

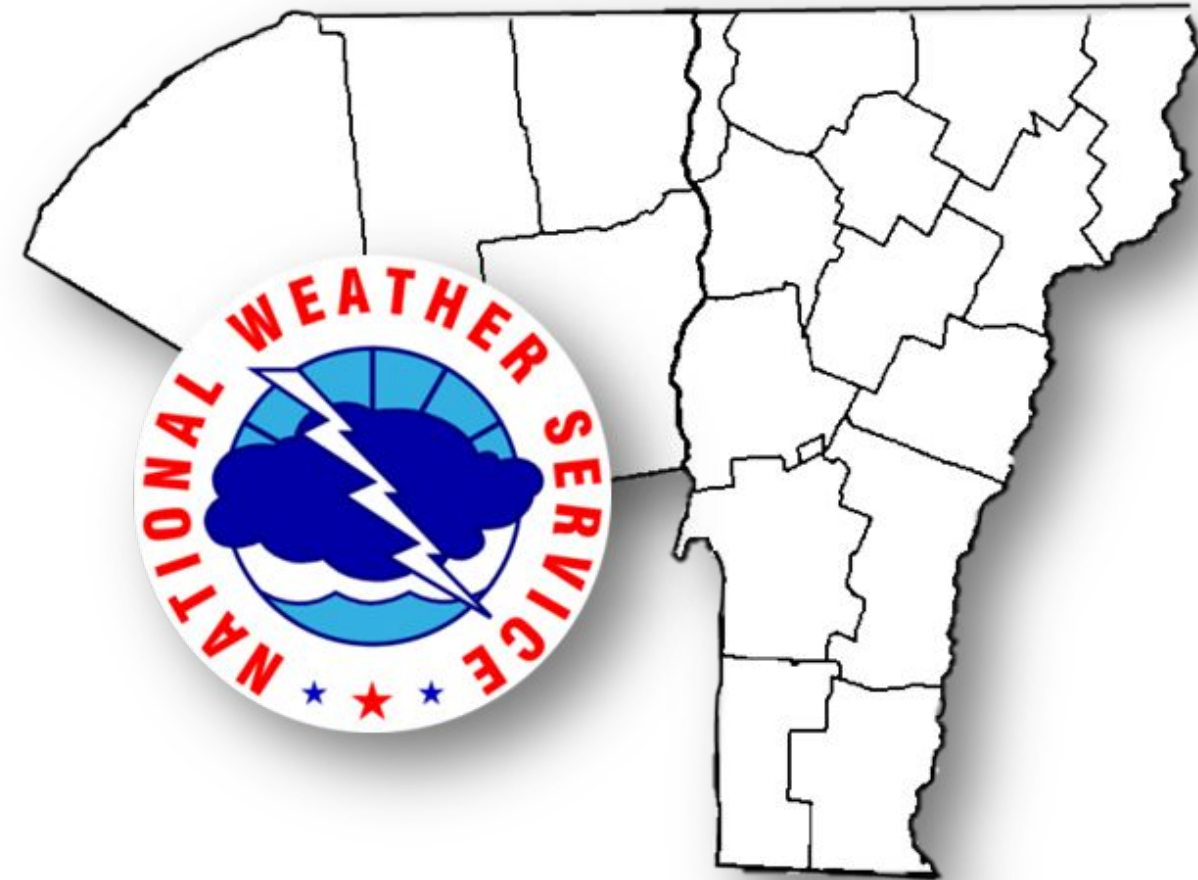


# NWS Burlington: Winter/Spring Flood Outlook #6

March 20, 2025  
1:20 PM

For northern New York and all of Vermont

**Valid: March 20 to April 3, 2025**





# Overview

March 20, 2025  
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**OVERVIEW/TAKEAWAYS:**

- The open water flood potential is near normal for the entire area for the next two weeks. The threat of ice jams has largely passed for the season.
- With our most recent storm on March 16/17, the majority of the snowpack melted out below 1,500 feet with only patchy, minimal amounts in the broad valleys.
- On average, slightly below normal temperatures are expected over the next two weeks, while slightly above normal precipitation is also expected. This should fall largely as intermittent periods of light rain or snow.
- Ice coverage is now largely non-existent on area rivers.
- While there are no heavy rain events forecast at this time, predictability is lower beyond the one week time frame. This fact, in combination with current higher than normal streamflows across the region warrants a Normal Flood Risk for the outlook period.

**HAZARDS & IMPACTS**

- There are no hydrological hazards or impacts currently in effect, or forecast to occur across the area.

