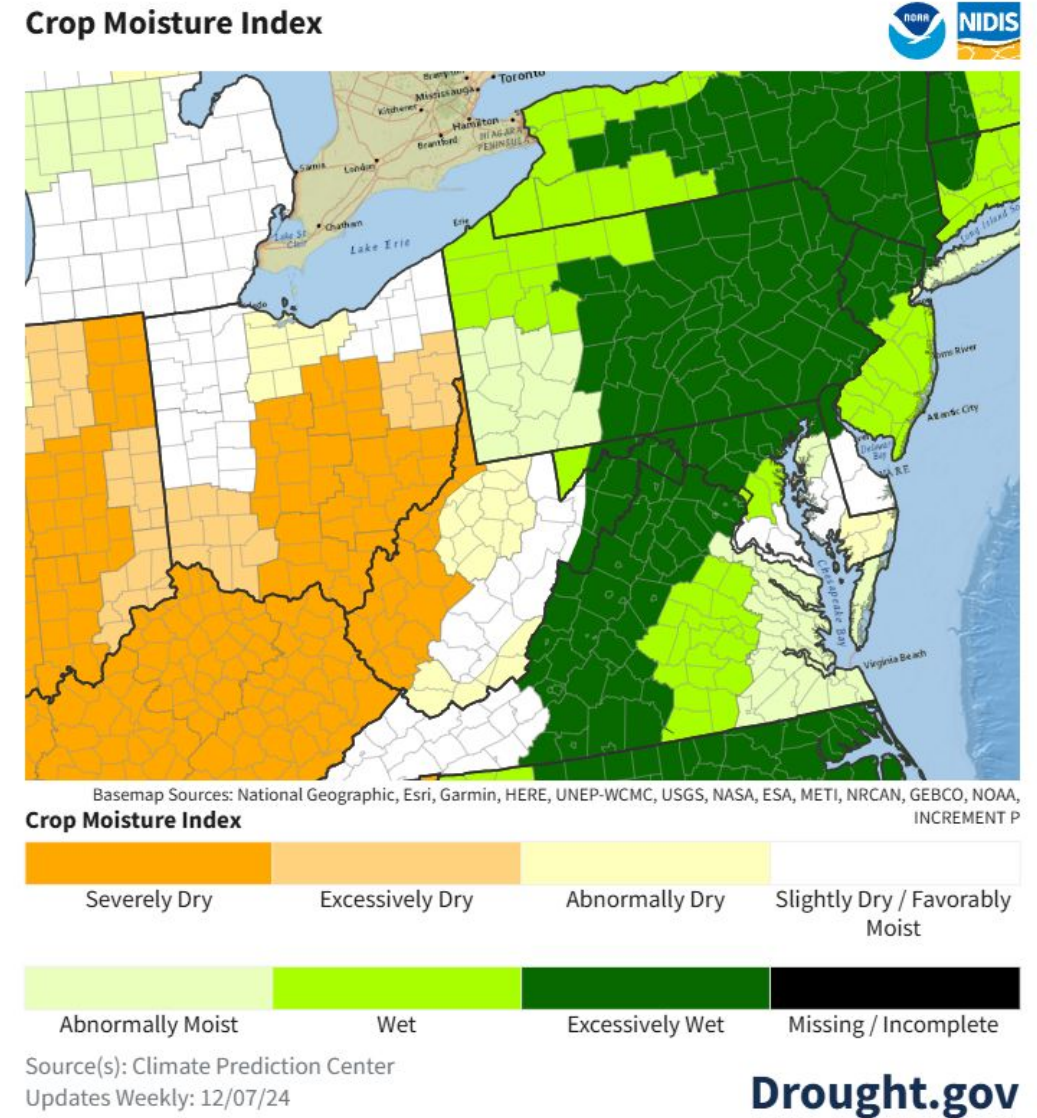
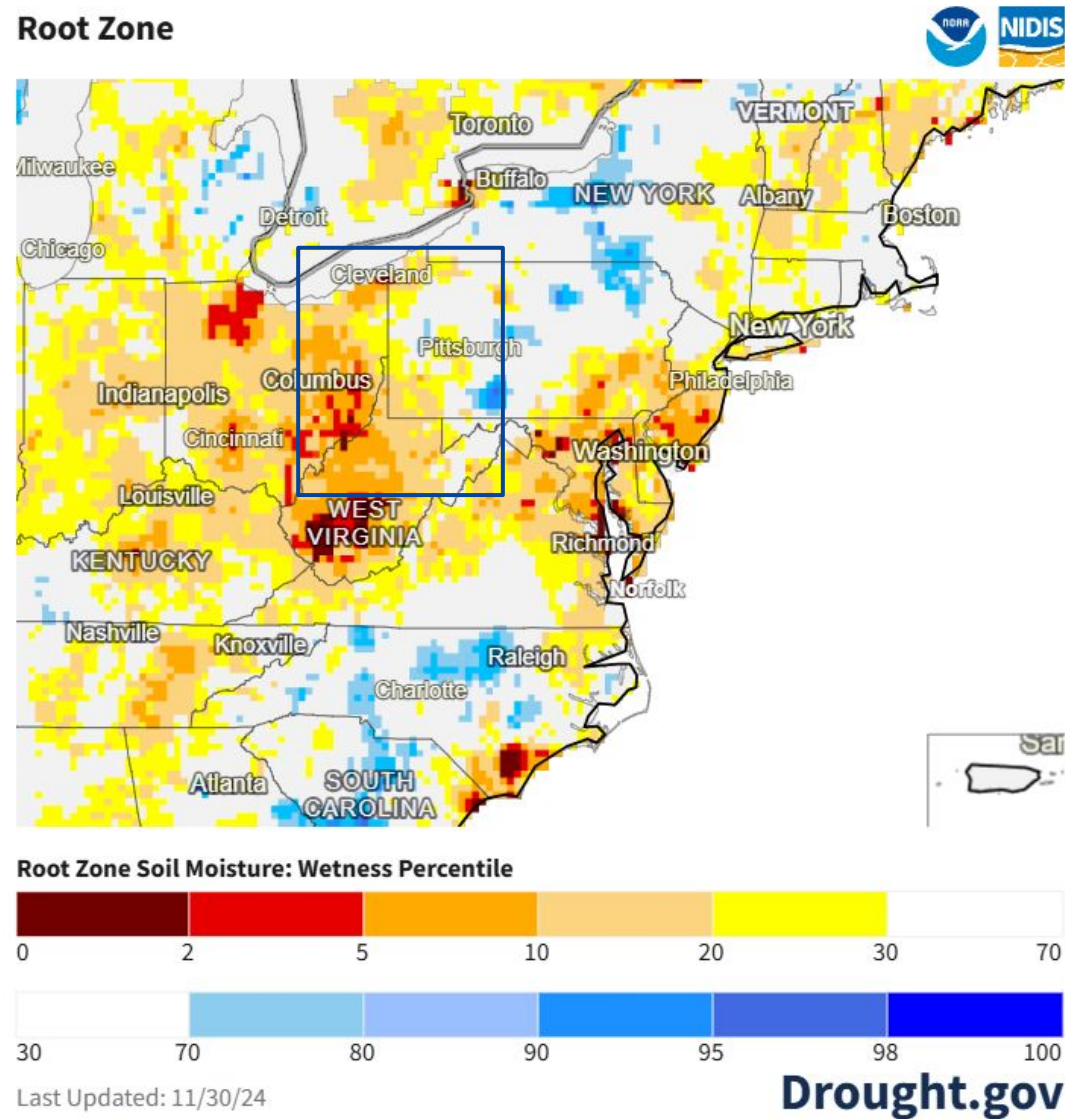
Image Caption: USGS 7 day average streamflow (left) and USGS 14 day average streamflow (right) HUC map valid 12/08/2024

