

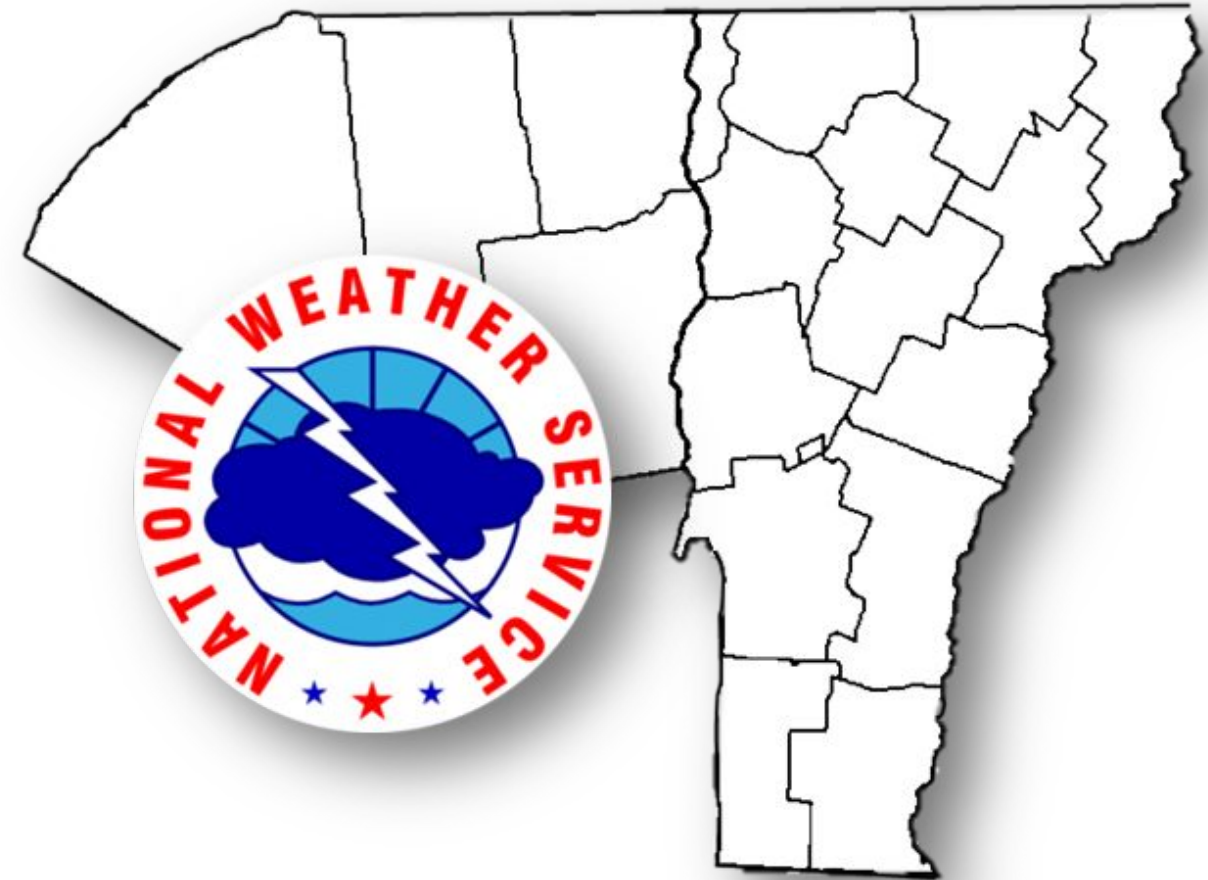


NWS Burlington: Winter/Spring Flood Outlook #7

April 3, 2025
2:50 PM

For northern New York and all of Vermont

Valid: April 3 - 16, 2025



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

**National Weather Service
Burlington, VT**



Overview

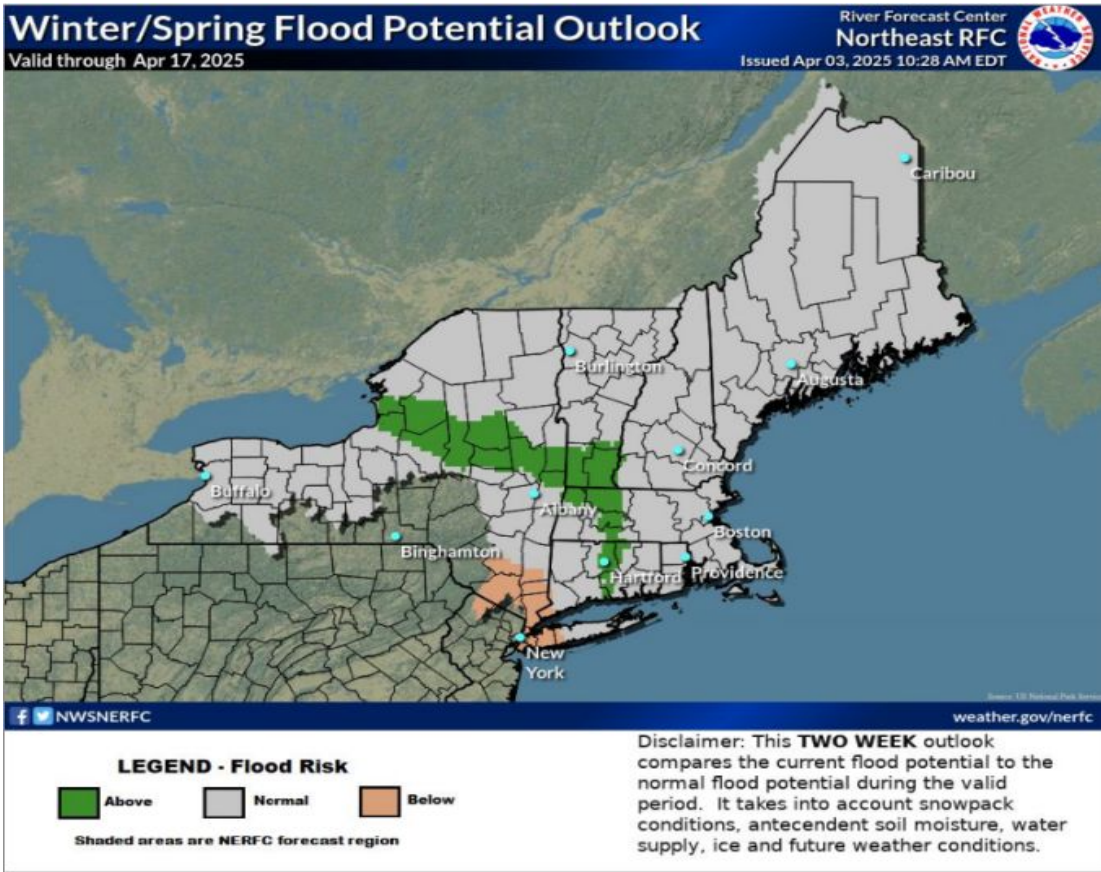
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OVERVIEW/TAKEAWAYS:

- The open water flood potential is near normal for the entire NWS Burlington forecast area over the next two weeks.
- With our recent warmups and rainfall, the extant snowpack has largely melted below 2,000 feet. Only minimal additional contributions to river levels from snowmelt are expected going forward into April.
- On average, below normal temperatures are expected over the next two weeks, while near to slightly above normal precipitation is also expected. This should fall largely as intermittent periods of light rain or snow.
- While there are no heavy rain events forecast at this time, predictability is lower beyond the one week time frame. This fact, in combination many streamflows running at or above normal across the region warrants a Normal Flood Risk for the outlook period as a whole.