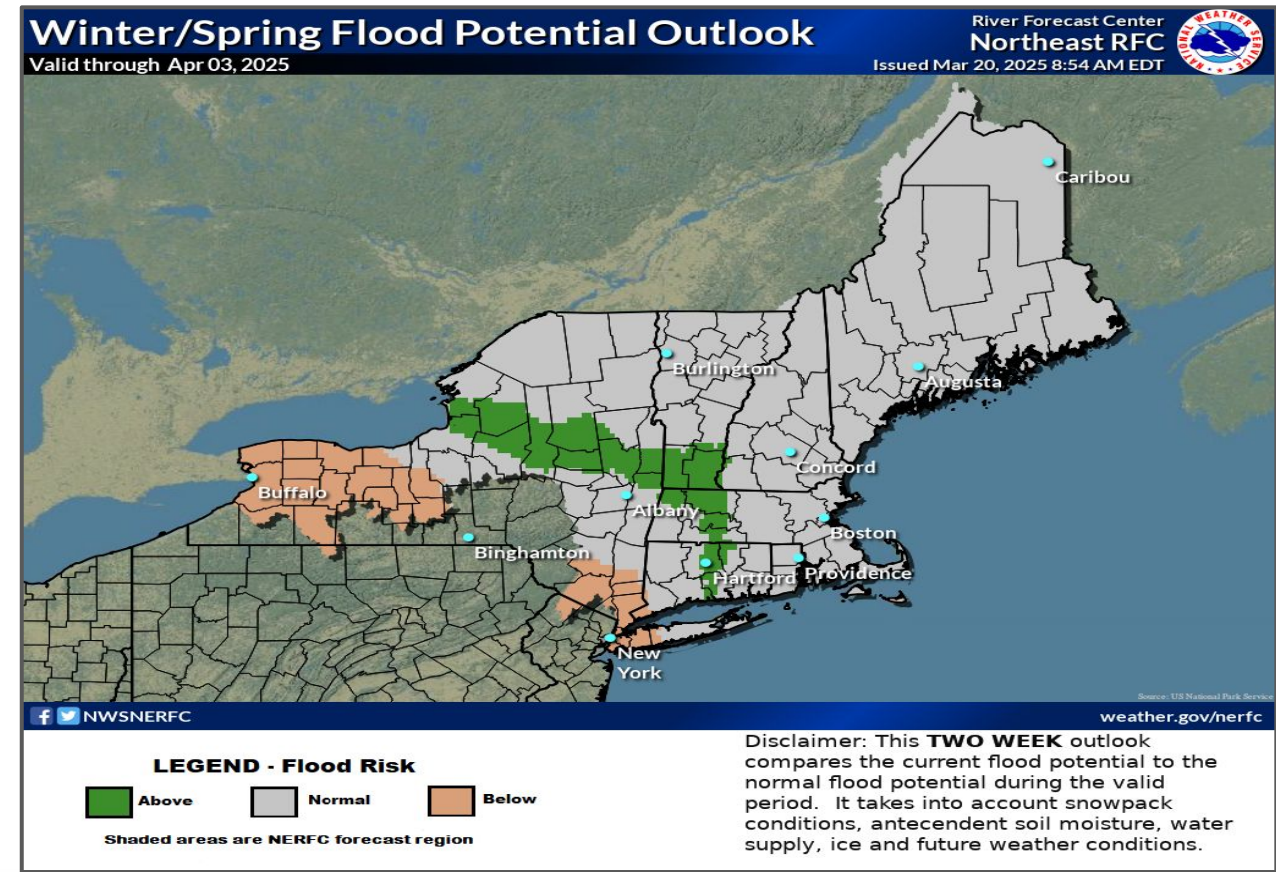
**OUTLOOK CHALLENGES**

- A relatively quiet, early-spring weather pattern is expected through the outlook period. While there will be intermittent periods of light rain and snow, no large-scale heavy rainfall events are anticipated at this time.

**ADDITIONAL INFORMATION**

- **Recent precipitation:** Near to above normal
- **Snow cover:** Near to above normal
- **Snow water equivalent:** Near to above normal
- **River levels:** Above normal
- **Soil moisture:** Mainly above normal
- **Groundwater:** Variable
- **Temperature outlook:** Slightly below normal for the outlook period as a whole
- **Precipitation outlook:** Slightly above normal for the outlook period as a whole

FLOOD POTENTIAL	REGIONS
Above	Bennington/Windham Counties in VT
Normal	Remainder of Vermont & northern NY
Below	None
Next Briefing	April 3, 2025





# Snowpack Data for March 19, 2025

March 20, 2025  
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Snowpack has largely melted below 1,500 feet

## Snow Depths

Champlain, Lower CT, and St Lawrence Valleys:  $\leq 2$  in.

Mid-terrain (1000-2500 ft): 2 to 18 inches (Variable)

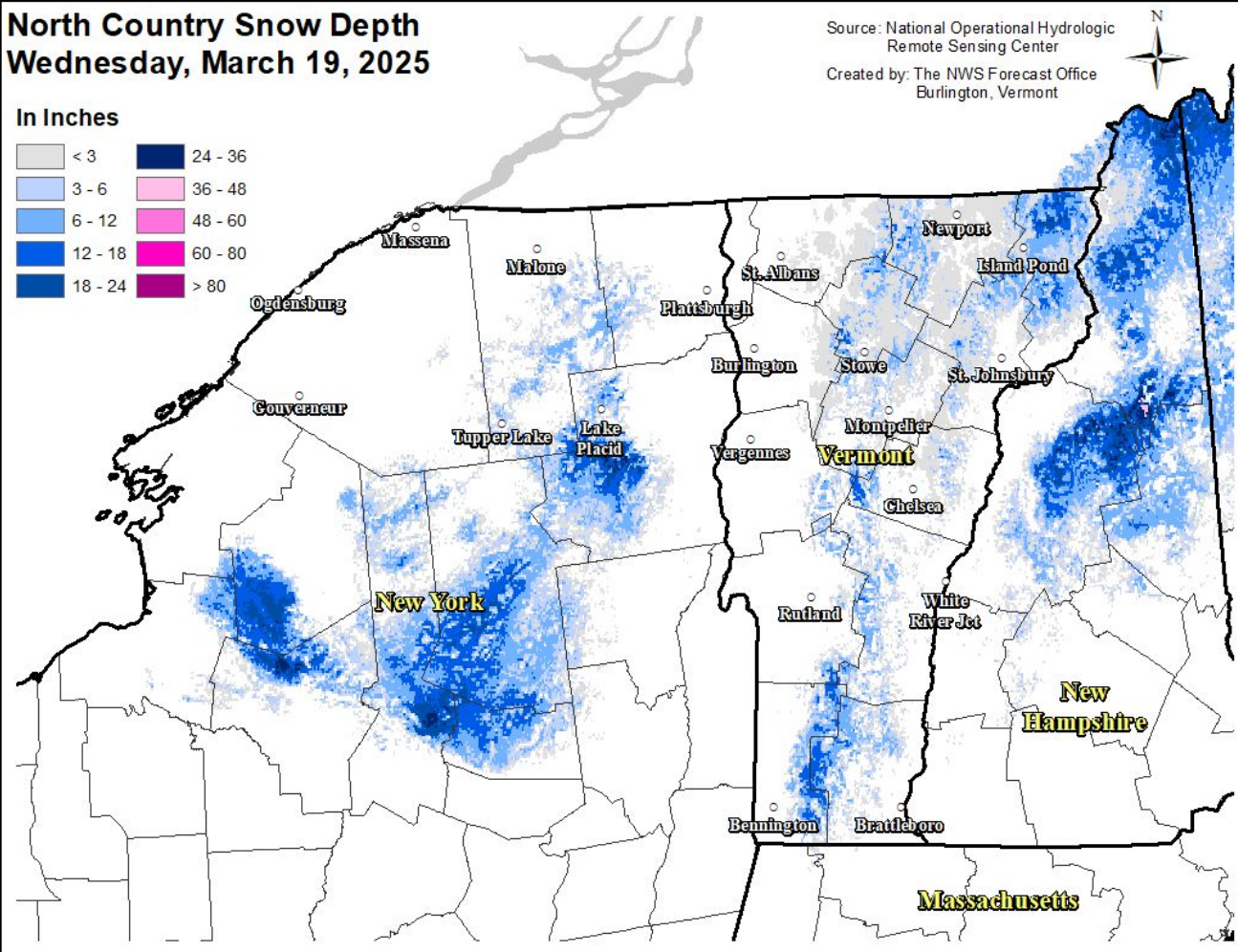
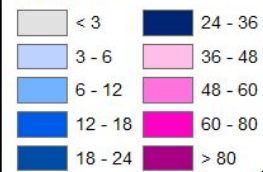
Higher terrain and summits ( $>2500$  ft): 2 to 6+ ft.

