



Drought Information Statement for Wyoming and Livingston Counties

Valid November 30, 2023

Issued By: NWS Buffalo, NY

Contact Information: bufstorm.report@noaa.gov

- This product will be updated by Dec 15, 2023 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](#)

- Drought intensity and Extent
 - D2 (Severe Drought): Eastern Wyoming County and western Livingston County
 - D1 (Moderate Drought): Genesee, Orleans, Monroe, and portions of Livingston, Wyoming, and Allegany Counties
 - D0: (Abnormally Dry): The rest of Western NY and northern Jefferson County

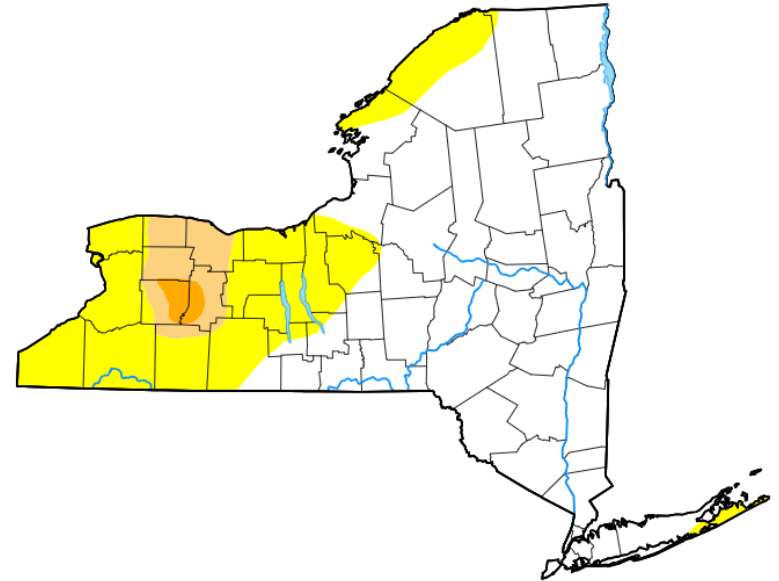


Image Caption: U.S. Drought Monitor valid 8am EDT November 30th 2023.





Recent Change in Drought Intensity

Link to the latest [4-week change map](#)

- One Week Drought Monitor Class Change
- - Drought Worsened: Northern Jefferson County
 - No Change: Across the remainder of Western and North Central NY

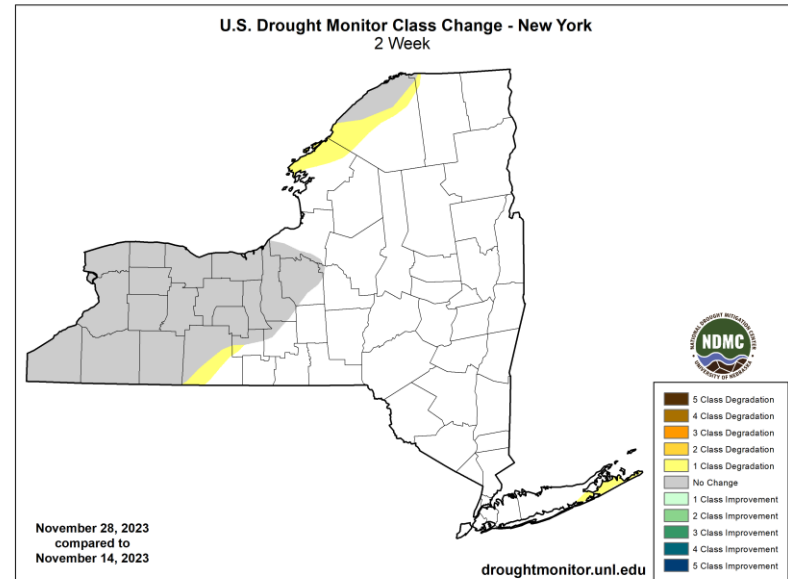


Image Caption: U.S. Drought Monitor 2-week change map valid Nov 30, 2023.

