

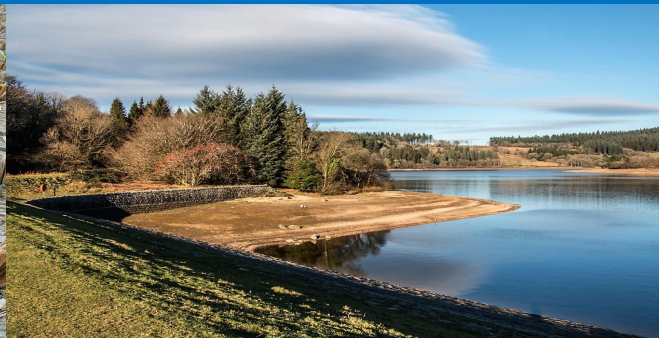
# Drought Information Statement for Wyoming and Livingston Counties

Valid November 16, 2023

Issued By: NWS Buffalo, NY

Contact Information: [bufstorm.report@noaa.gov](mailto:bufstorm.report@noaa.gov)

- This product will be updated by December 1, 2023 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.



National Oceanic and Atmospheric Administration

U.S. Department of Commerce



# 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, NY
  - D1 (Moderate Drought): Most of Genesee, Orleans, Monroe, eastern Livingston and western Wyoming Counties
  - D0: (Abnormally Dry): Most of the NWS Buffalo forecast area south of Lake Ontario

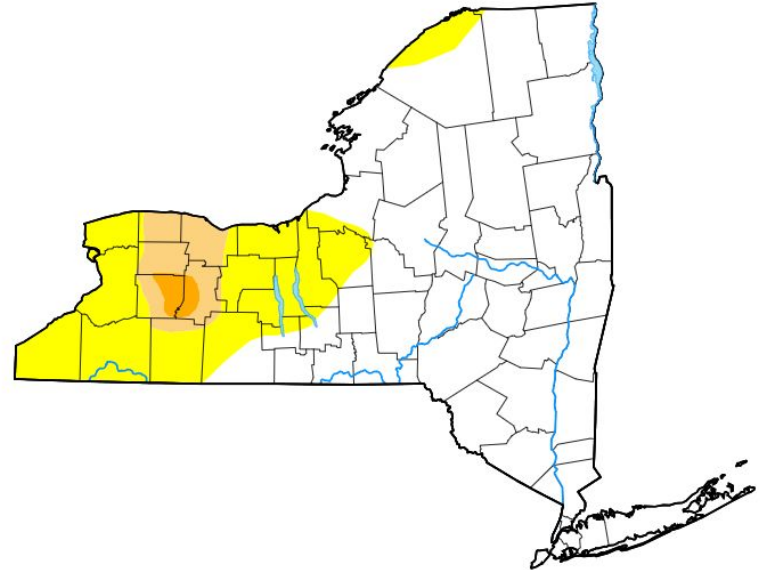


Image Caption: U.S. Drought Monitor valid 7am EST November 14th, 2023.





# Recent Change in Drought Intensity

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

- Two Week Drought Monitor Class Change.
  - Drought Worsened:
    - for parts of southwest New York, including portions of Cattaraugus, Chautauqua and southeast Allegany counties
    - for portions of the lower Genesee Valley and the northeastern portion of the Niagara Frontier
    - for small portions of Erie, Wyoming, Livingston, Ontario and Oswego counties
  - No Change: Across the remainder of the NWS Buffalo forecast area south of Lake Ontario

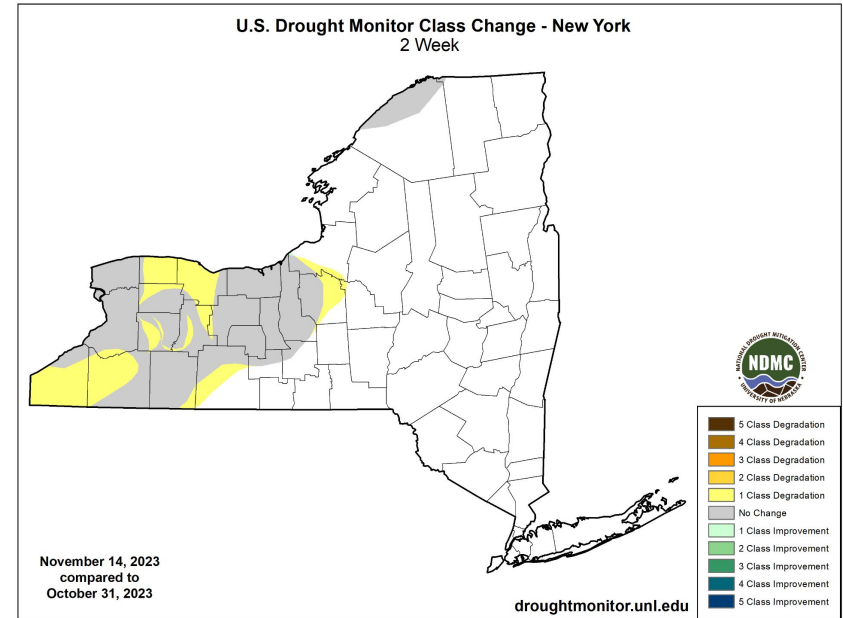


Image Caption: U.S. Drought Monitor 2-week change map valid 7am EST November 14th, 2023.