**Normal (summits above normal)**

## North Country Snow Depth Wednesday, March 19, 2025

Source: National Operational Hydrologic Remote Sensing Center  
Created by: The NWS Forecast Office Burlington, Vermont

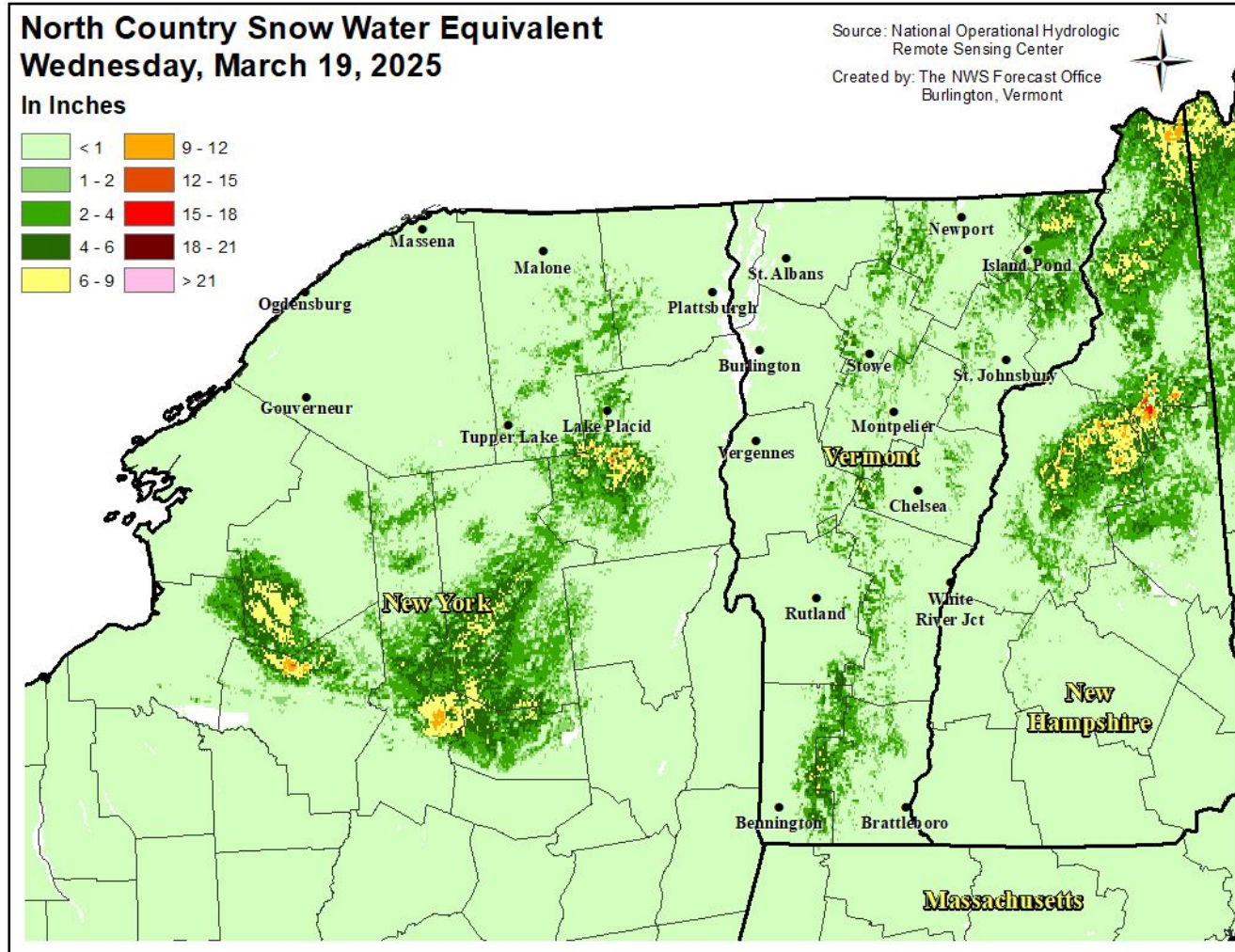
In Inches



## North Country Snow Water Equivalent Wednesday, March 19, 2025

Source: National Operational Hydrologic Remote Sensing Center  
Created by: The NWS Forecast Office Burlington, Vermont

In Inches



## Water Equivalents

Champlain, Lower CT, and St Lawrence Valleys: Negligible

Mid-terrain (1000-2500 ft):  $< 1$ " to around 3" (Variable)

Higher terrain and summits ( $>2500$  ft):  $\sim 3.0$  to 6.0+ in.

**Normal (summits above normal)**



# River Ice Coverage

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The majority of river ice melted out over the past week

- River ice largely melted and flushed out during the recent minor flooding/high water episode on March 16/17.
- Little to no appreciable ice cover remains on mainstem rivers at this point, so the threat of ice jams has largely ended for the season.



