

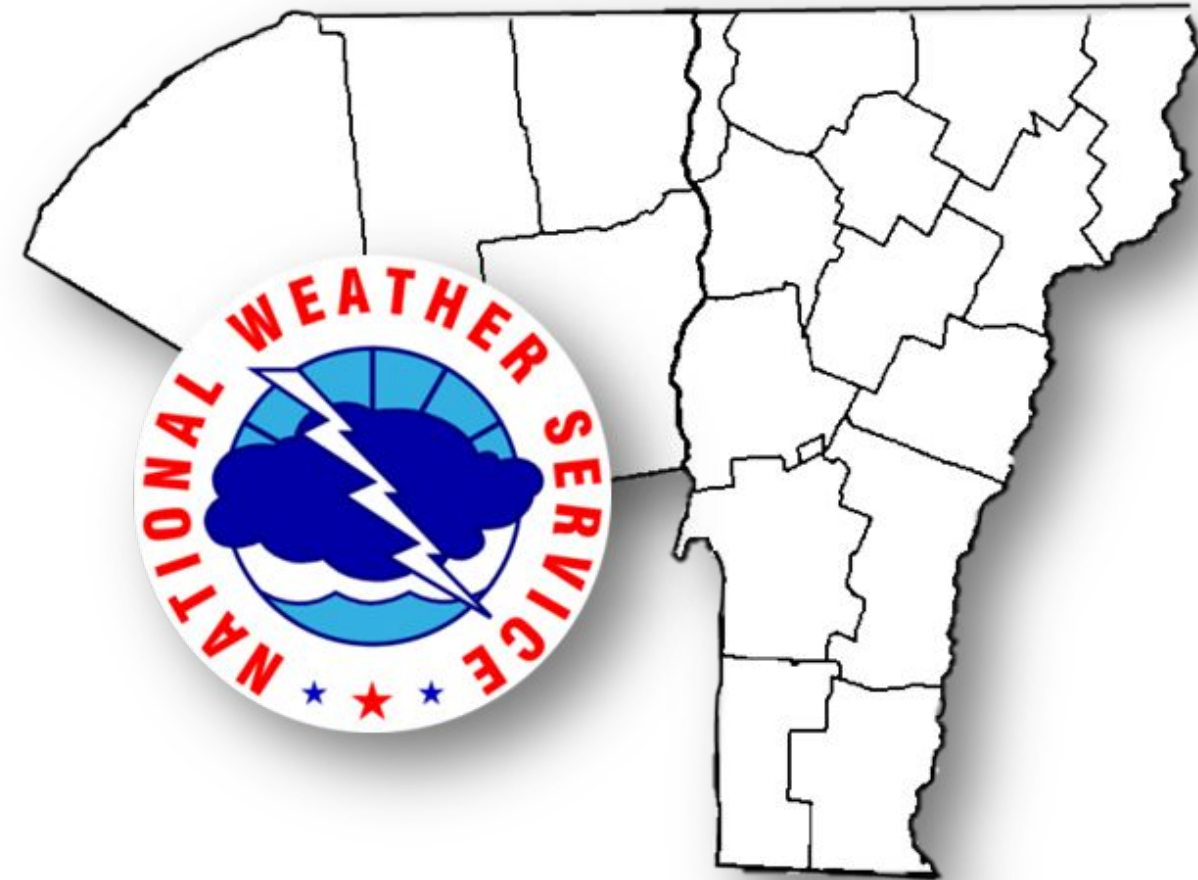


# NWS Burlington Winter/Spring Flood Outlook

January 8, 2025  
1:00 PM

For northern New York and all of Vermont

**Valid: January 8-22, 2025**





# Overview

January 8, 2025  
1:00 PM

**OVERVIEW/TAKEAWAYS:**

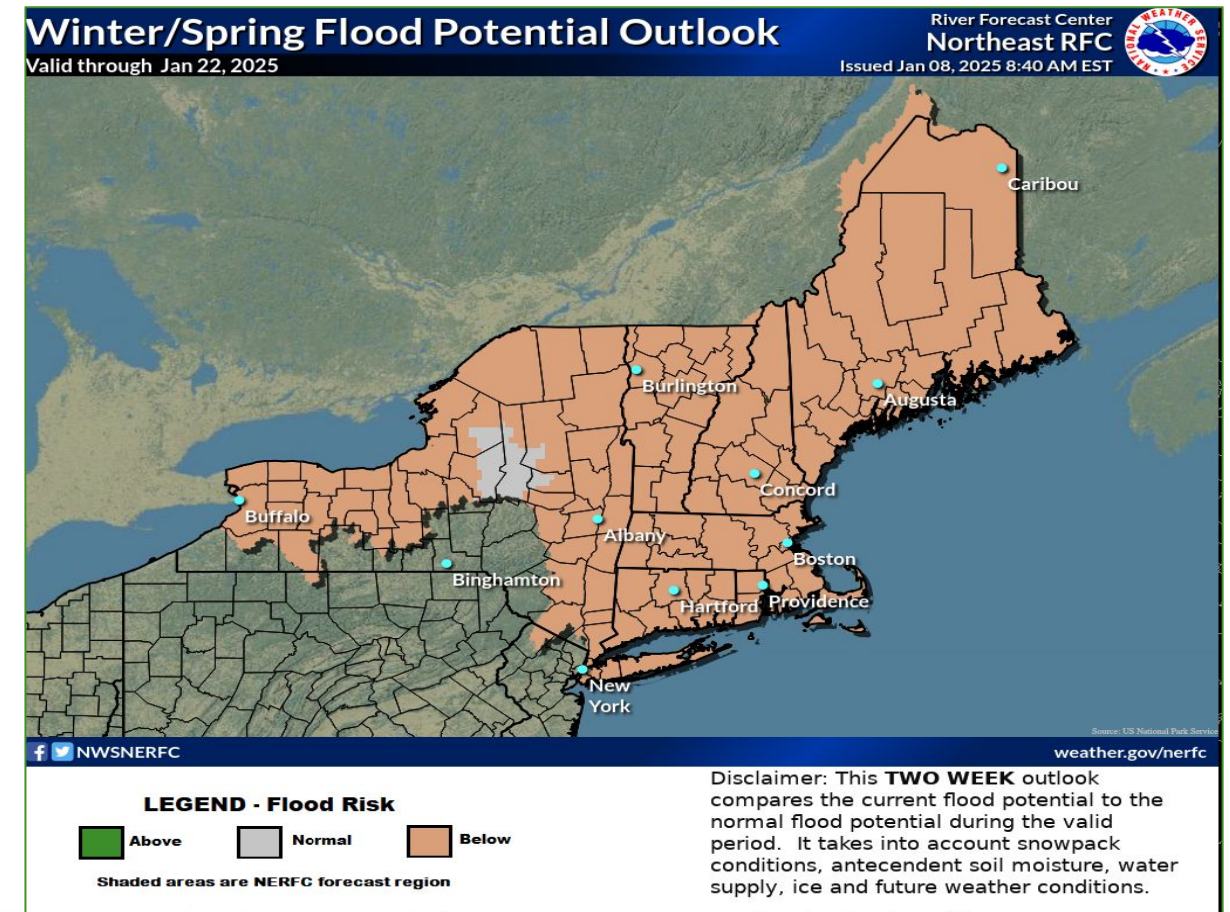
- The **open water flood potential is below normal** for the entire area for the next two weeks. While river flows and soil moisture are mainly above normal, they are offset by below normal snow depth covering much of the region. Additionally, no large storm systems are forecast during the period.
- While significant river ice formation continues, seasonably cold weather over the next two weeks will inhibit any ice breakup. So other than an isolated freeze-up jam, the **overall ice jam flood risk is below normal**.
- Snow cover and snow water content are currently below normal in nearly all areas outside the northern high terrain.
- On average, colder than normal temperatures are expected over the next two weeks along with below normal precipitation.