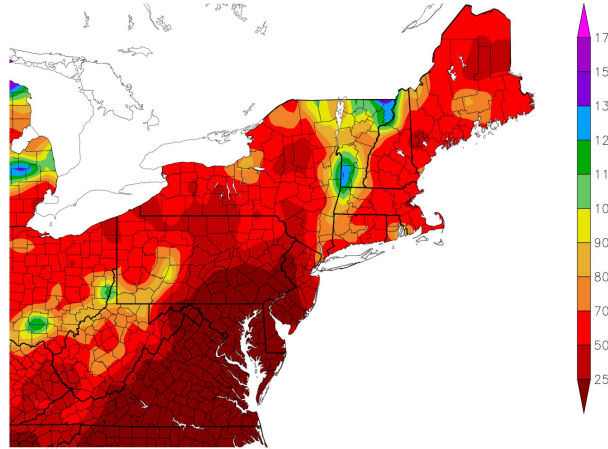




# Precipitation

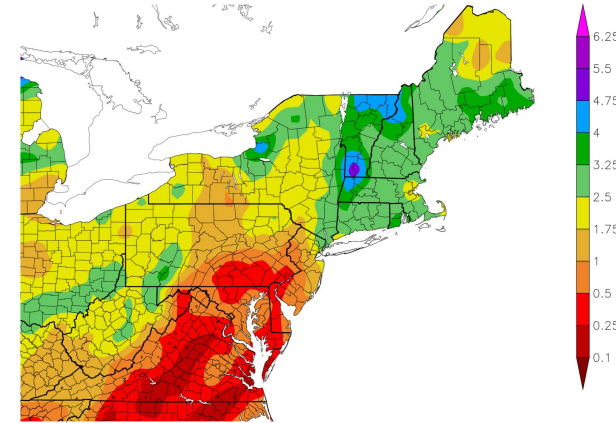
- Dry conditions persist with most areas south of Lake Ontario receiving only about 50 to 75 percent of normal precipitation over the last 30 days.

Percent of Normal Precipitation (%)  
10/17/2023 – 11/15/2023



Generated 11/16/2023 at HPRCC using provisional data. NOAA Regional Climate Centers

Precipitation (in)  
10/17/2023 – 11/15/2023



Generated 11/16/2023 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 some rivers and creeks in the drought area. 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

- 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

- 'Below normal' to 'Moderate hydrologic drought' 7 day average streamflows observed by the USGS across much of western NY.

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

Wednesday, November 15, 2023

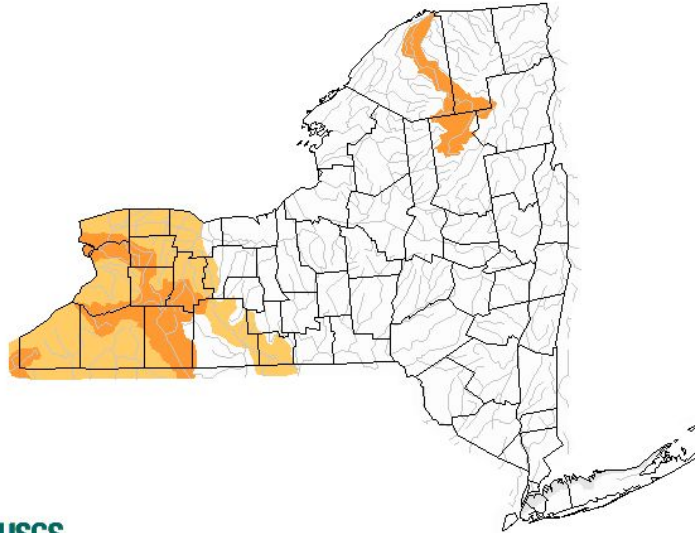


Image Caption: USGS 7 day average streamflow HUC map valid 11/15/2023





# Seven Day Precipitation Forecast

- A couple of systems/fronts moving through the region over the next week will bring two widespread events to the entire Western & North Central NY area, resulting in at least an inch of liquid equivalent precipitation, with locally higher amounts in areas of lake effect rain/snow
- A cold front moving through the region on Friday will bring a widespread rainfall for all of western and north central NY
- Another system moving through the region on Tuesday into Wednesday will start out as rain and potentially end as lake effect snow downwind of both Lake Erie & Ontario later in the week