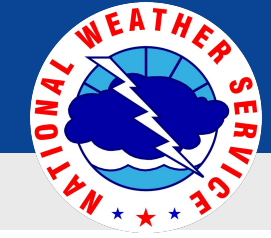




Agricultural Impacts

- Soil moisture remains below normal portions of Ohio, but is slowly improving.
- Supplemental feeding of livestock
 - Reports of livestock being sold due to lack of feed/water

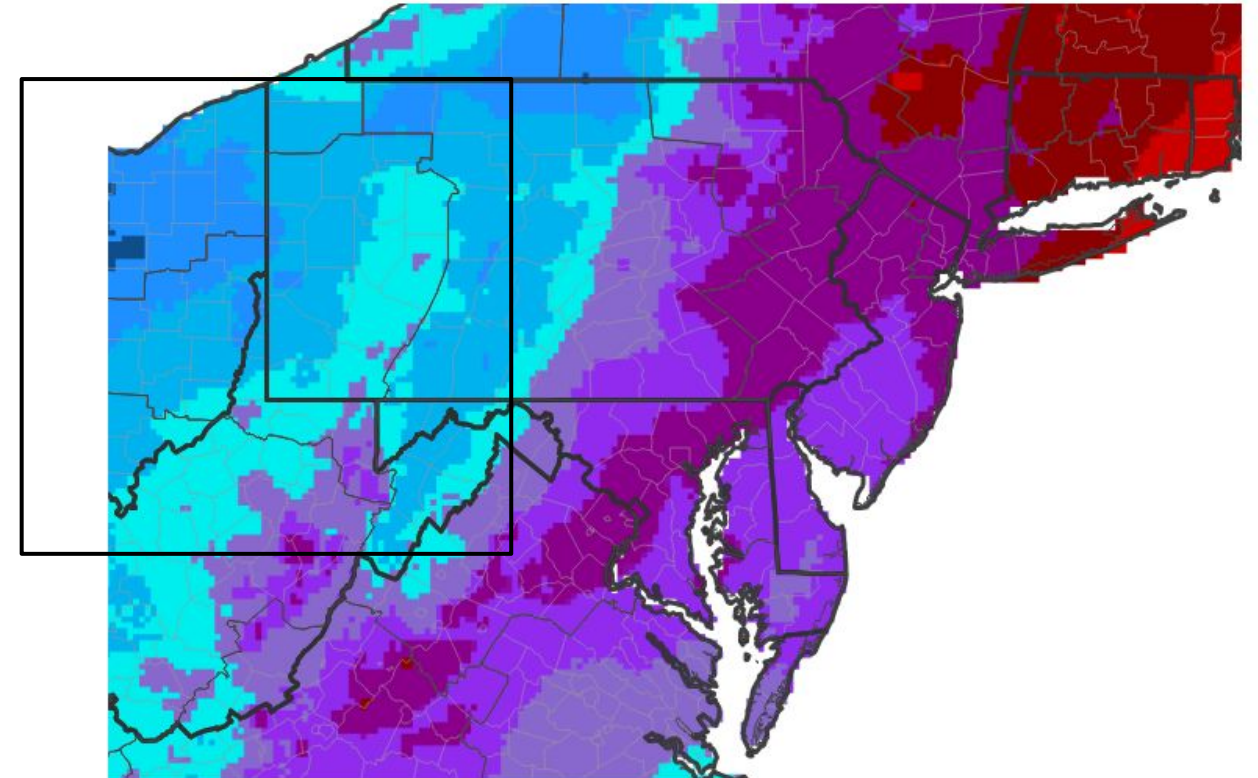




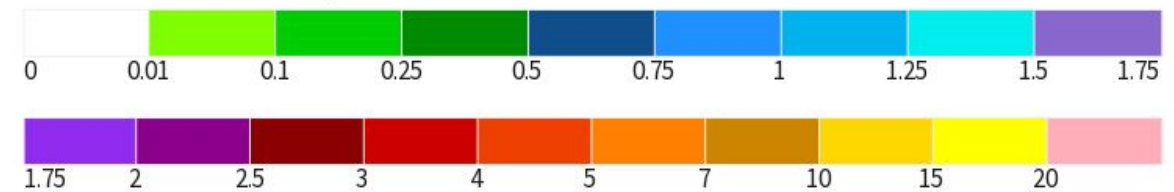
Seven Day Precipitation Forecast

- Rounds of precipitation will continue through the week with passing systems.
- This should continue to ease drought conditions though some long range drought indicators will be slower to show improvement.