<b>HAZARDS &amp; IMPACTS</b>	<ul style="list-style-type: none"> <li>Minimal flood impacts are expected through the period. An isolated freeze-up ice jam or two cannot be ruled out.</li> </ul>
------------------------------	--

<b>OUTLOOK CHALLENGES</b>	<ul style="list-style-type: none"> <li>We will remain under a generally cold and stable weather pattern over the next two weeks with scattered light precipitation coming mainly in the form of snow showers. At this time, no highly impactful systems are anticipated.</li> </ul>
---------------------------	---

<b>ADDITIONAL INFORMATION</b>	<ul style="list-style-type: none"> <li><b>Recent precipitation:</b> Near to below normal</li> <li><b>Snow cover:</b> Mainly below normal</li> <li><b>Snow water equivalent:</b> Mainly below normal</li> <li><b>River levels:</b> Near to above normal</li> </ul>	<ul style="list-style-type: none"> <li><b>Soil moisture:</b> Above normal</li> <li><b>Groundwater:</b> Near to below normal</li> <li><b>Temperature outlook:</b> Below normal for the outlook period as a whole</li> <li><b>Precipitation outlook:</b> Below normal for the outlook period as a whole</li> </ul>
-------------------------------	---	--

FLOOD POTENTIAL	REGIONS
Above	None
Normal	None
Below	All areas
Next Briefing	Thursday, January 23, 2025







# Snowpack Data for Month Day, Year

January 8, 2025  
1:00 PM

## Additional information

### Snow Depths

Champlain, Lower CT, and St Lawrence Valleys: ~1-6 inches

Mid-terrain (1000-2500 ft): ~8-24 inches

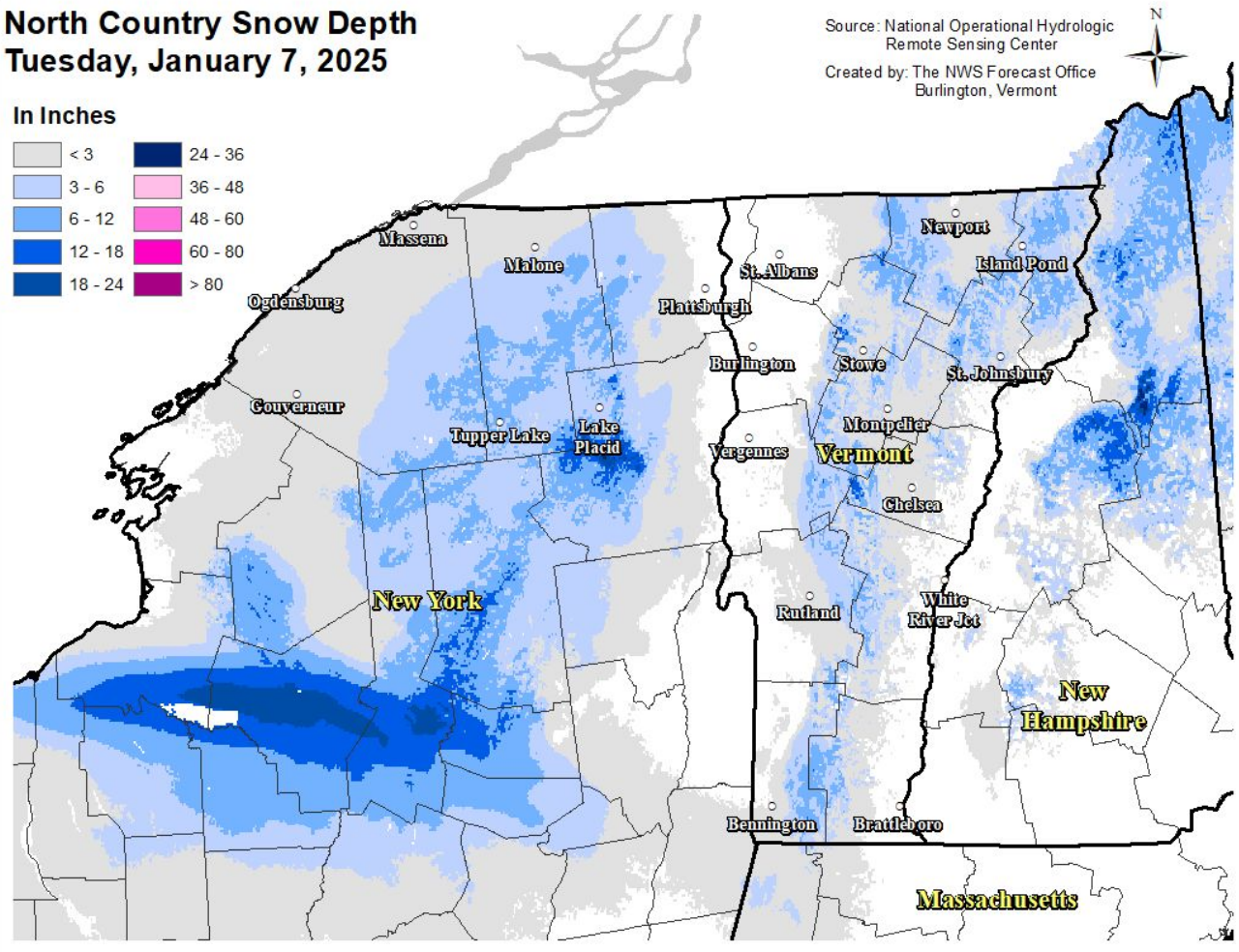
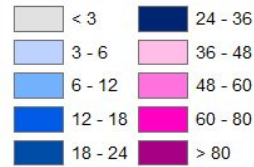
Higher terrain and summits (>2500 ft): ~2-3+ feet