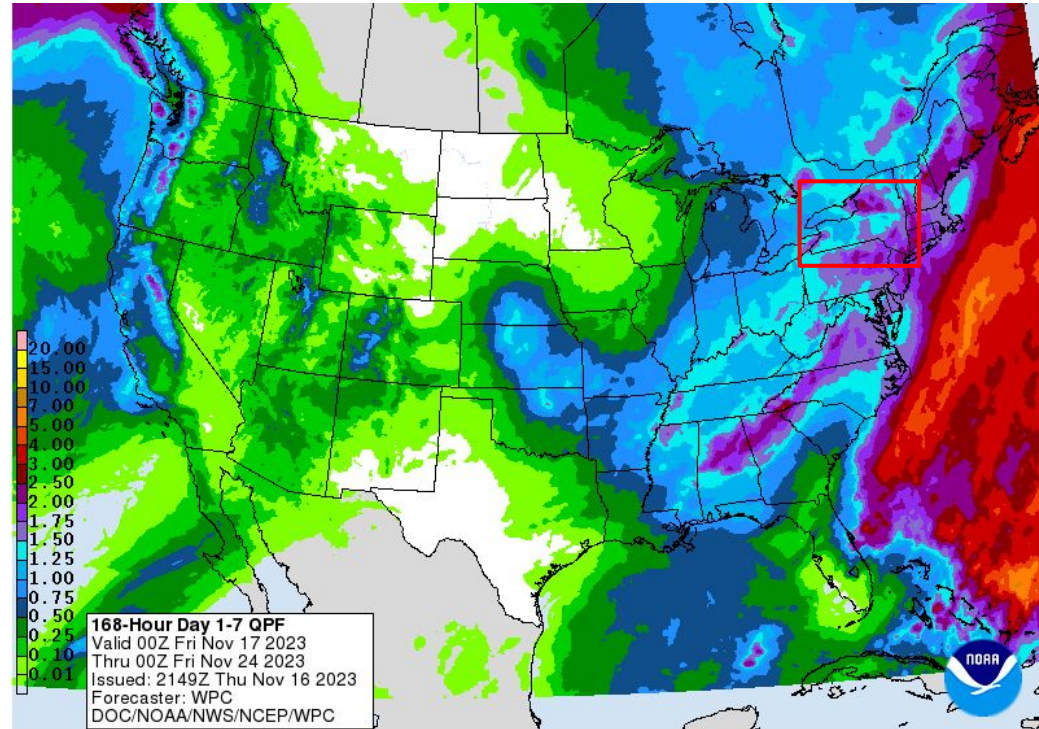


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday November 16 through Thursday November 23





# Drought Outlook

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

- Drought conditions that slowly worsened the last two weeks will experience some short term relief Friday into next week. Rainfall amounts of an inch or more are expected for the “D2 (Severe Drought)” area over the next seven days.
- Beyond 7 days precipitation amounts are expected to remain near normal to below normal, providing minimal to no drought relief beyond the 7 day period

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

Valid for November 2023  
Released October 31, 2023

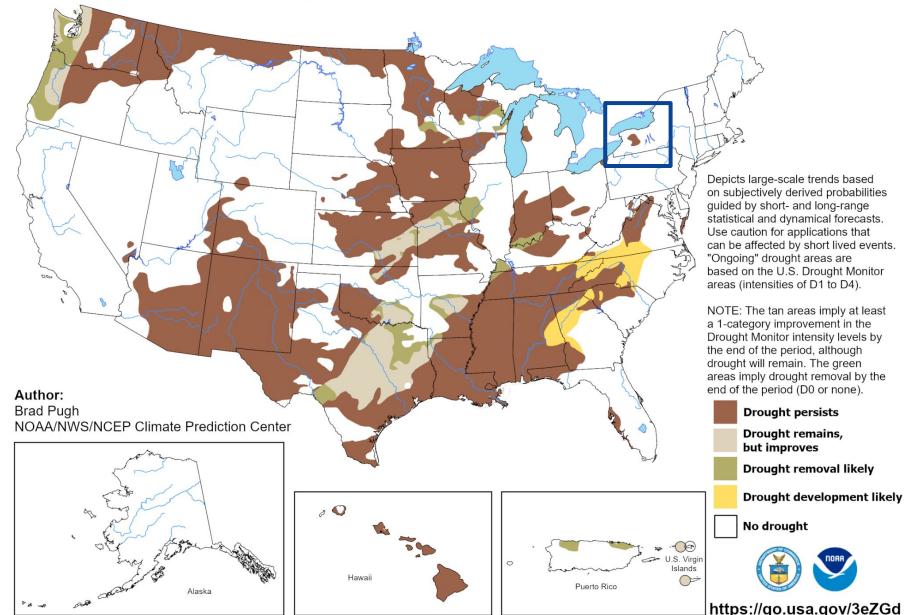


Image Caption:  
Climate Prediction Center Monthly Drought Outlook Released  
October 31, 2023 valid for November 2023

Links to the latest:

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