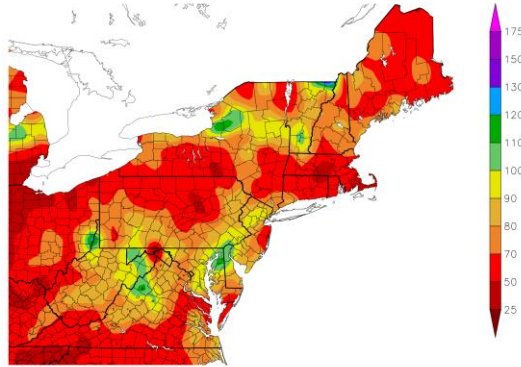




Precipitation

- Driest conditions during the past 30 days were across most of Western NY and northern Jefferson County. The wettest areas were east of Lake Ontario
- November is typically a wet time of year due to lake effect precipitation.

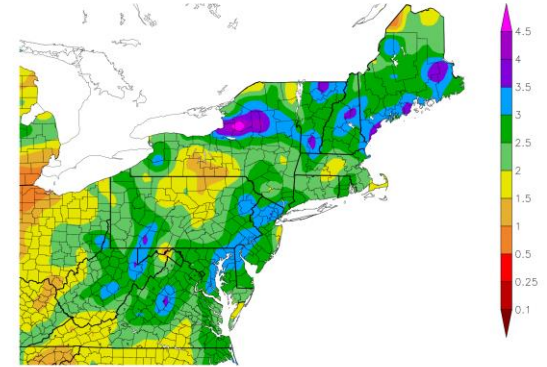
Percent of Normal Precipitation (%)
10/31/2023 - 11/29/2023



Generated 11/30/2023 at HPRCC using provisional data.

NOAA Regional Climate Centers

Precipitation (in)
10/31/2023 - 11/29/2023



Generated 11/30/2023 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

- Numerous wells have dried up in Wyoming County, with approximately 100 of 665 households in the town of Bethany reporting that they have no well water. Sporadic dried up wells elsewhere in the D2 areas in Wyoming and Livingston counties.

Agricultural Impacts

- There are no known impacts at this time

Fire Hazard Impacts

- There are no known impacts at this time

Other Impacts

- There are no known impacts at this time

Mitigation Actions

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





Hydrologic Conditions and Impacts

Explanation - Percentile classes			
Low	≤ 5	6-9	10-24
Extreme hydrologic drought	Severe hydrologic drought	Moderate hydrologic drought	Below normal

Hednesday, November 29, 2023

- Well below normal 7-day USGS streamflow across the Genesee River and Buffalo Creeks Basins

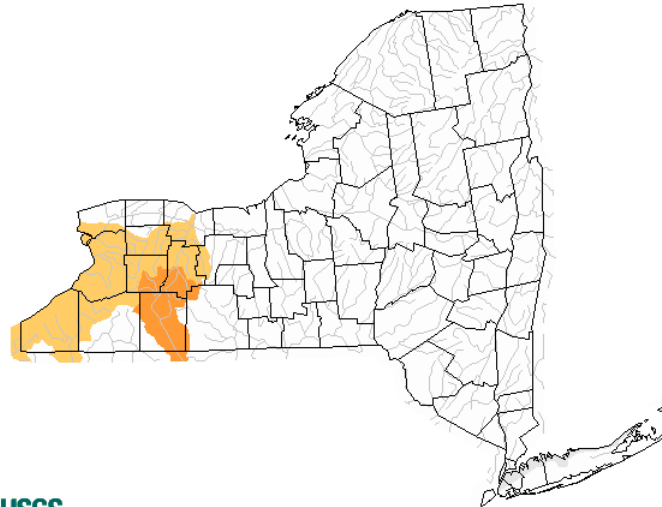


Image Caption: USGS 7 day average streamflow HUC map valid 11/30/2023





Seven Day Precipitation Forecast

- A series of low pressure systems will move across the area Friday through Monday, bringing multiple chances for widespread synoptic precipitation. The predominant precipitation type during this time will be rain, with frozen precipitation possible at times. Rainfall amounts will average around an inch.
- Colder weather for Tuesday through Thursday. A chance for some generally light snow showers, but otherwise mainly dry weather and below normal precipitation expected during this time.