**Mainly below normal for early January except in northern high terrain**

### North Country Snow Depth Tuesday, January 7, 2025

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

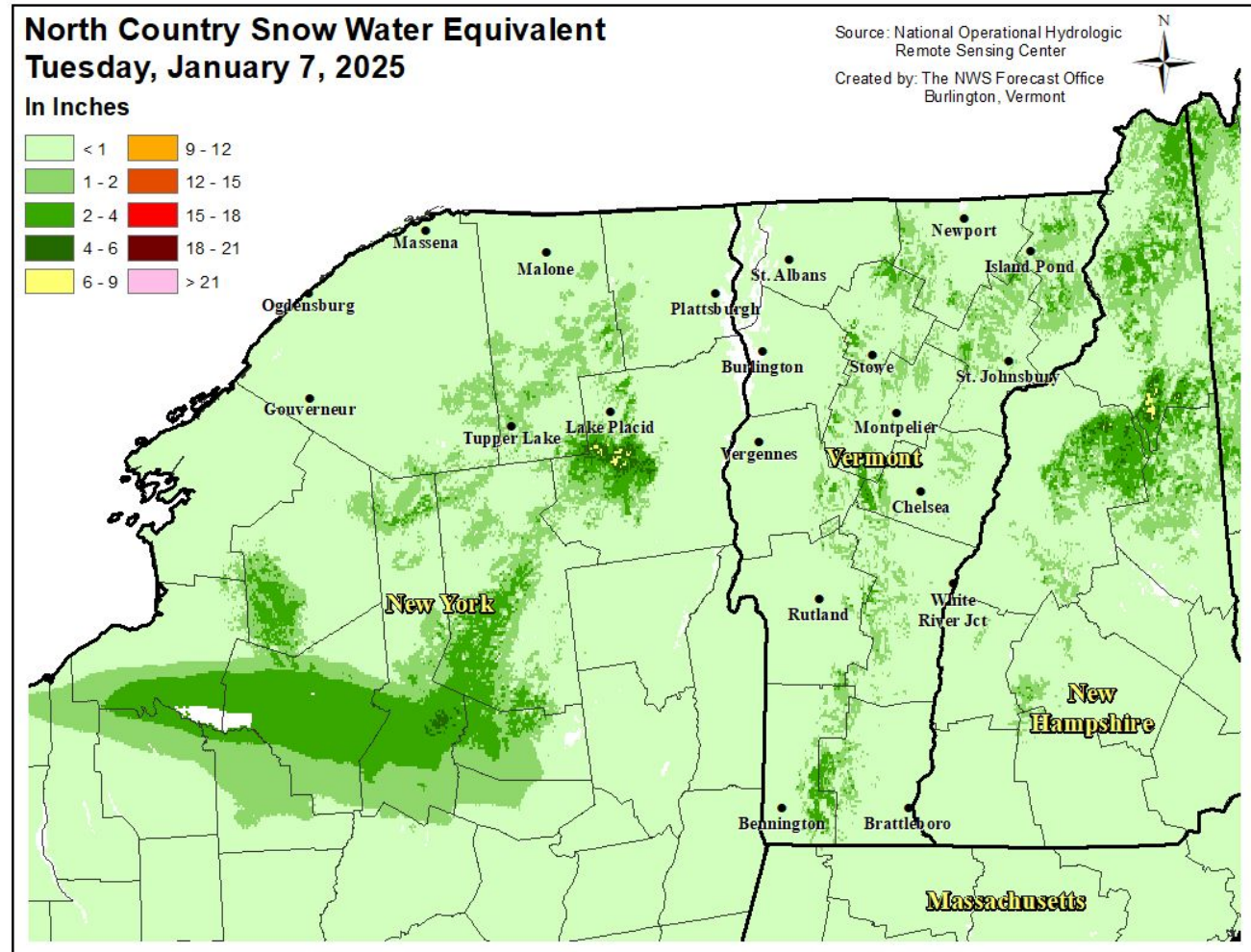
In Inches



### North Country Snow Water Equivalent Tuesday, January 7, 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: < 0.5 inch

Mid-terrain (1000-2500 ft): ~ 0.5 to 1.5 inches

Higher terrain and summits (>2500 ft): ~2 to 3+ inches

**Mainly below normal for early January except in northern high terrain**





# River Ice Coverage

January 8, 2025

1:00 PM

As of January 8, 2025

- Due to recent cold conditions, river and lake ice formation continues in earnest. Many rivers have become largely ice covered across northern counties.
- **Other than an isolated freeze-up jam, any potential for ice jam flooding is well below normal over the next two weeks due to persistent cold weather.**