7-Day Quantitative Precipitation Forecast for December 8, 2024–December 15, 2024



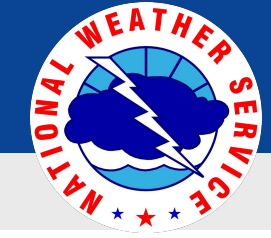
Predicted Inches of Precipitation



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

Last Updated: 12/08/24

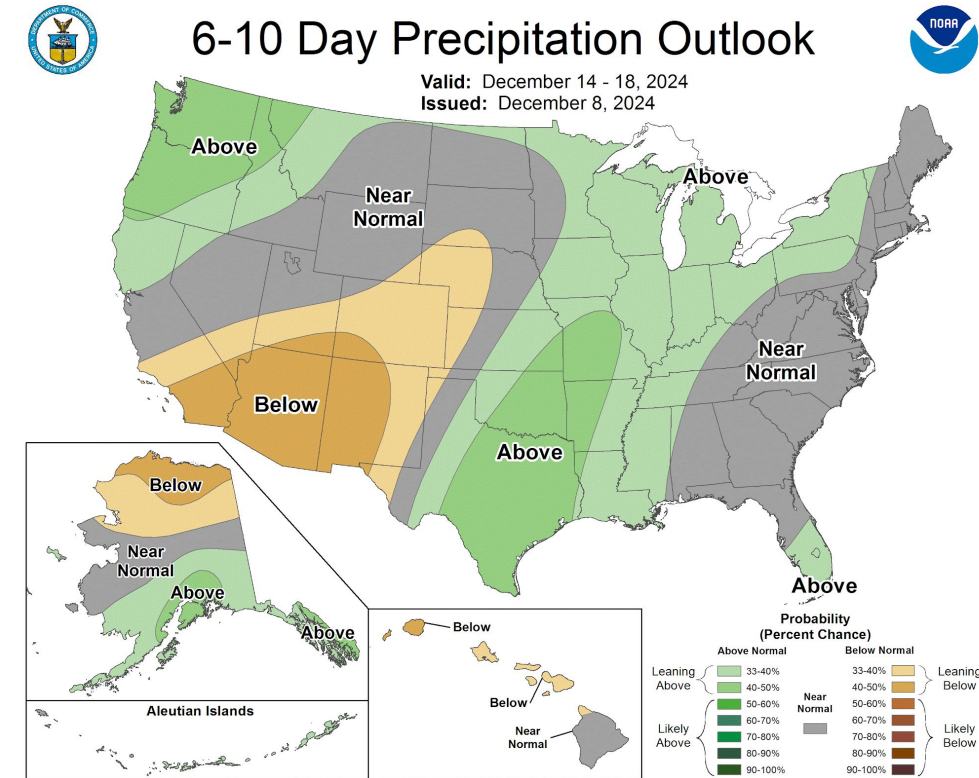
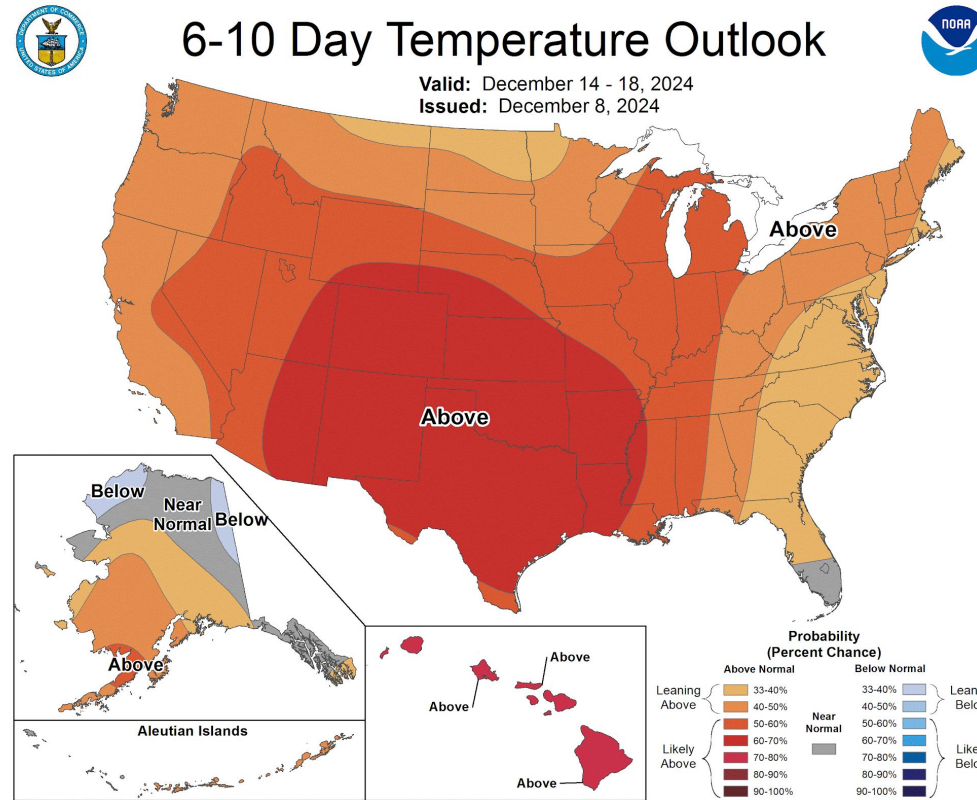


