

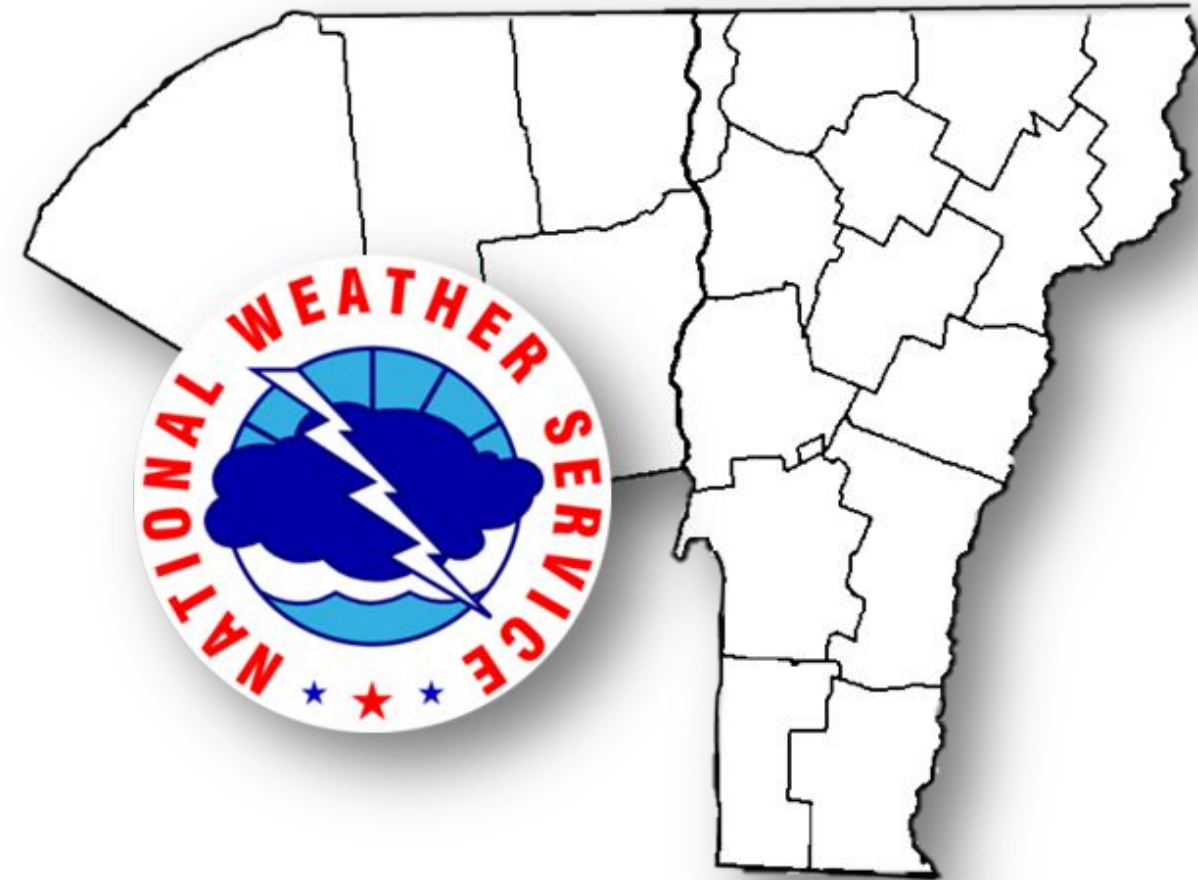


NWS Burlington: Winter/Spring Flood Outlook #2

January 22, 2025
8:58 AM

For northern New York and all of Vermont

Valid: January 23- February 5, 2025



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Burlington, VT



Overview

January 22, 2025
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OVERVIEW/TAKEAWAYS:

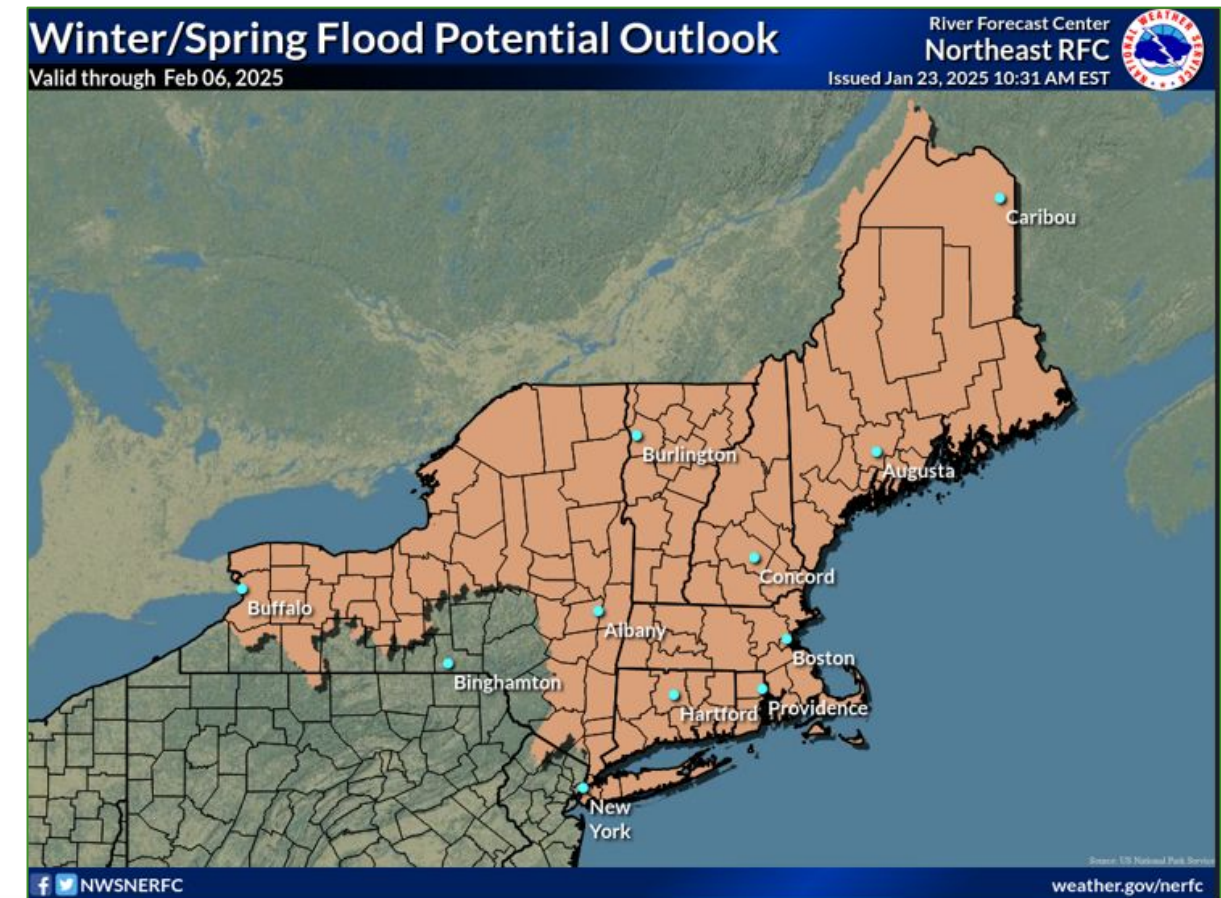
- The open water flood potential is below normal for the entire area for the next two weeks. While river flows and soil moisture are near normal across much of the area, they are offset by below normal snow depth covering much of the region.
- Snow cover and snow water content are currently below normal in all areas except for portions of the northern high terrain.
- On average, below normal temperatures are expected over the next two weeks. Normal precipitation is expected.
- River ice continues to thicken with most rivers now partially or fully ice covered. While the threat of ice breakup is minimal over the next two weeks, this will have to be monitored as we head later into the winter when the potential for break-up ice jams will exist.

HAZARDS & IMPACTS	<ul style="list-style-type: none"> Minimal flood impacts are expected through the period.
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OUTLOOK CHALLENGES	<ul style="list-style-type: none"> We will remain under a relatively quiet, seasonably cold mid-winter weather pattern through the next two weeks. At this time, no highly impactful systems are anticipated, but it will depend heavily on exact storm track. Precipitation type should fall mainly in the form of snow, but at this point no heavy snowfall is expected.
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ADDITIONAL INFORMATION	<ul style="list-style-type: none"> Recent precipitation: Near to below normal Snow cover: Below normal Snow water equivalent: Below normal River levels: Near to below normal <ul style="list-style-type: none"> Soil moisture: Normal to below normal Groundwater: Near to below normal Temperature outlook: Below normal for the outlook period as a whole Precipitation outlook: Near to above normal for the outlook period as a whole
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FLOOD POTENTIAL	REGIONS
Above	None
Normal	None
Below	All areas for open water & ice jam flooding
Next Briefing	February 6, 2025





Snowpack Data for January 21, 2025

January 22, 2025
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Additional information