Lake Champlain @ Sandbar St. Park  
Courtesy VT AOT



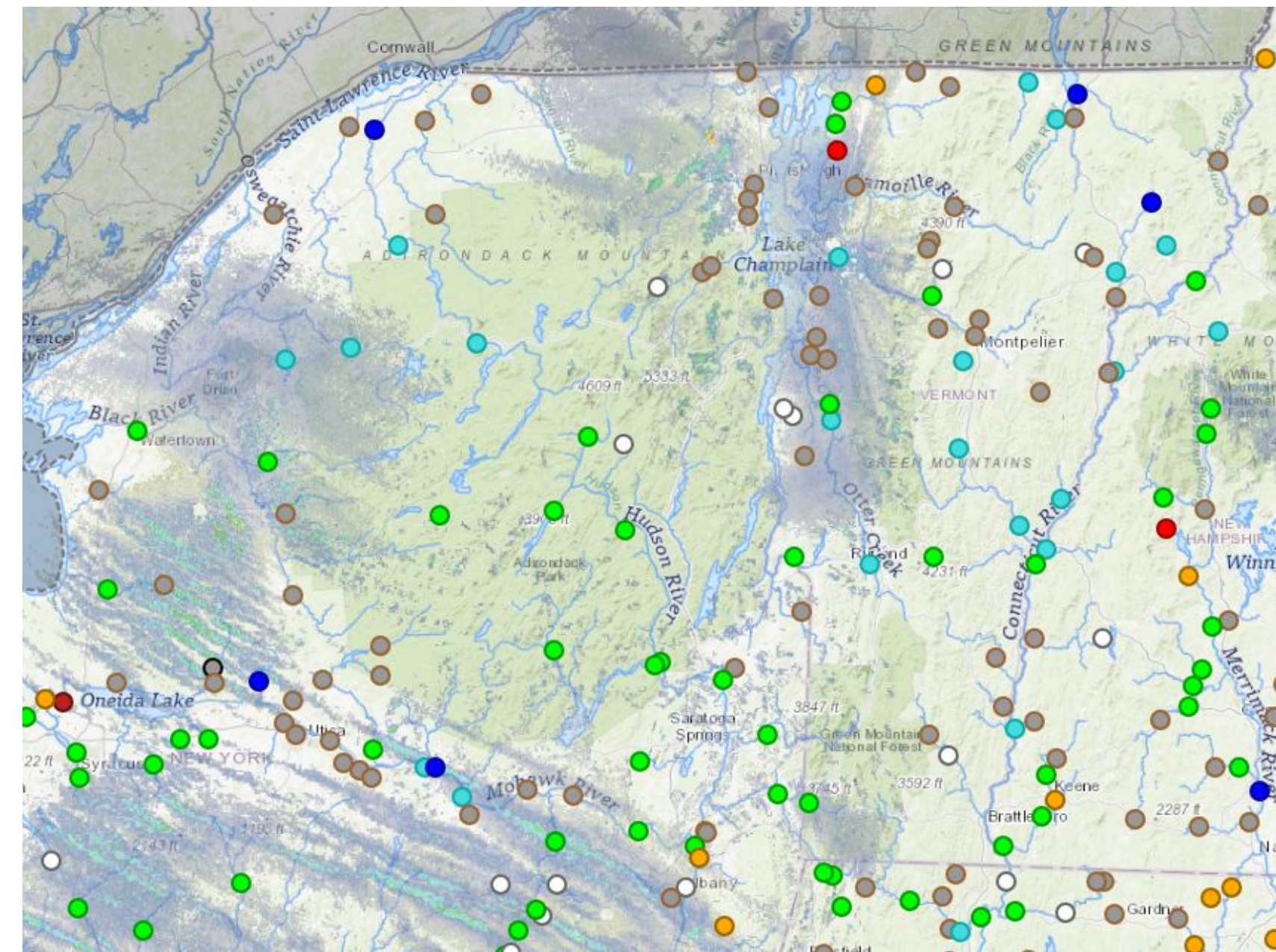




# Current Streamflow across VT and NY

January 8, 2025  
1:00 PM

As of Month Day, Year



**Streamflow: Status**

- Above flood stage
- All-time high for this day (100<sup>th</sup> percentile (maximum))
- 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](#)

- Currently at to above normal across most of our area (courtesy [USGS Water Dashboard](#))
- Flagged gauge readings are ice affected.