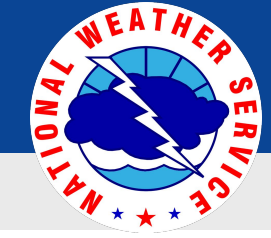


Long-Range Outlooks

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

- Latest 6-10 day outlook calls for temperatures above normal and precipitation slightly above normal.

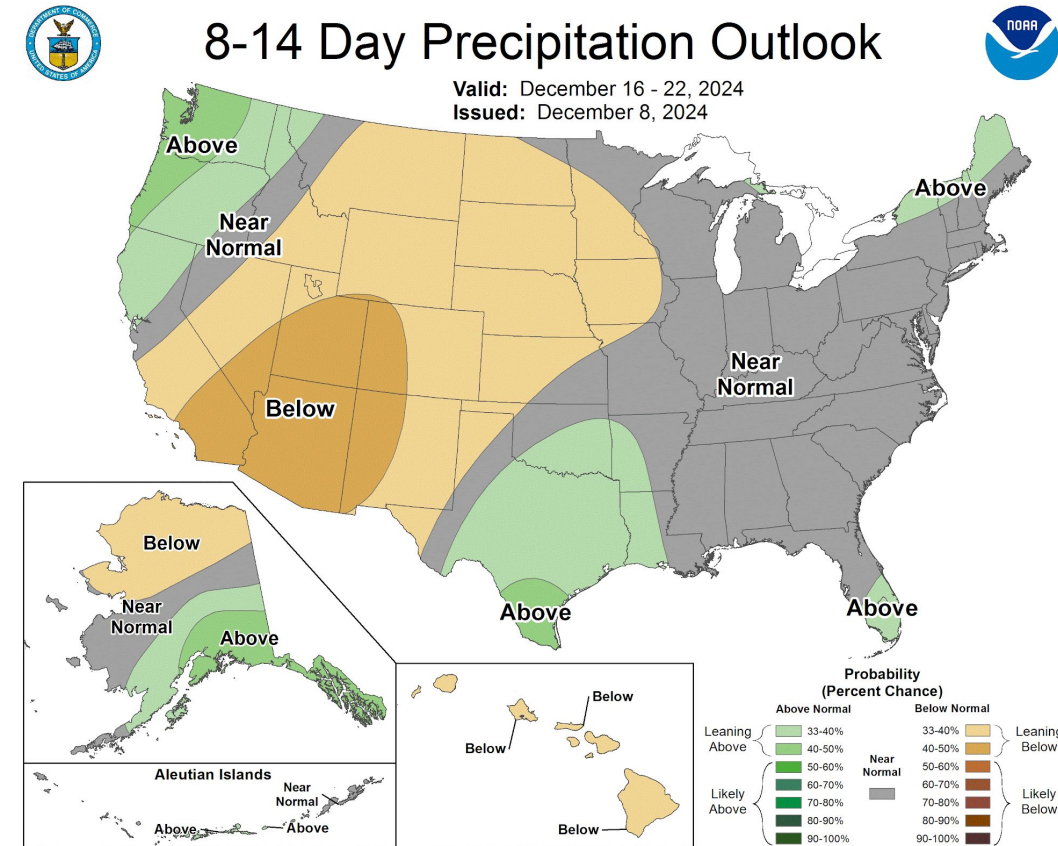
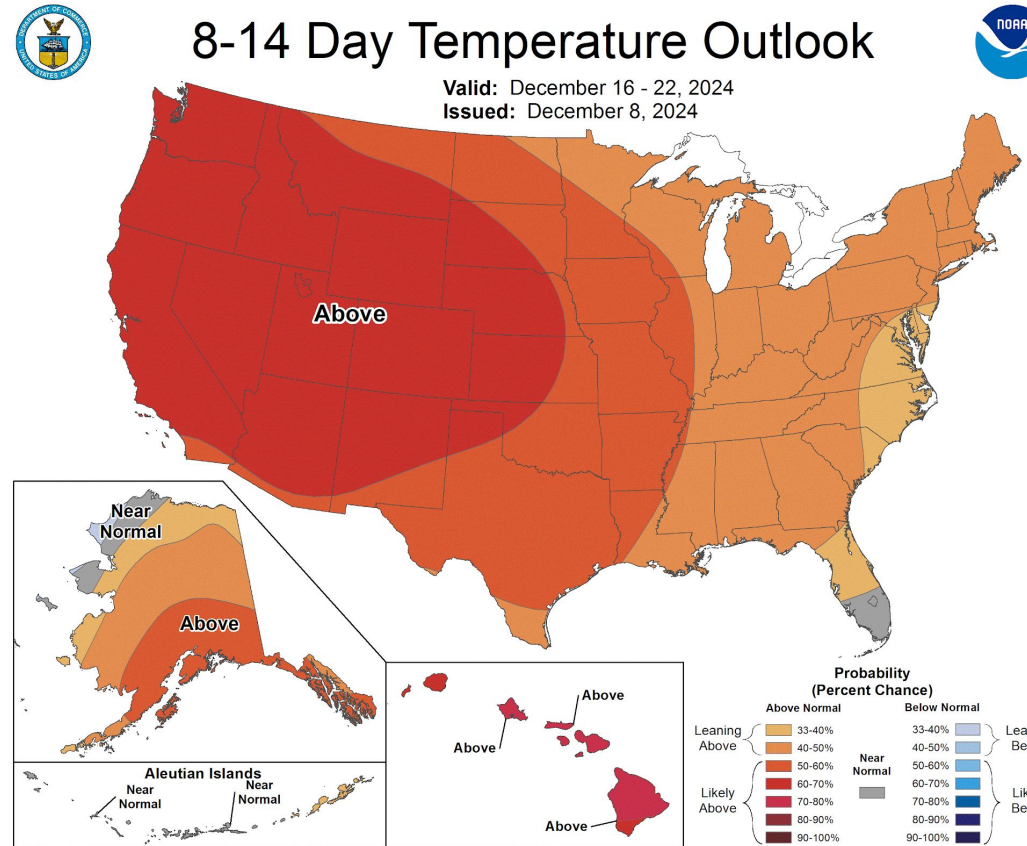