Snow Depths

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

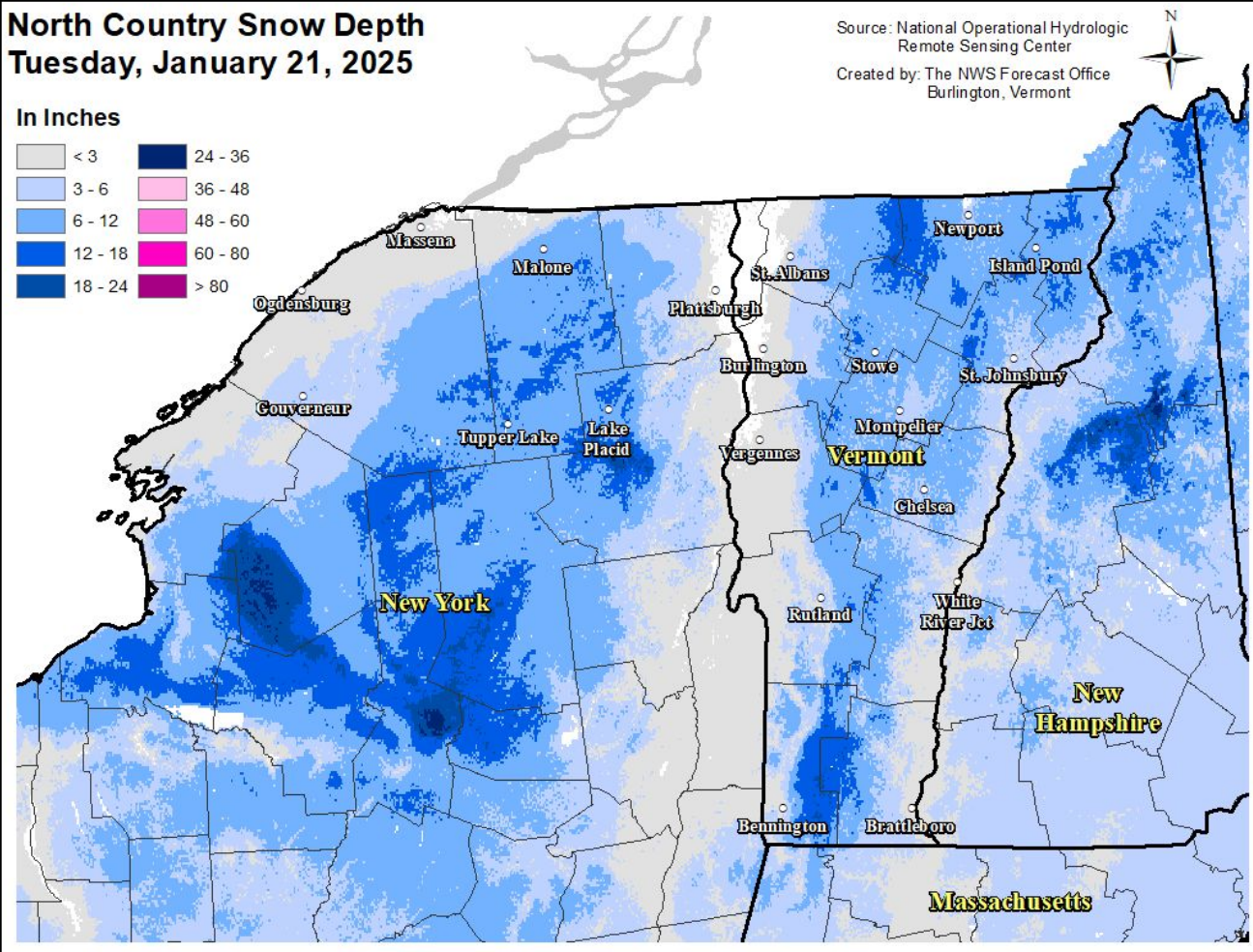
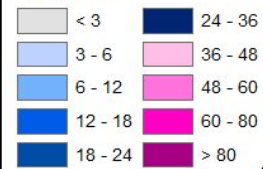
Mid-terrain (1000-2500 ft): ~ 7 - 20"

Higher terrain and summits (>2500 ft): 2+ ft

Below normal for mid January except for northern high terrain

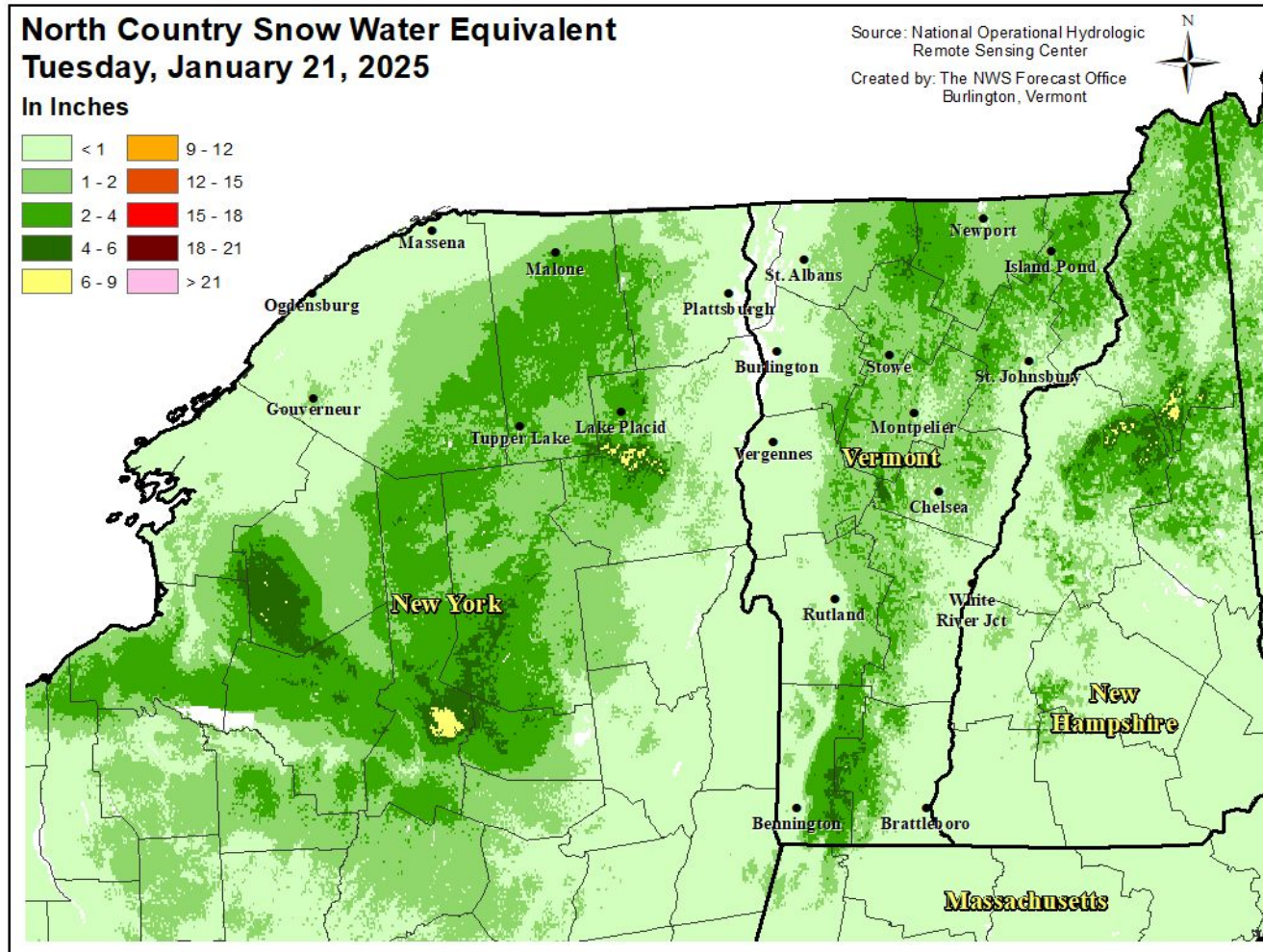
North Country Snow Depth
Tuesday, January 21, 2025

