



Drought Information Statement for Wyoming, Genesee, and Livingston Counties

Valid December 28, 2023

Issued By: NWS Buffalo, NY

Contact Information: bufstorm.report@noaa.gov

- This product will be updated by January 12, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.





U.S. Drought Monitor

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

U.S. Drought Monitor Buffalo, NY WFO

December 26, 2023
(Released Thursday, Dec. 28, 2023)
Valid 7 a.m. EST

- Drought intensity and Extent
 - D2 (Severe Drought): Eastern Wyoming County, eastern Genesee County, and western Livingston County, NY
 - D1 (Moderate Drought): Most of Orleans, Monroe, eastern Livingston and western Wyoming and Genesee Counties
 - D0: (Abnormally Dry): the Upper Genesee River basin and the western Finger Lakes region
 - **Note: This map is as of Dec 26th and therefore doesn't account for rainfall from today or yesterday**

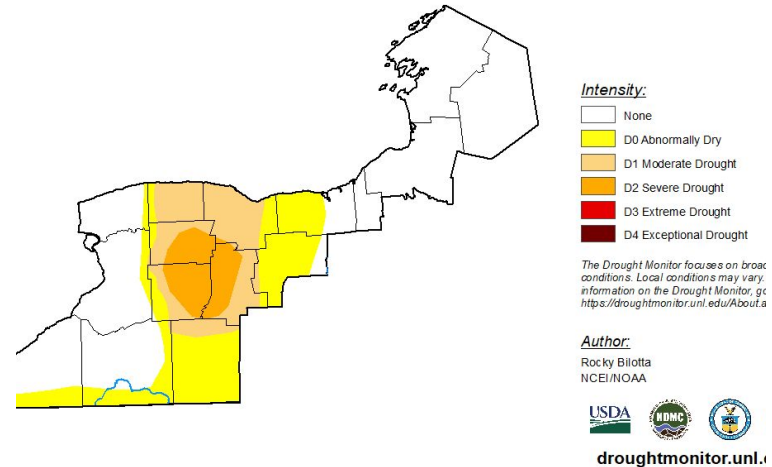


Image Caption: U.S. Drought Monitor valid 7am EST December 26th, 2023.





Recent Change in Drought Intensity

Link to the latest [2-week change map](#)

- Two Week Drought Monitor Class Change.
 - Drought Improved:
 - for parts of Jefferson, Wayne, Oswego, Erie, Ontario, Cayuga, and Niagara counties
 - Drought Worsened:
 - for parts of Genesee and Livingston counties
 - Little to no Change: across the remainder of the NWS Buffalo forecast area

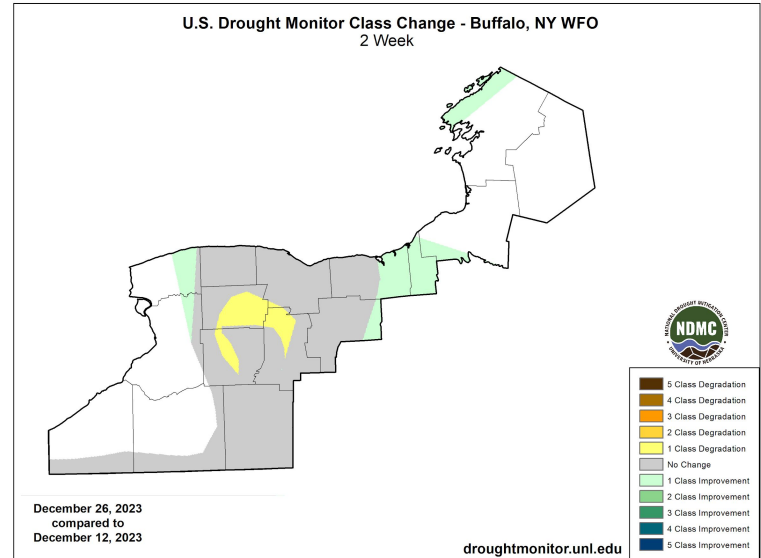


Image Caption: U.S. Drought Monitor 2-week change map valid 7am EST December 26th, 2023.