HAZARDS & IMPACTS	▪ There are no hydrological hazards or impacts currently in effect, or forecast to occur across the area. A few river gauges may approach bankfull over the next few days. These would include the Otter Creek at Center Rutland, VT and the Barton River at Coventry, VT.	
OUTLOOK CHALLENGES	▪ An active, but relatively quiet early spring hydrological 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 normal ▪ Snow water equivalent: Near normal ▪ River levels: At or above normal	▪ Soil moisture: Mainly above normal ▪ Groundwater: Variable ▪ Temperature outlook: Below normal for the outlook period as a whole ▪ Precipitation outlook: Near to 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 and Final Briefing	April 17, 2025

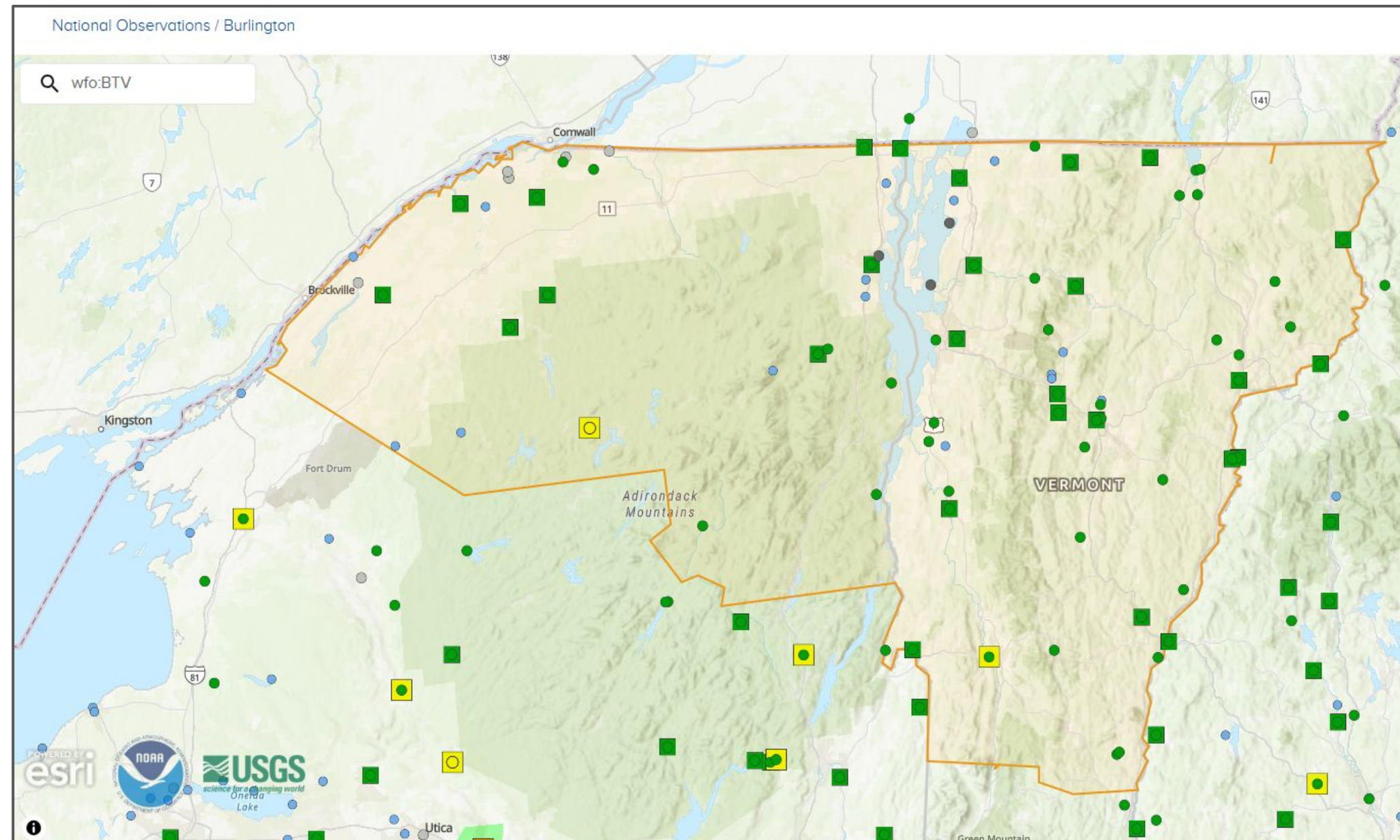




Current River Levels and Forecasts

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- No flooding is forecast, though many streams and rivers are currently running at or above normal. A few streams may near bankfull over the next few days.
- These would include the Otter Creek @ Center Rutland, VT, the Barton R. @ Coventry, VT, and the Raquette R. @ Piercefield, NY
- Please go to water.noaa.gov/wfo/btv for the latest river observations and forecasts