In Inches



North Country Snow Water Equivalent
Tuesday, January 21, 2025

In Inches



Water Equivalents

Champlain, Lower CT, and St Lawrence Valleys: ~ ≤ 1"

Mid-terrain (1000-2500 ft): ~ 1 - 3"

Higher terrain and summits (>2500 ft): ~ 4+"

Below normal for late January except in northern high terrain



River Ice Coverage

January 22, 2025
8:58 AM

As of January 22, 2025

- Due to recent cold conditions, river and lake ice formation continues in earnest. Many rivers have become largely ice covered, especially across northern counties. River ice thicknesses estimated at 6-12", though perhaps slightly greater on a few northern rivers.
- **Any potential for ice jam flooding is well below normal over the next two weeks due to persistent cold weather.**



Winooski R. @ Bailey Ave. Bridge, Montpelier, VT (1/13/25)

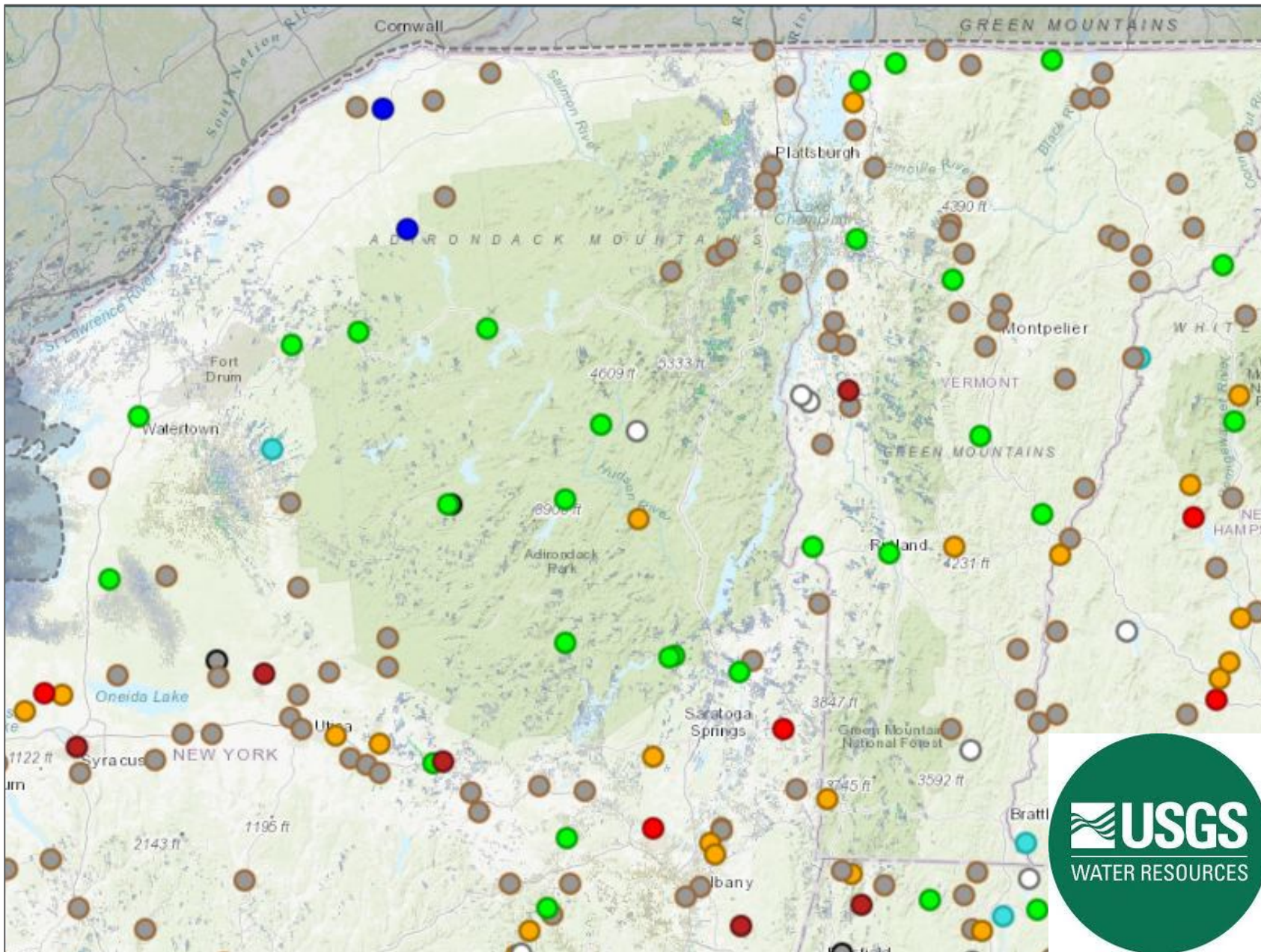




Current Streamflow across VT and NY

January 22, 2025
8:58 AM

As of January 22, 2025



Streamflow: Status

- Above flood stage
- All-time high for this day
- Much above normal
- Above normal
- Normal
- Below normal
- Much below normal
- All-time low for this day
- 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](#)

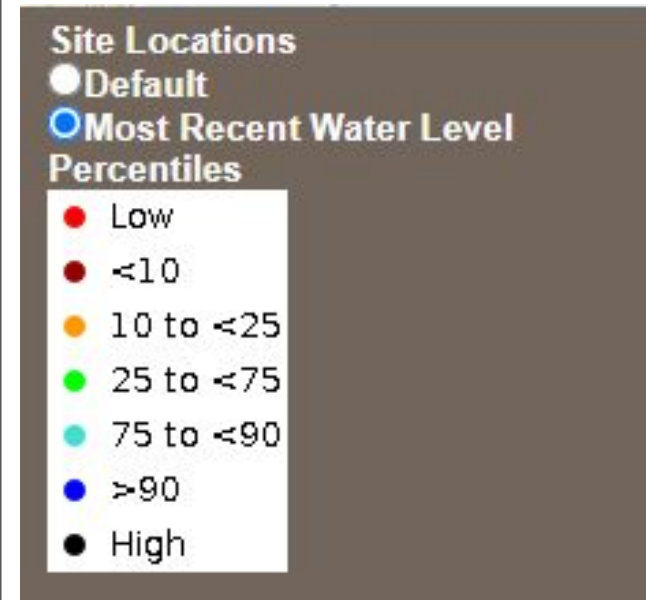
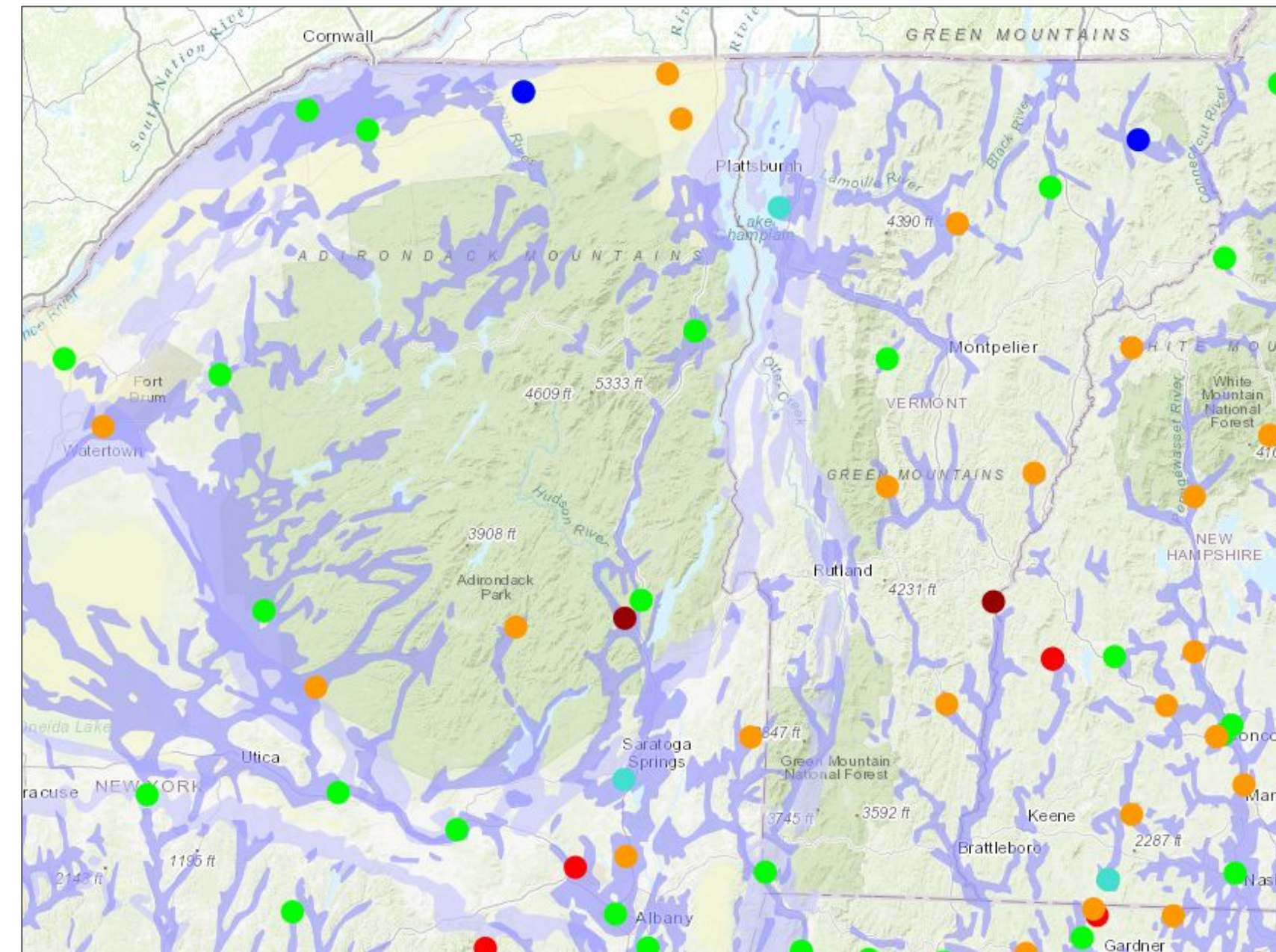
- Currently near normal across much of our area (courtesy [USGS Water Dashboard](#))
- Some variability with somewhat drier conditions across southern Vermont.