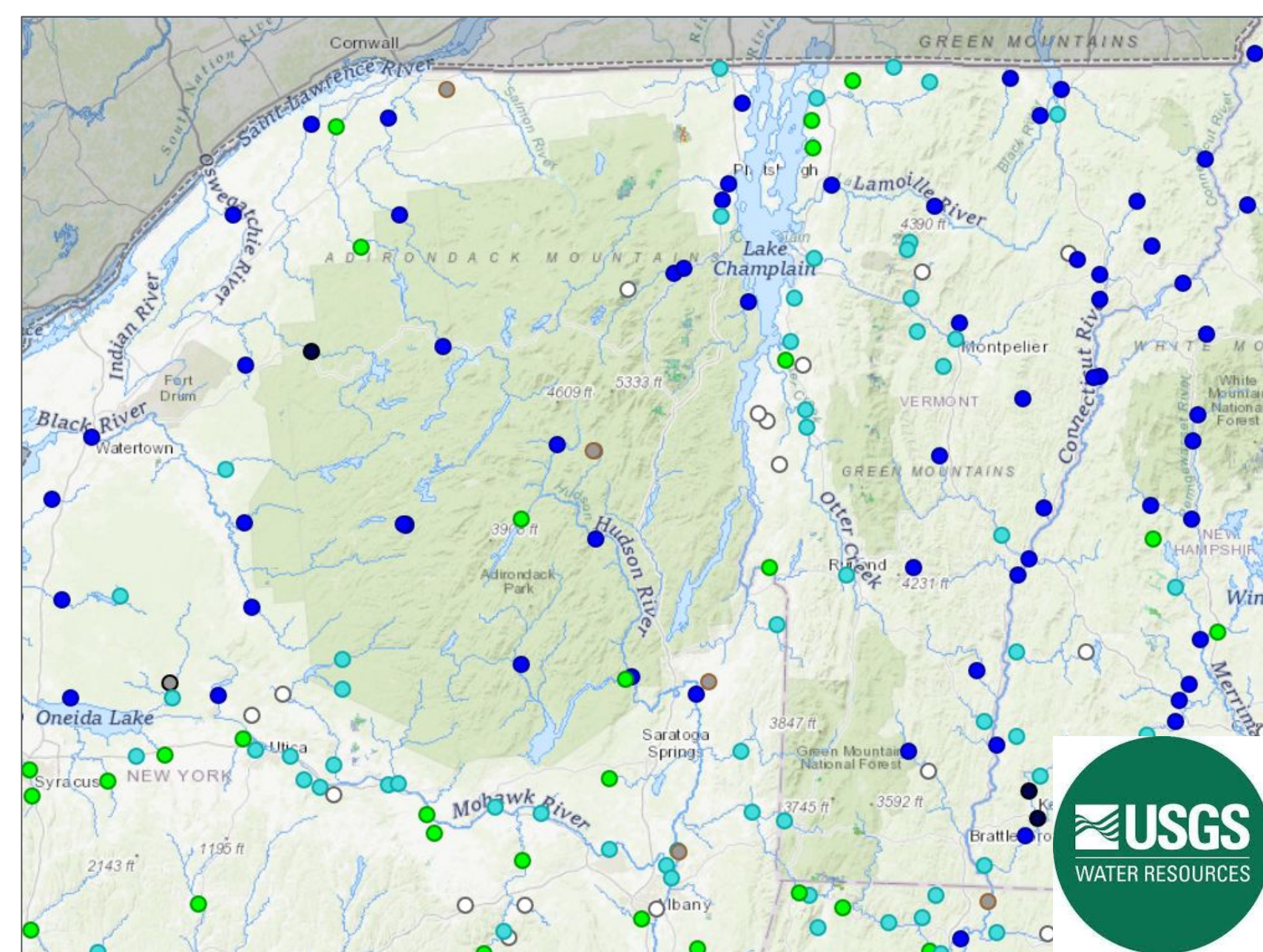
Ausable River at Au Sable Forks, NY (March 20, 2025)



# Current Streamflow across VT and NY

March 20, 2025  
1:20 PM

As of March 20, 2025



**Streamflow: Status**

- Above flood stage
- All-time high for this day (100<sup>th</sup> percentile (maximum) for)
- Much above normal (>90<sup>th</sup> percentile)
- Above normal (76<sup>th</sup> – 90<sup>th</sup> percentile)
- Normal (25<sup>th</sup> – 75<sup>th</sup> percentile)
- Below normal (10<sup>th</sup> – 24<sup>th</sup> percentile)
- Much below normal (<10<sup>th</sup> percentile)
- All-time low for this day (0<sup>th</sup> percentile (minimum))
- Not flowing
- Not ranked
- Measurement flag
- Recent measurement unavailable

**Comments:** Marker color indicates the current streamflow condition. Categories are based on the percentile of existing streamflow records on this day-of-the-year. A streamgauge is not ranked when there is less than 10 years of record or a current streamflow value is unavailable. Flood stages are maintained by the National Weather Service (NWS) and are not established for all USGS streamgages.