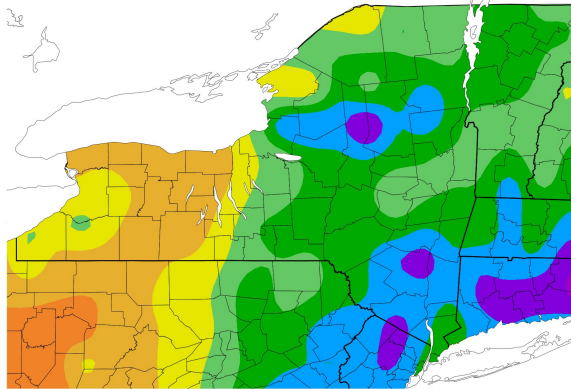




Precipitation

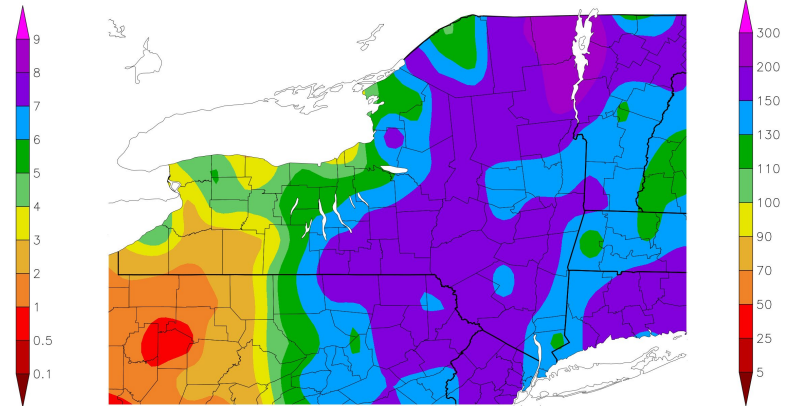
- Soaking rain on Dec 19th helped improve the 30 day precipitation deficits east of Rochester
- However, 30 day totals have been near normal at the previously driest locations, offering only limited drought relief

Precipitation (in)
11/28/2023 - 12/27/2023



Generated 12/28/2023 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
11/28/2023 - 12/27/2023



NOAA Regional Climate Center Generated 12/28/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

Image Captions:
 Left - 30 day Precipitation percent of normal
 Right - 30 day precipitation totals for the NE US
 Data Courtesy Northeast Regional Climate Center.





Summary of Impacts

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

Hydrologic Impacts

- Below normal flows on creeks, streams, and smaller rivers in Wyoming, Genesee, and Livingston counties. Below normal well levels.

Agricultural Impacts

- There are no known impacts at this time

Fire Hazard Impacts

- There are no known impacts at this time

Other Impacts

- Some private wells have dried up in the most severe drought areas

Mitigation Actions

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





Hydrologic Conditions and Impacts

- Below normal 7 day average streamflows observed by the USGS across northwestern New York and some Genesee River tributaries

https://waterwatch.usgs.gov/index.php?r=ny&id=ww_drought

Wednesday, December 27, 2023

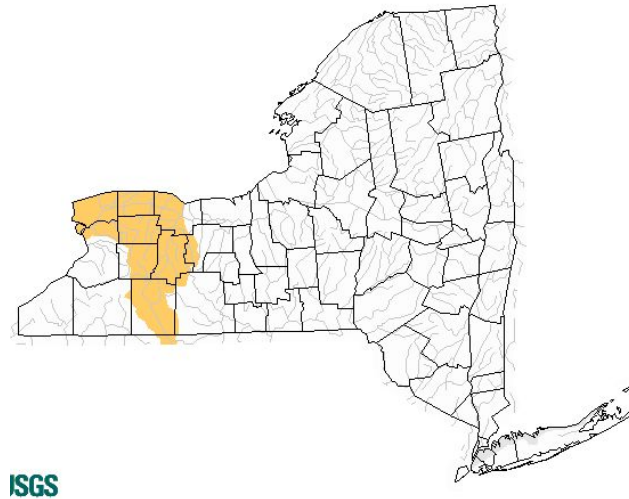


Image Caption: USGS 7 day average streamflow HUC map valid 12/27/2023





Seven Day Precipitation Forecast

- Rainfall from yesterday and today may provide some drought relief, which will be accounted for in next week's Drought Monitor
- Moist weather pattern with frequent, but generally light rain or snow showers through this weekend. Overall only modest precipitation amounts totaling a quarter to half inch tonight through Sunday
- Mainly dry Monday through Wednesday with negligible precipitation amounts
- Chance for light precipitation amounts from rain or snow showers Thursday