Groundwater Conditions across VT and NY

January 22, 2025
8:58 AM

As of January 22, 2025



- Currently near to below normal across much of our area (courtesy [USGS via the National Ground-Water Monitoring Network](#))
- Some variability with somewhat drier conditions across southern Vermont.



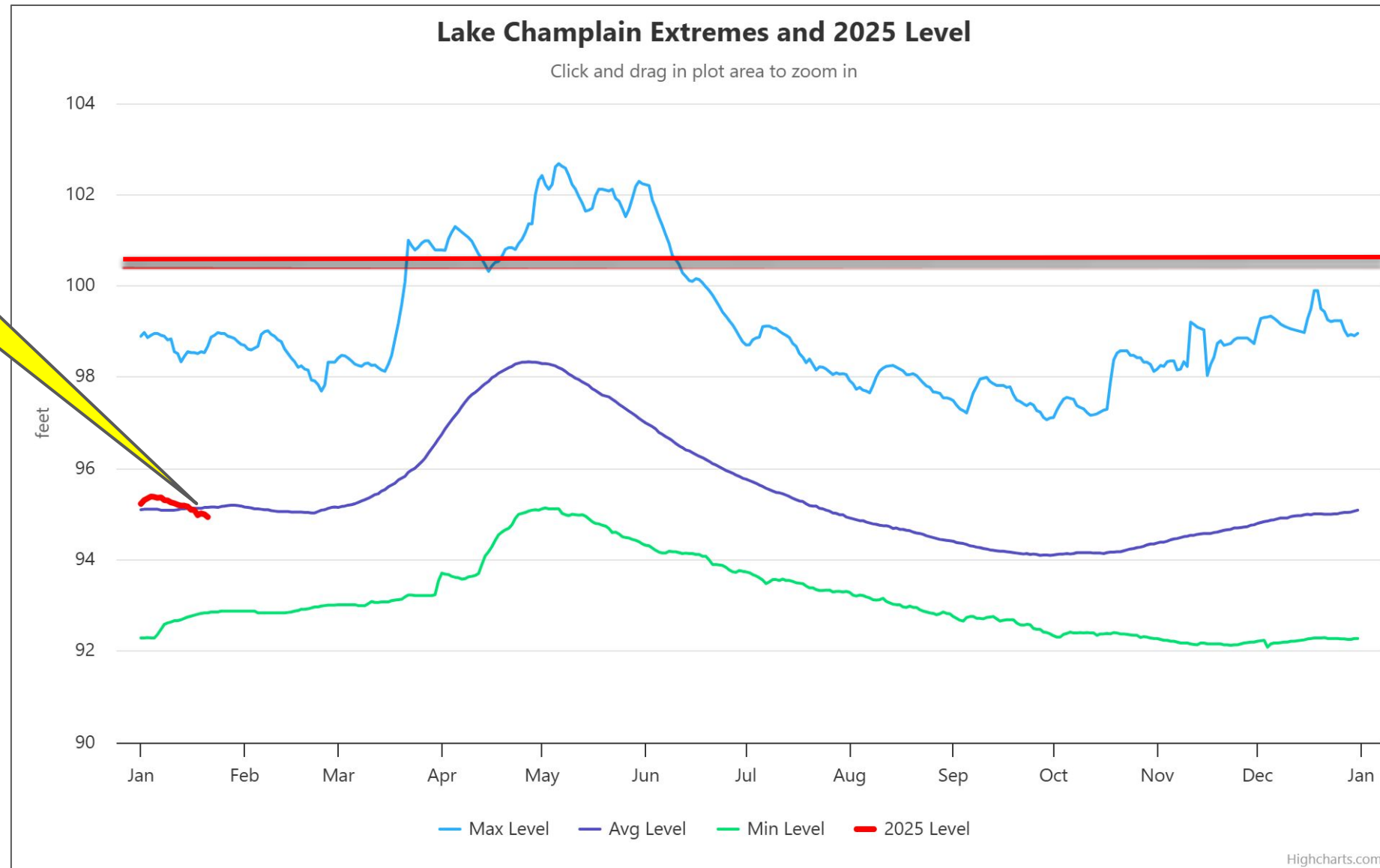
Lake Champlain

January 22, 2025
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Level and overview

Date: Jan 21, 2025
Current: 94.94 ft.
Normal: 95.15 ft.

- No immediate concerns with current levels near normal
- Future levels heavily reliant on future precipitation and snowmelt.



Flood Stage (99.5 ft.)



6-10 Day Outlooks

January 22, 2025
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Normal late-January Temperatures: **Highs:** 20s to around 30°F