**Data Source:** [USGS Water Data for the Nation](#)

- Flows mainly above normal due to recent rainfall and snowmelt (courtesy [USGS Water Dashboard](#))

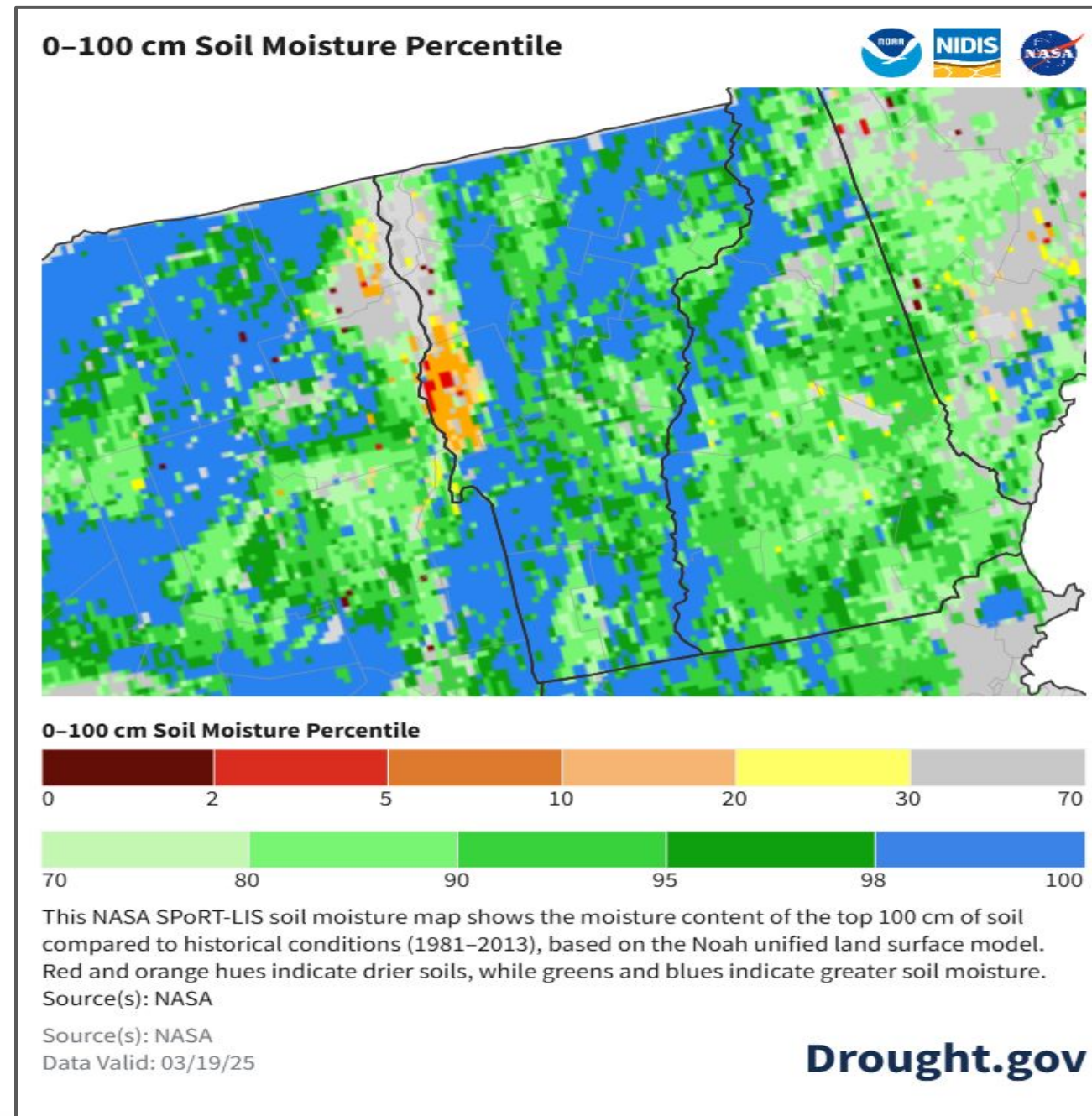


# Soil Moisture (0-100 cm)

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As of March 20, 2025

- Soil moisture mainly above normal due to recent snowmelt.
- These values will likely trend back toward normal in the next two weeks given only light precipitation forecast.

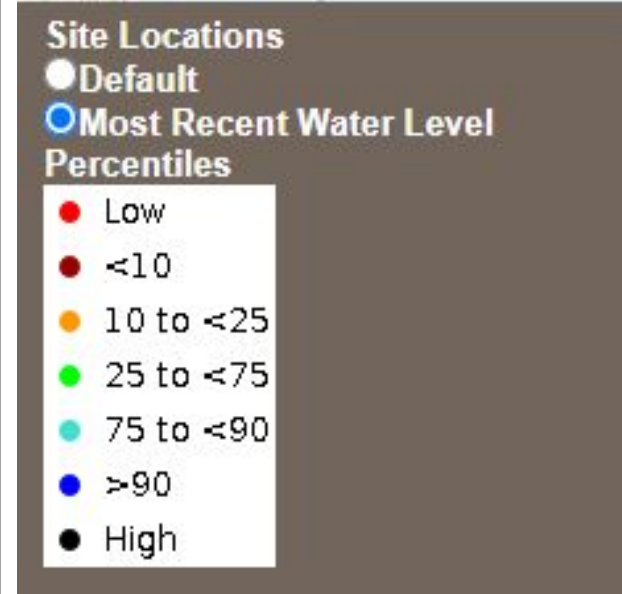
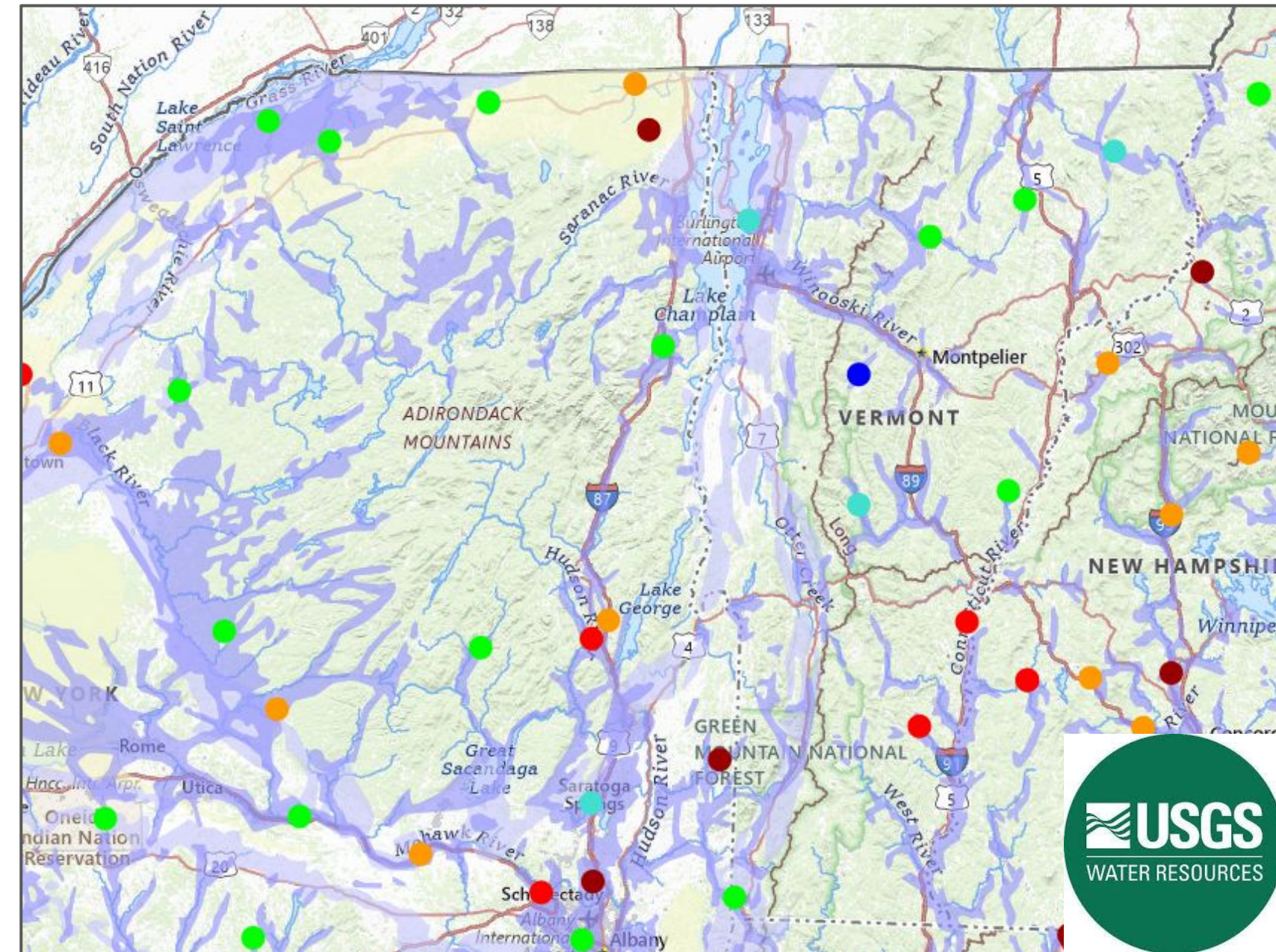