# 6-10 Day Outlooks

January 8, 2025

1:00 PM

Normal Temperatures: **Highs:** 20s to around 30°F

**Lows:** 5°F to 15°F

**TEMPERATURE:** Near to below normal (30-50% chance)

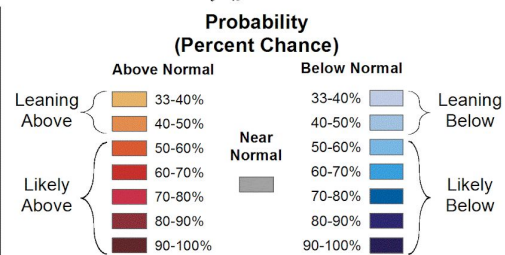
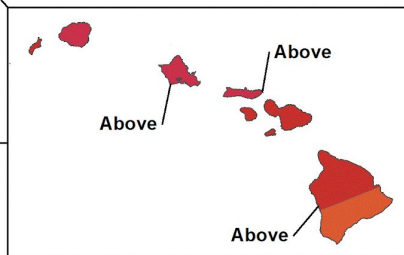
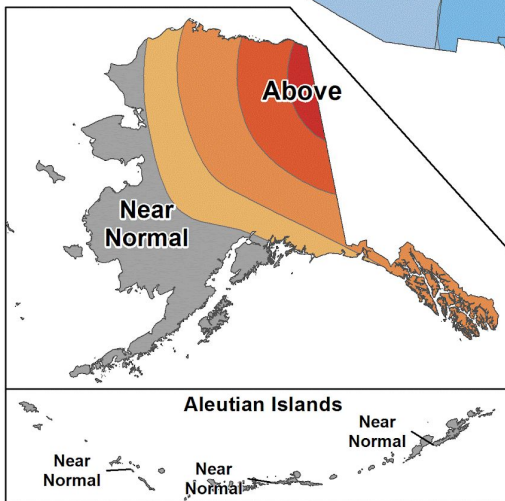
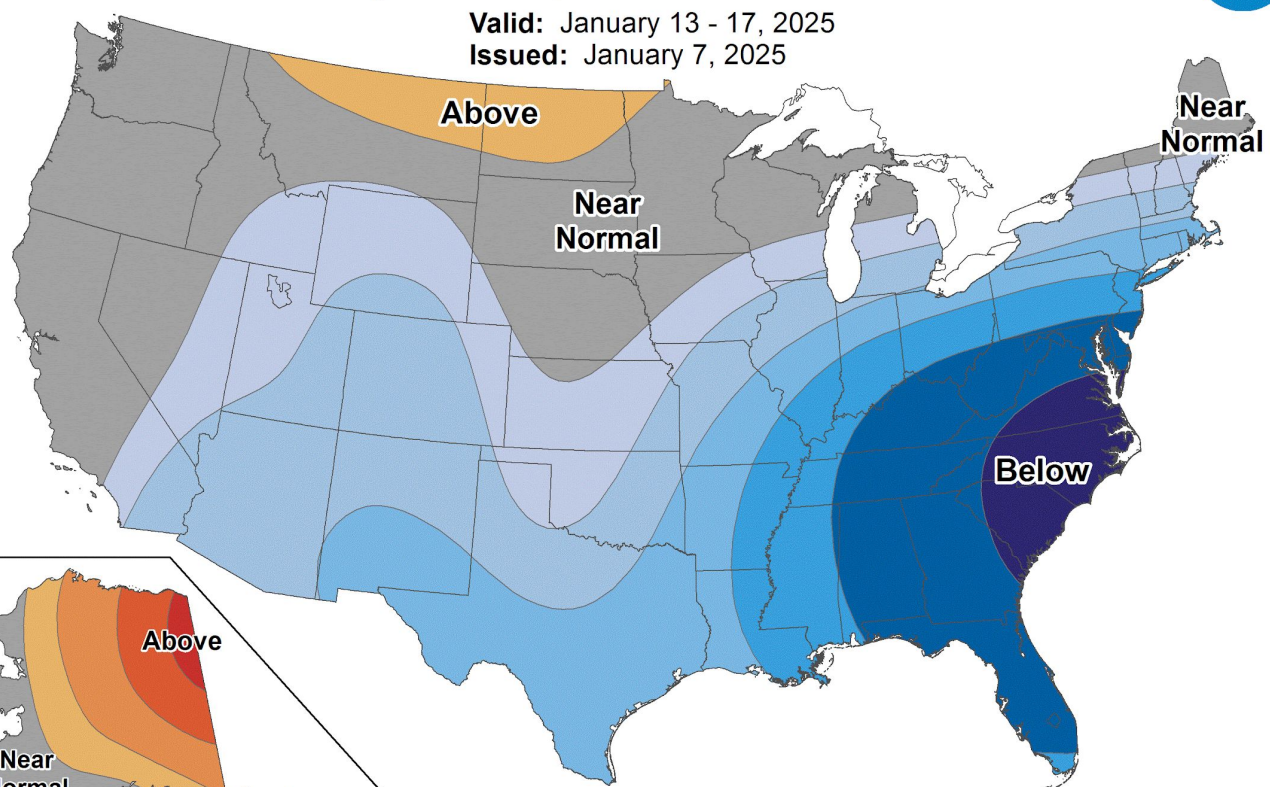
**PRECIPITATION:** Below normal (40-50% chance)