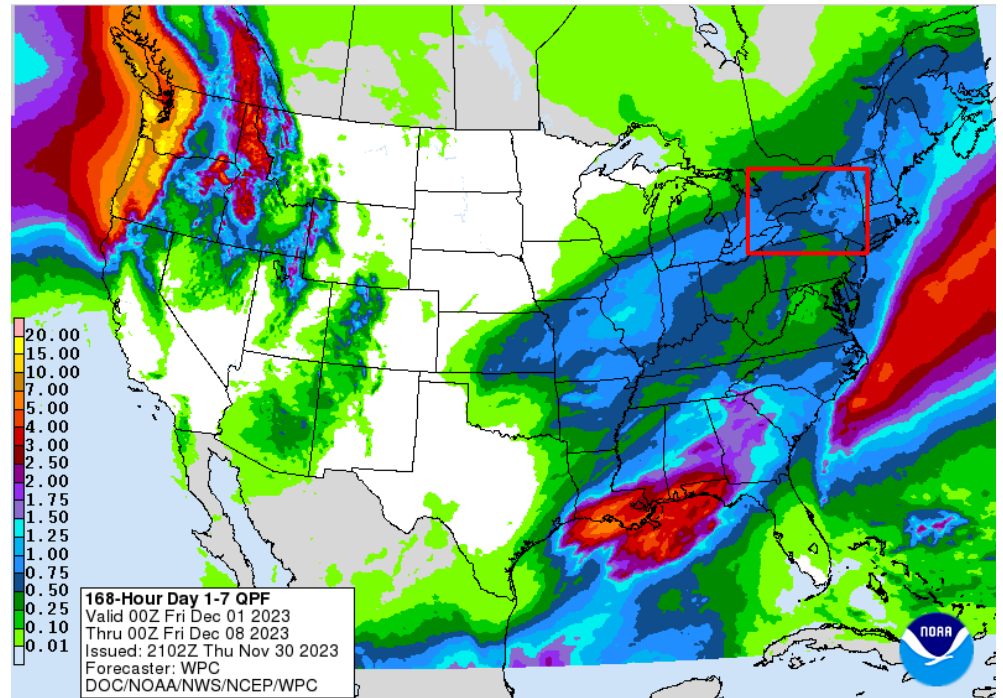


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Friday December 1st to Thursday December 7th





Drought Outlook

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

- Long range outlook favors persistence where drought conditions would continue where they are already occurring.
- There are lower chances that it will either be wetter or drier than normal, which could lead to improvement or degregation in the drought conditions.

U.S. Seasonal Drought Outlook valid for November 16, 2023 - February 29, 2024 Drought Tendency During the Valid Period Released November 16, 2023

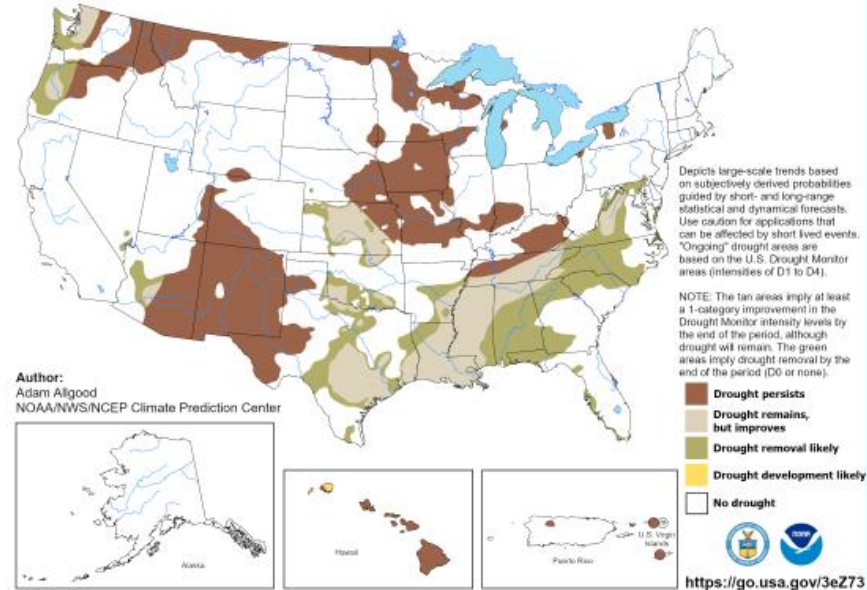


Image Caption:
Climate Prediction Center Monthly Drought Outlook Released
November 16, 2023 valid through February 29 2024

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)