# Groundwater Conditions across VT and NY

March 20, 2025  
1:20 PM

As of March 20, 2025



- Currently a mix of above and below normal levels our area (courtesy [USGS via the National Ground-Water Monitoring Network](#))
- Data will become more important once we progress further into spring
- No concerns for now.

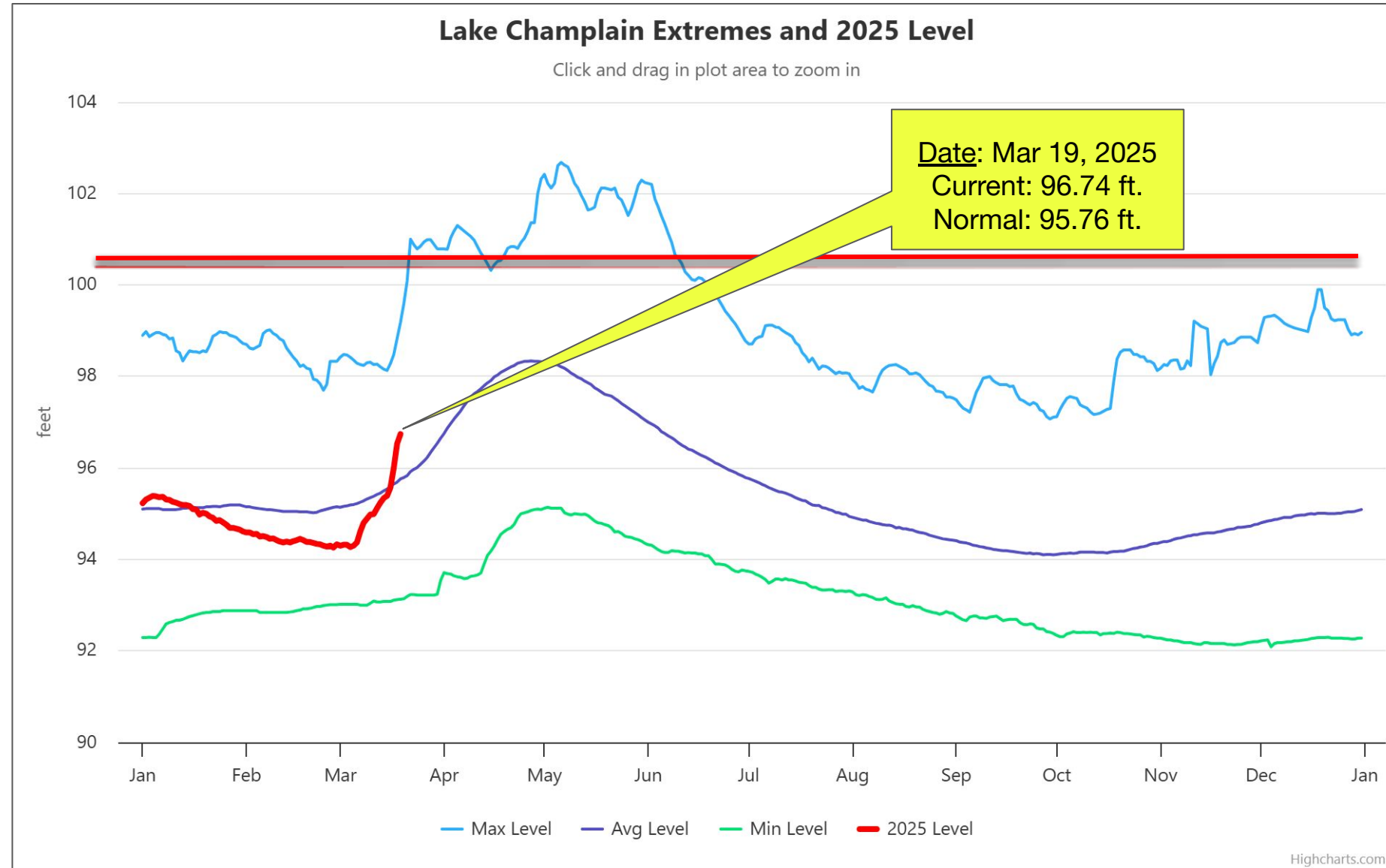


# Lake Champlain

March 20, 2025  
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## Level and overview