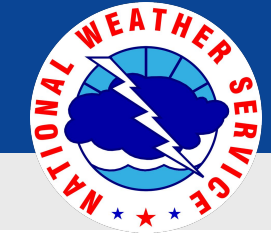


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- 8-14 day also highlights above normal temperatures and near normal precipitation.





Long-Range Outlooks

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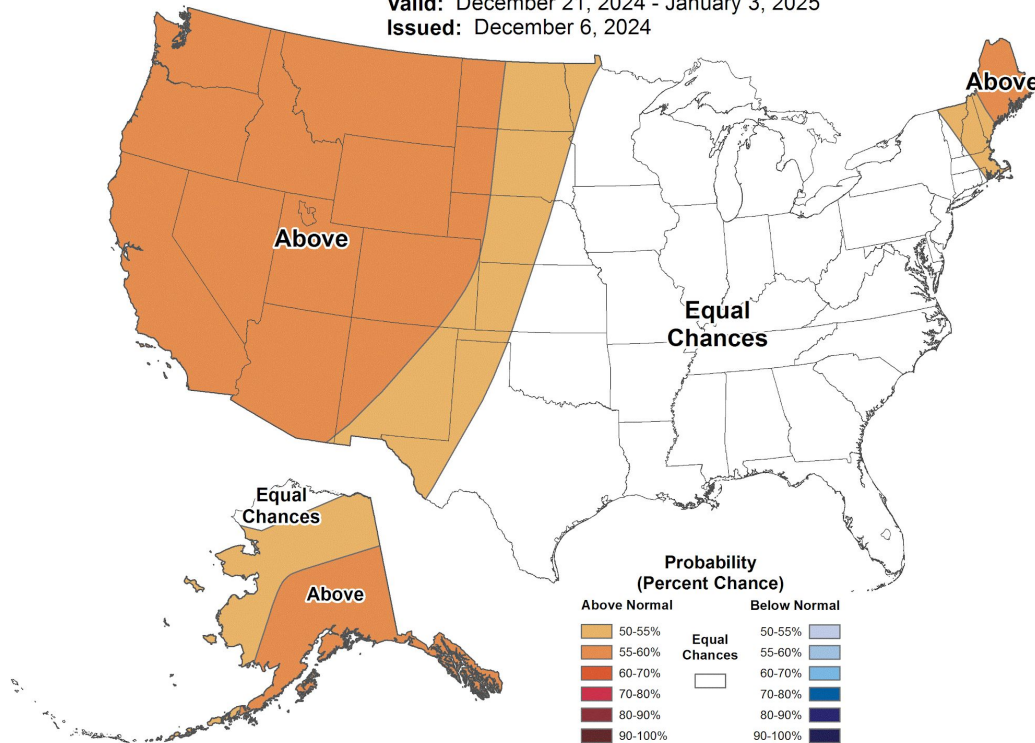
- The weeks 3-4 outlook suggests the potential for equal chances of above/below normal temperatures and precipitation.