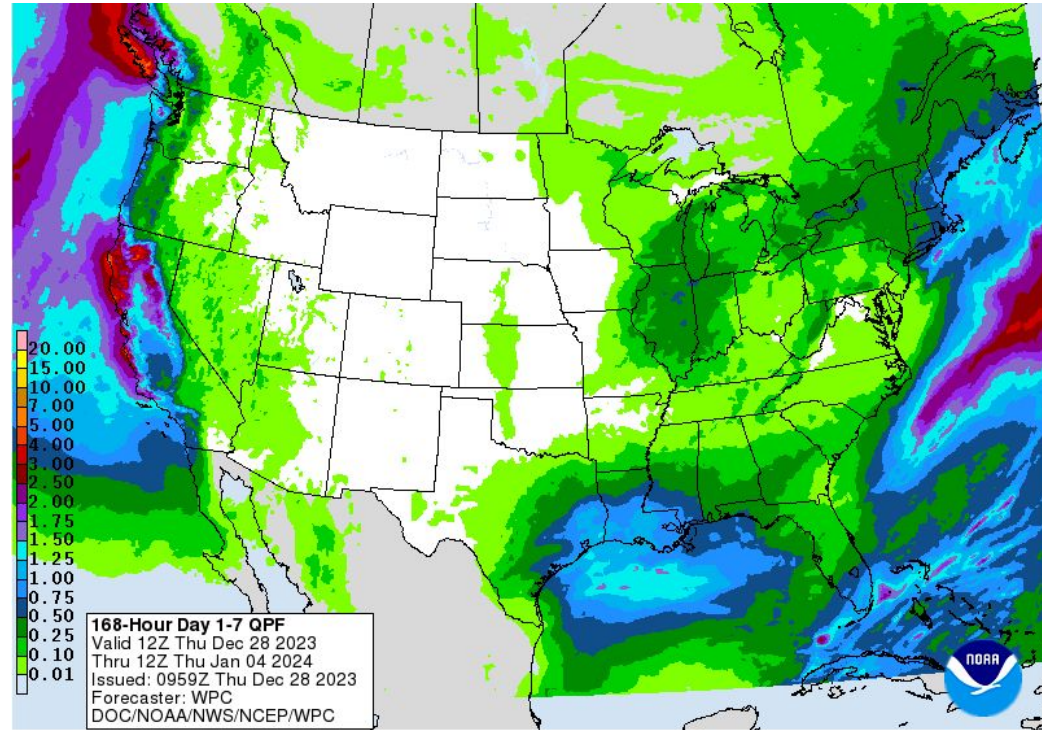


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday December 28 through Thursday January 4





Drought Outlook

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

- The 8 to 14 day precipitation outlook favors above normal precipitation Jan 5 - 11. This combined with precipitation through this weekend may provide limited improvement
- Longer range outlooks do not show any strong indication of any improvement

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

Valid for December 21, 2023 - March 31, 2024
Released December 21, 2023

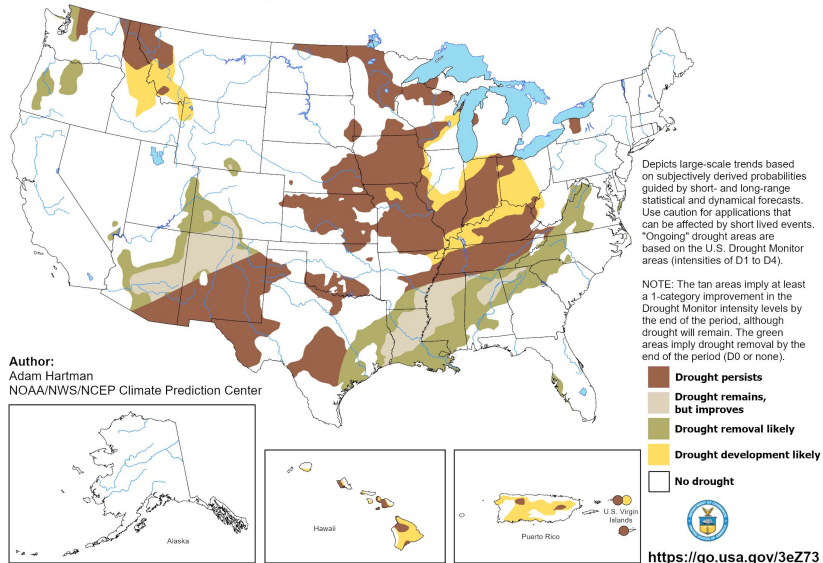


Image Caption:

Climate Prediction Center Monthly Drought Outlook Released December 21, 2023 valid through March 2024

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
Buffalo, N.Y.