- Enhanced runoff from recent rainfall and snowmelt has pushed lake levels up ~ 2 feet.
- Levels are now slightly above long-term seasonal normals.
- Level heavily reliant on future precipitation from this point forward as snowmelt contribution will be limited.



Flood Stage (99.5 ft.)







# 6-10 Day Outlooks

March 20, 2025  
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Normal Late March Temperatures: **Highs: 38 to 44°F** **Lows: 17°F to 27°F**

**TEMPERATURE:** Slightly Below Normal

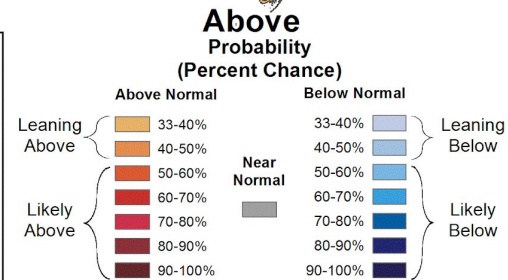
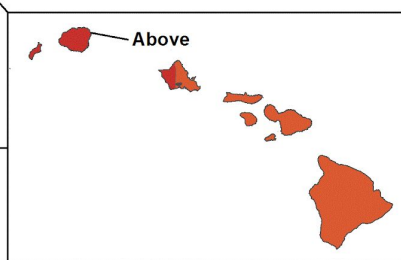
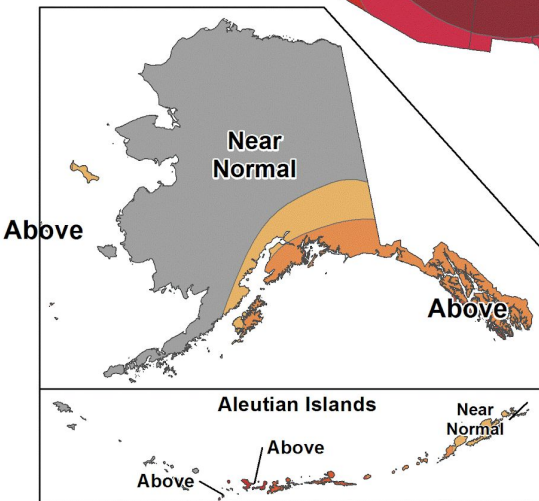
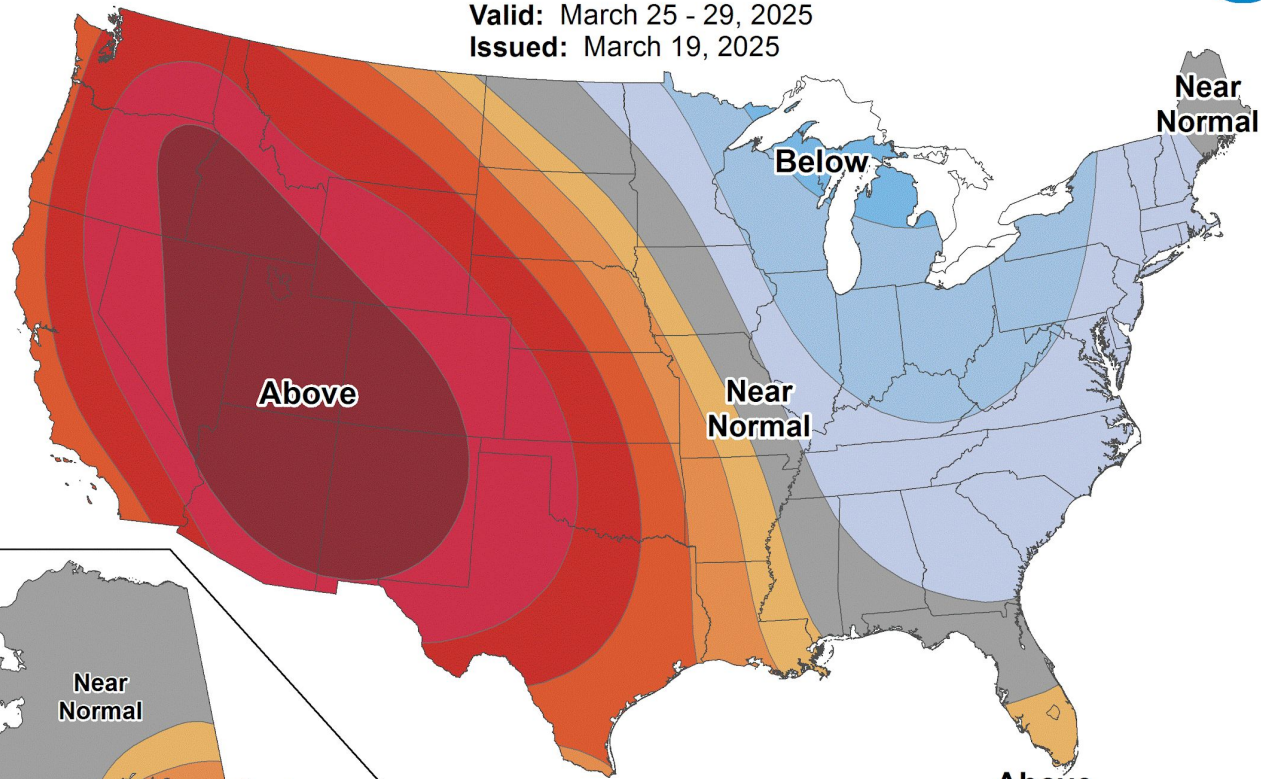
**PRECIPITATION:** Near Normal