Weeks 3-4 Temperature Outlook



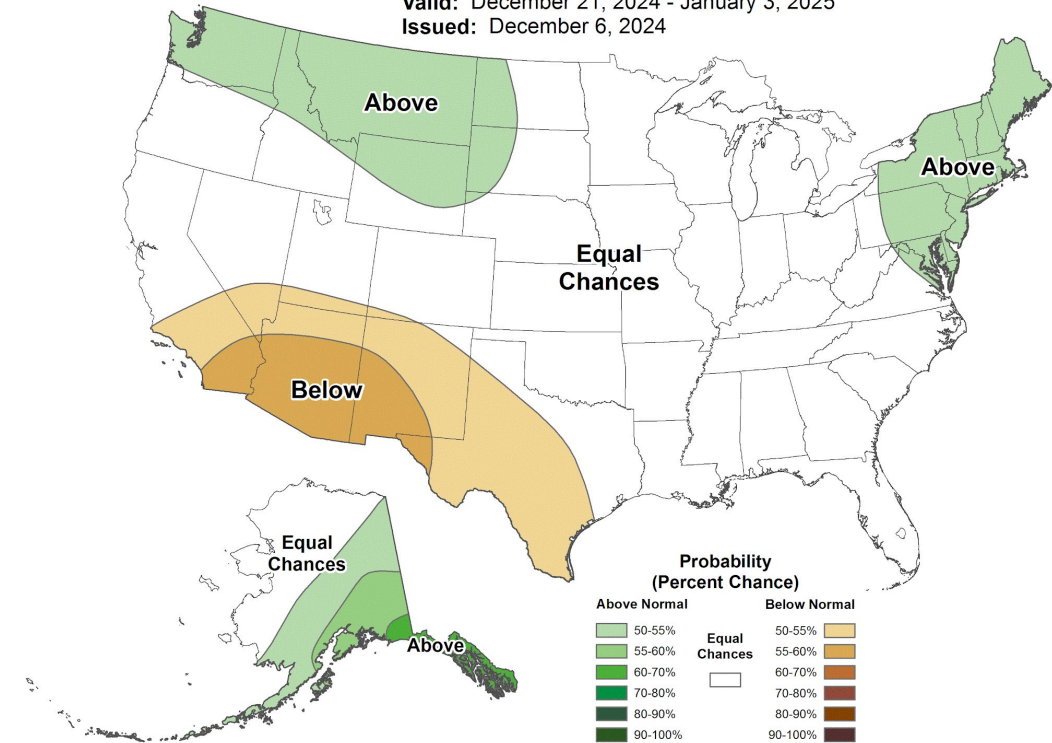
Valid: December 21, 2024 - January 3, 2025
Issued: December 6, 2024