Lows: 5°F to 15°F

TEMPERATURE: Slightly below normal

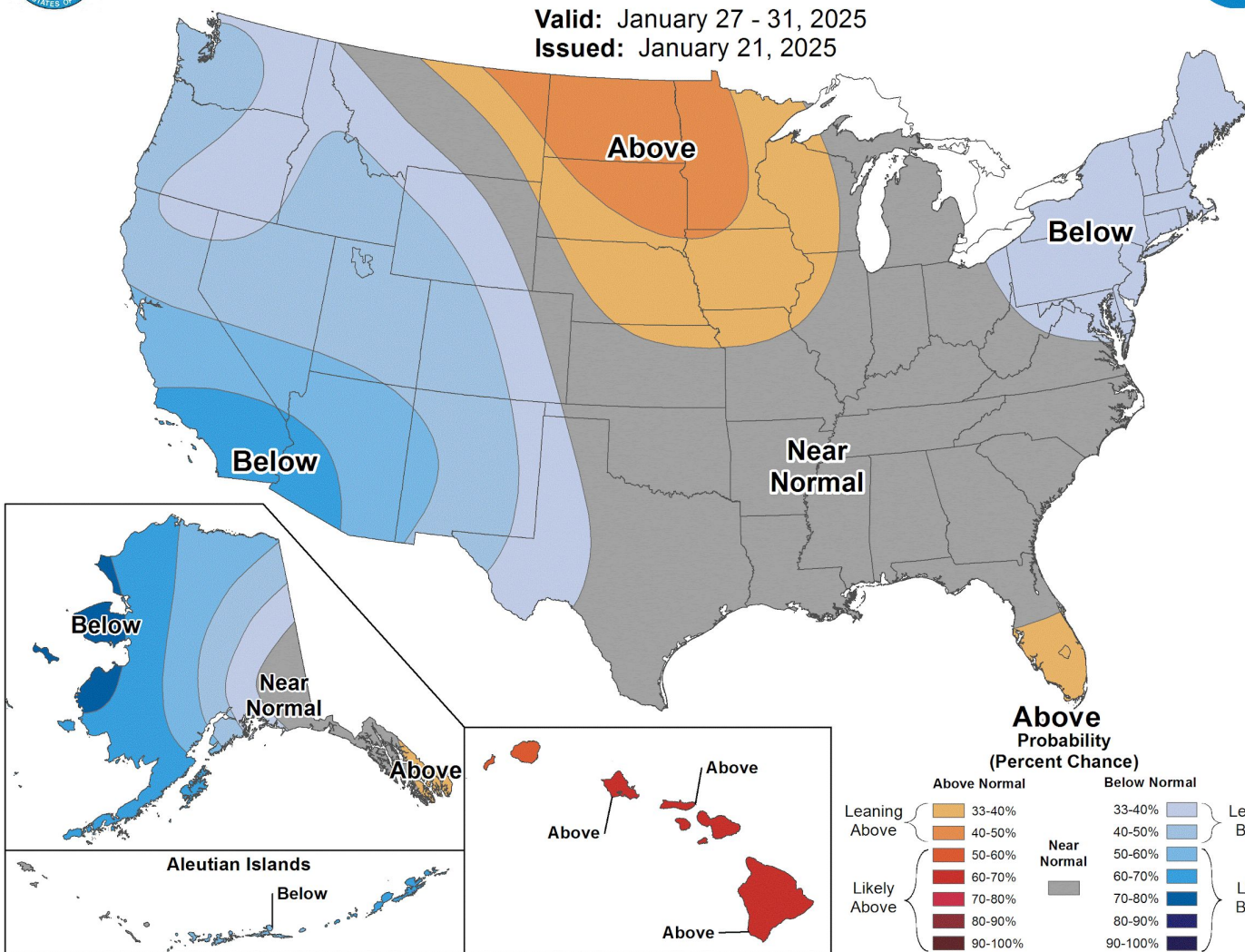
PRECIPITATION: Near normal



6-10 Day Temperature Outlook



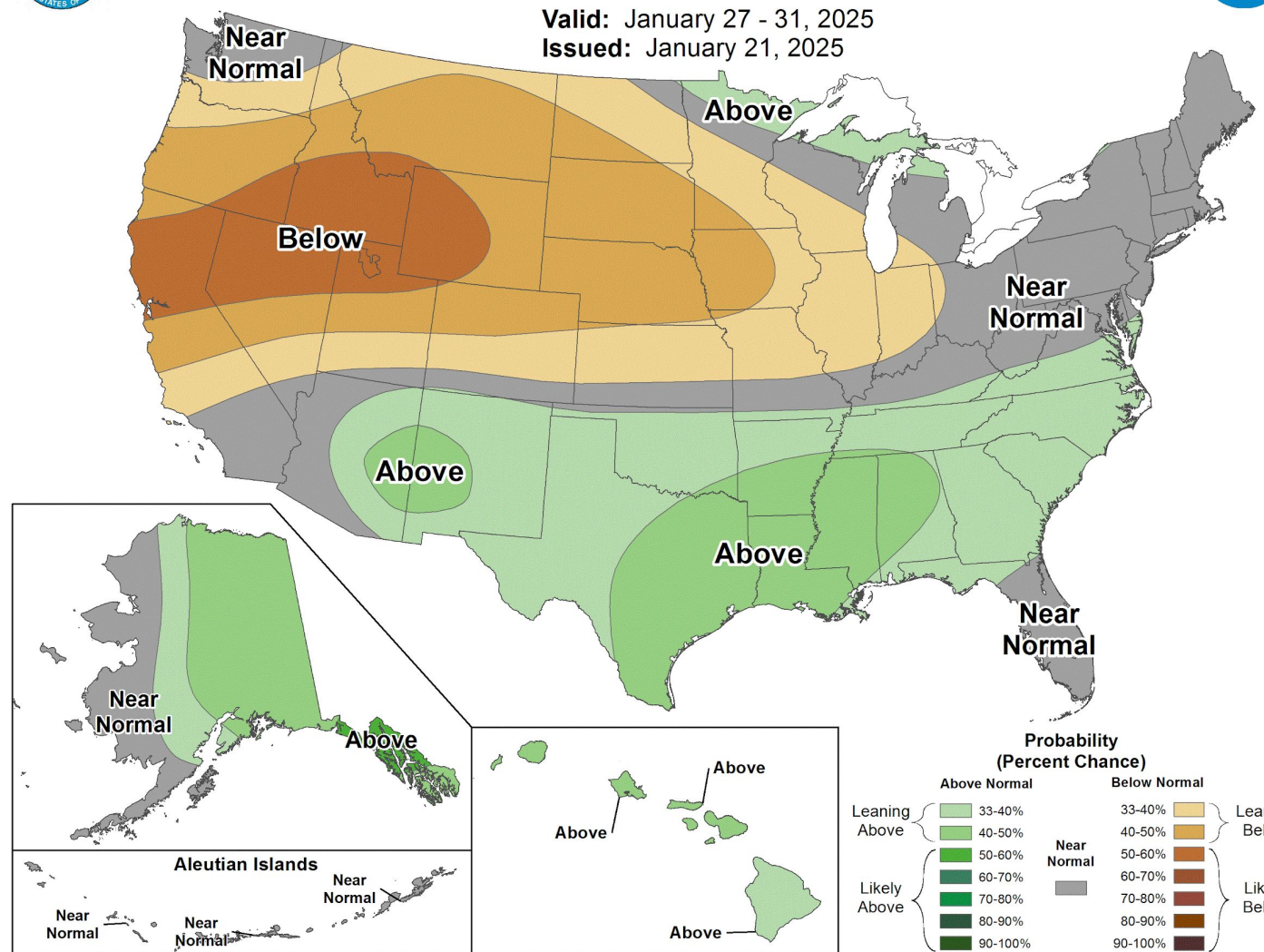
Valid: January 27 - 31, 2025
Issued: January 21, 2025



6-10 Day Precipitation Outlook



Valid: January 27 - 31, 2025
Issued: January 21, 2025





Contact and Next Briefing Information

January 22, 2025
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For northern New York and all of Vermont

Contact Information

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→ (802) 658-0150 or (802) 863-4279

Email

→ nwsbtv.info@noaa.gov

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Twitter

→ twitter.com/NWSBurlington



Next Briefing: Issued every two weeks

- Thursday, February 6, 2025
- Method: Sent via email by 5 pm



Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: Wednesday, February 5, 2025