## 6-10 Day Temperature Outlook



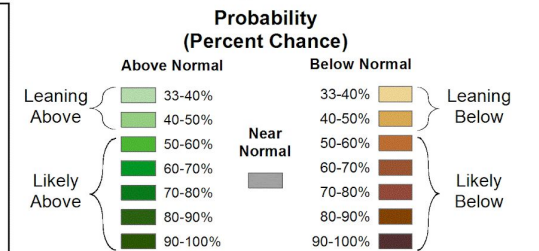
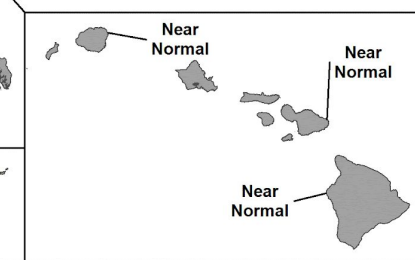
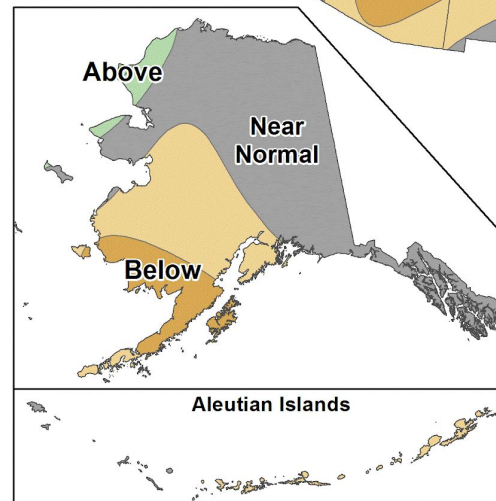
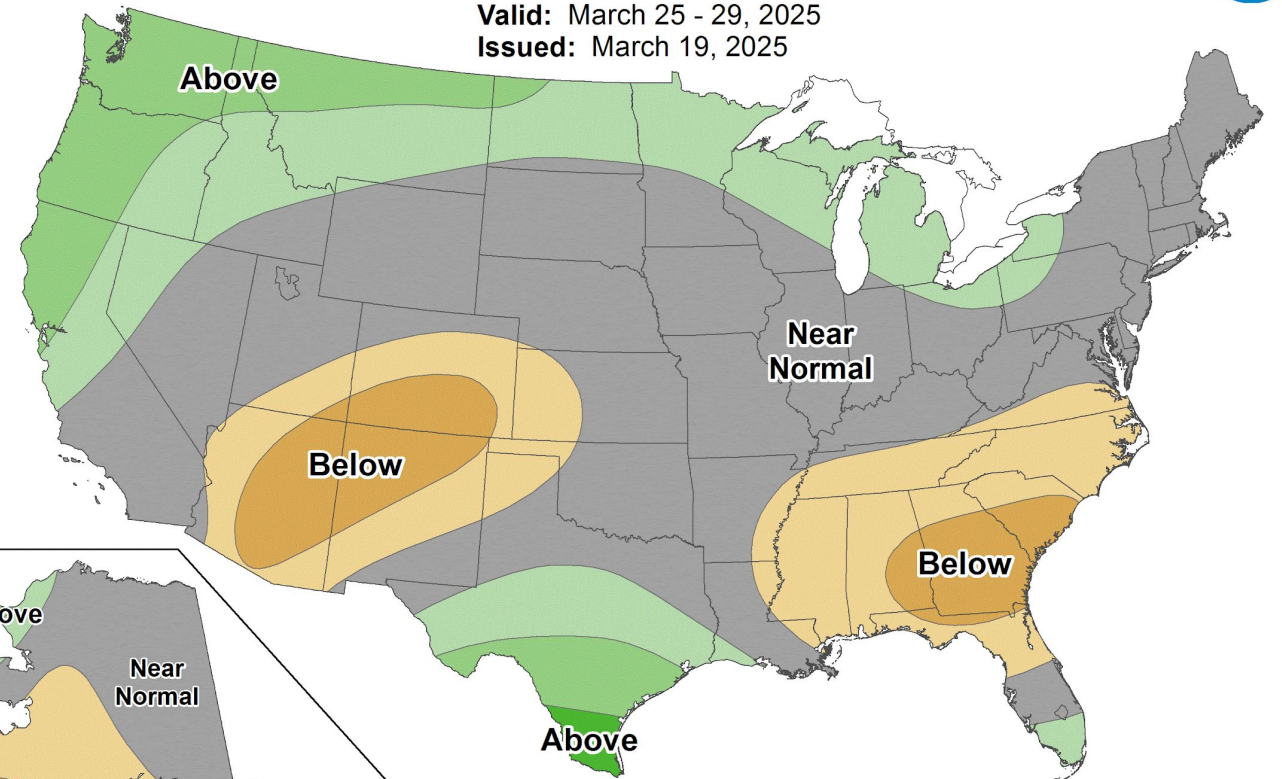
Valid: March 25 - 29, 2025  
Issued: March 19, 2025



## 6-10 Day Precipitation Outlook



Valid: March 25 - 29, 2025  
Issued: March 19, 2025





# Contact and Next Briefing Information

March 20, 2025  
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For northern New York and all of Vermont

## Contact Information

### Web

→ [weather.gov/burlington](https://weather.gov/burlington)

### Phone (unlisted)

→ (802) 658-0150 or (802) 863-4279

### Email

→ [nwsbtv.info@noaa.gov](mailto:nwsbtv.info@noaa.gov)

### Facebook

→ [www.facebook.com/NWSBurlington](https://www.facebook.com/NWSBurlington)

### Twitter

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## Next Briefing: Issued every two weeks

- Thursday, April 3, 2025
- Method: Sent via email by 5 pm



## Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: Wednesday, February 19, 2025