## 6-10 Day Temperature Outlook



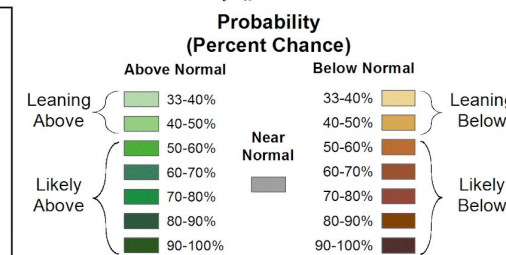
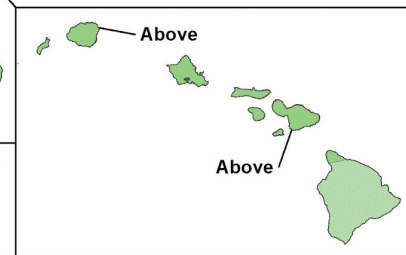
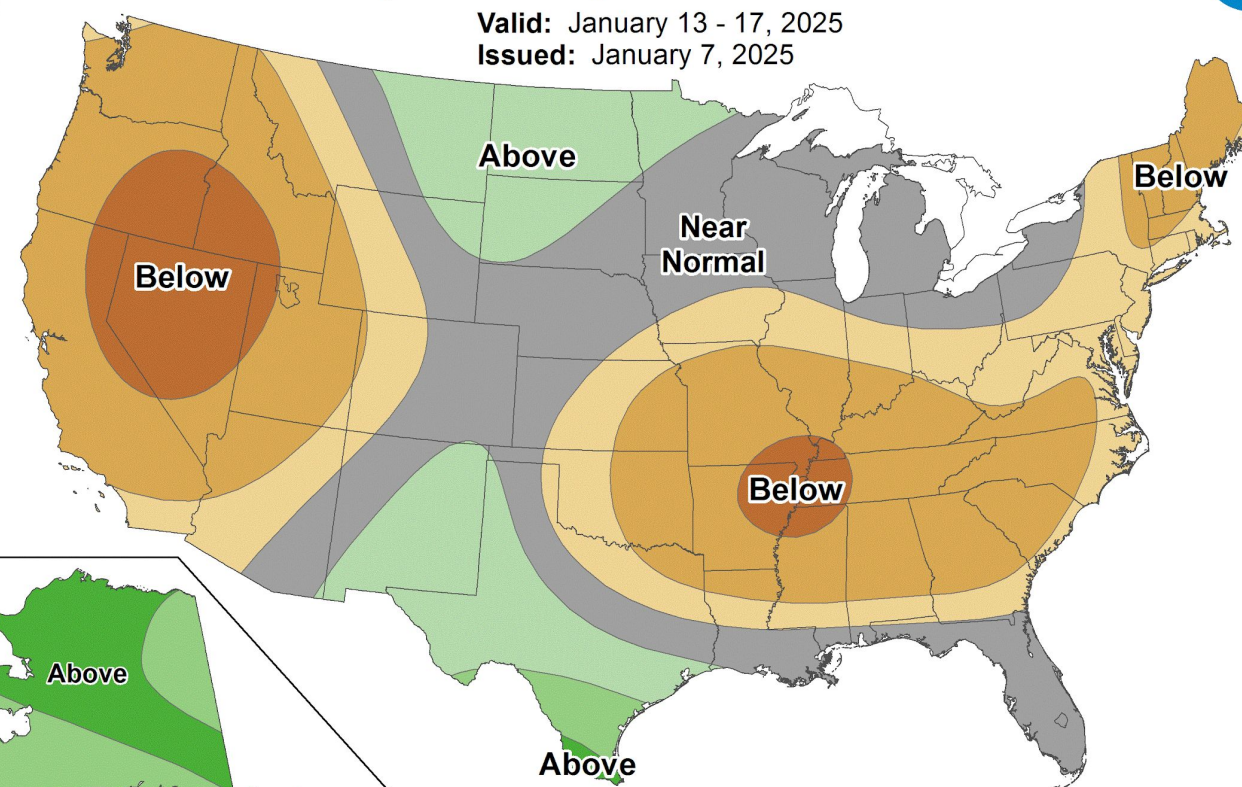
Valid: January 13 - 17, 2025  
Issued: January 7, 2025



## 6-10 Day Precipitation Outlook



Valid: January 13 - 17, 2025  
Issued: January 7, 2025





# Contact and Next Briefing Information

January 8, 2025  
1:00 PM

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

→ [twitter.com/NWSBurlington](https://twitter.com/NWSBurlington)



## Next Briefing: Issued every 2 weeks

- Thursday, January 23, 2025
- Method: Sent via email by 5 pm



## Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: Monday, February 5, 2024