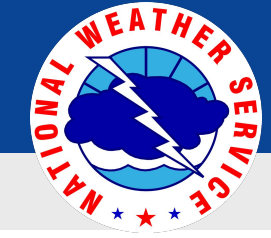


Weeks 3-4 Precipitation Outlook



Valid: December 21, 2024 - January 3, 2025
Issued: December 6, 2024



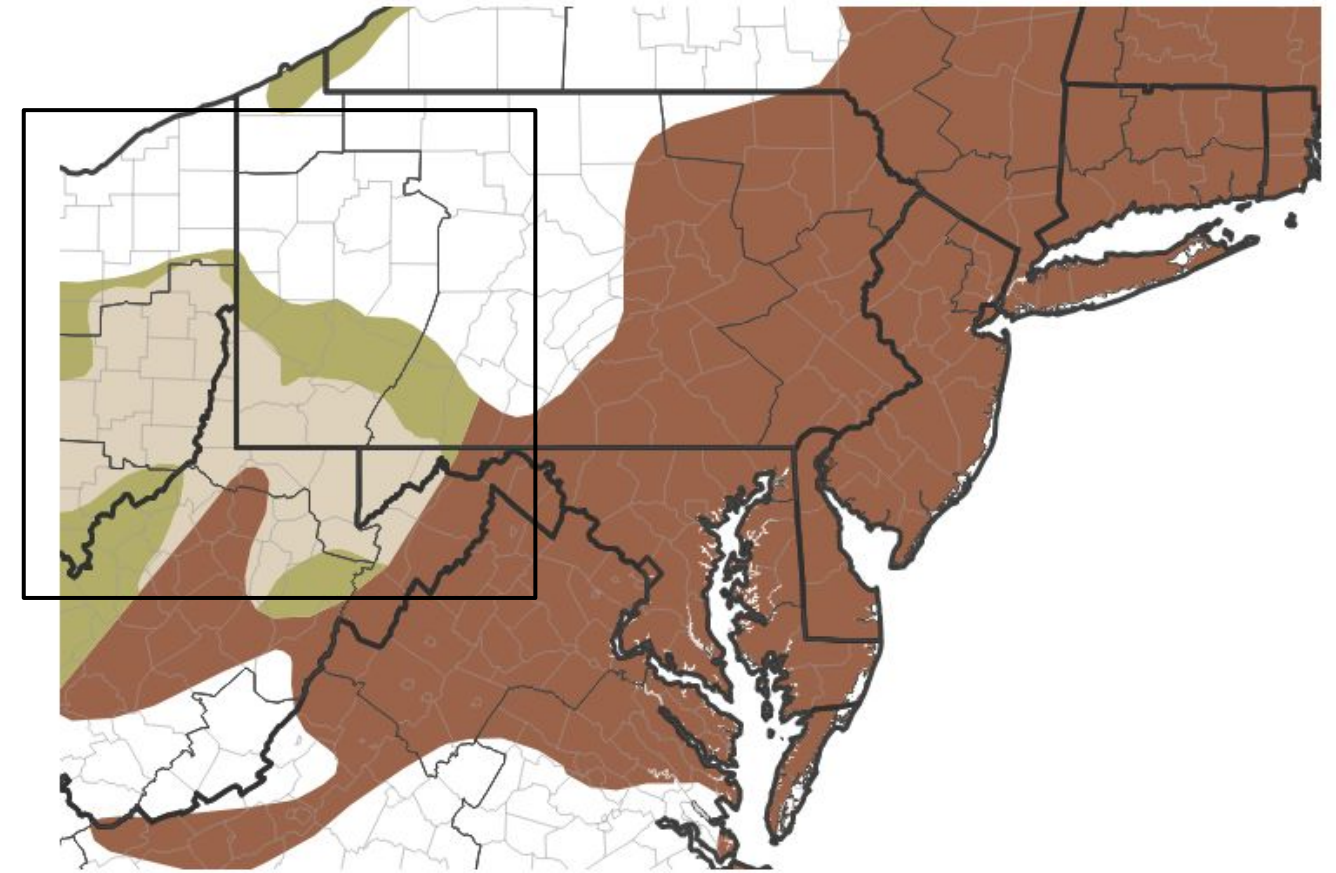


Drought Outlook

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

- The newest seasonal drought outlook continues the drought improvement through the next 3 months.
- However, it will take more than normal rainfall for much of Ohio and West Virginia to recover.

Seasonal (3-Month) Drought Outlook for November 30, 2024–February 28, 2025



Drought Is Predicted To...



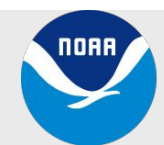
Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 11/30/24

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
Pittsburgh, PA