Snowpack Data for April 3, 2025

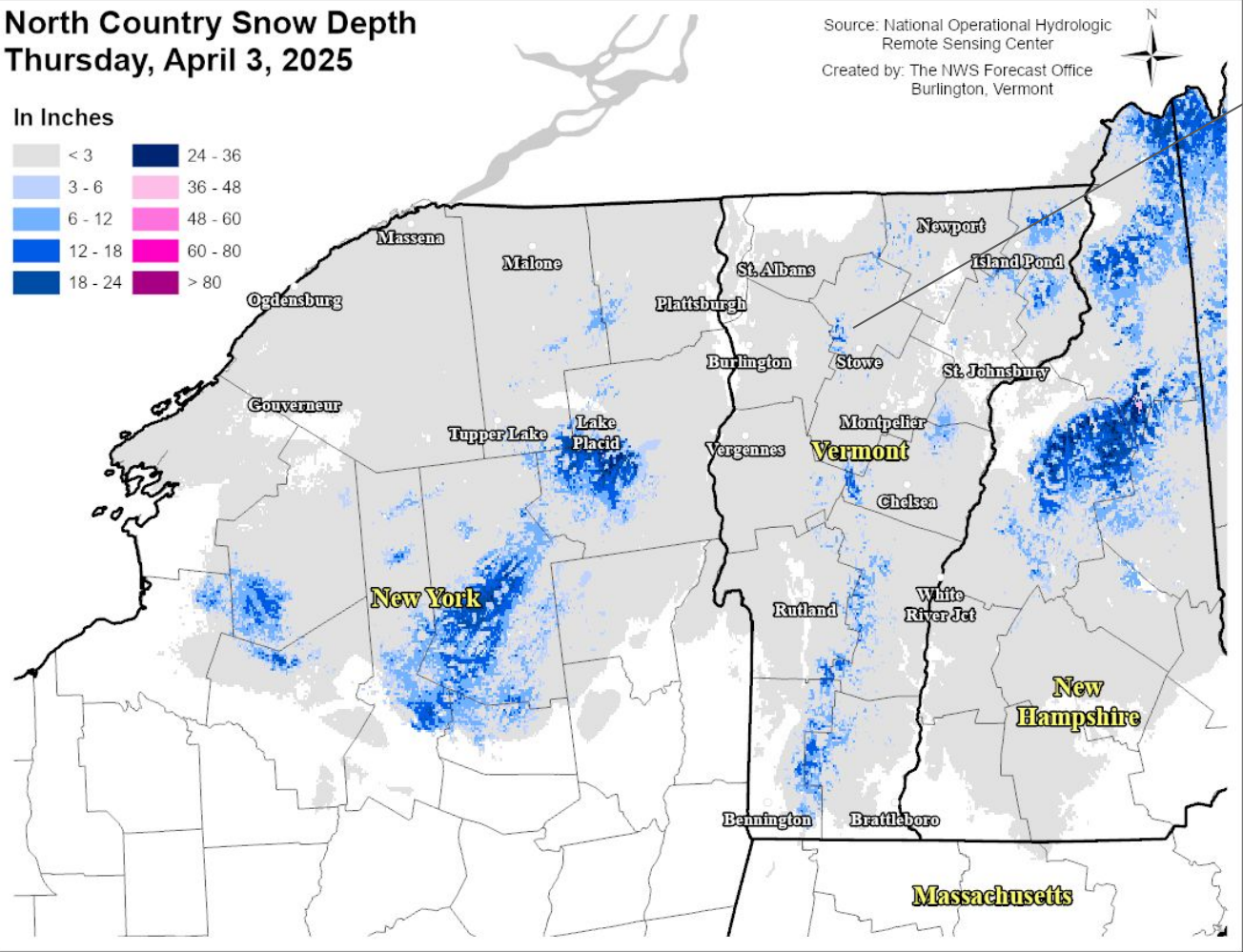
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Snowpack has largely melted below 2,000 feet

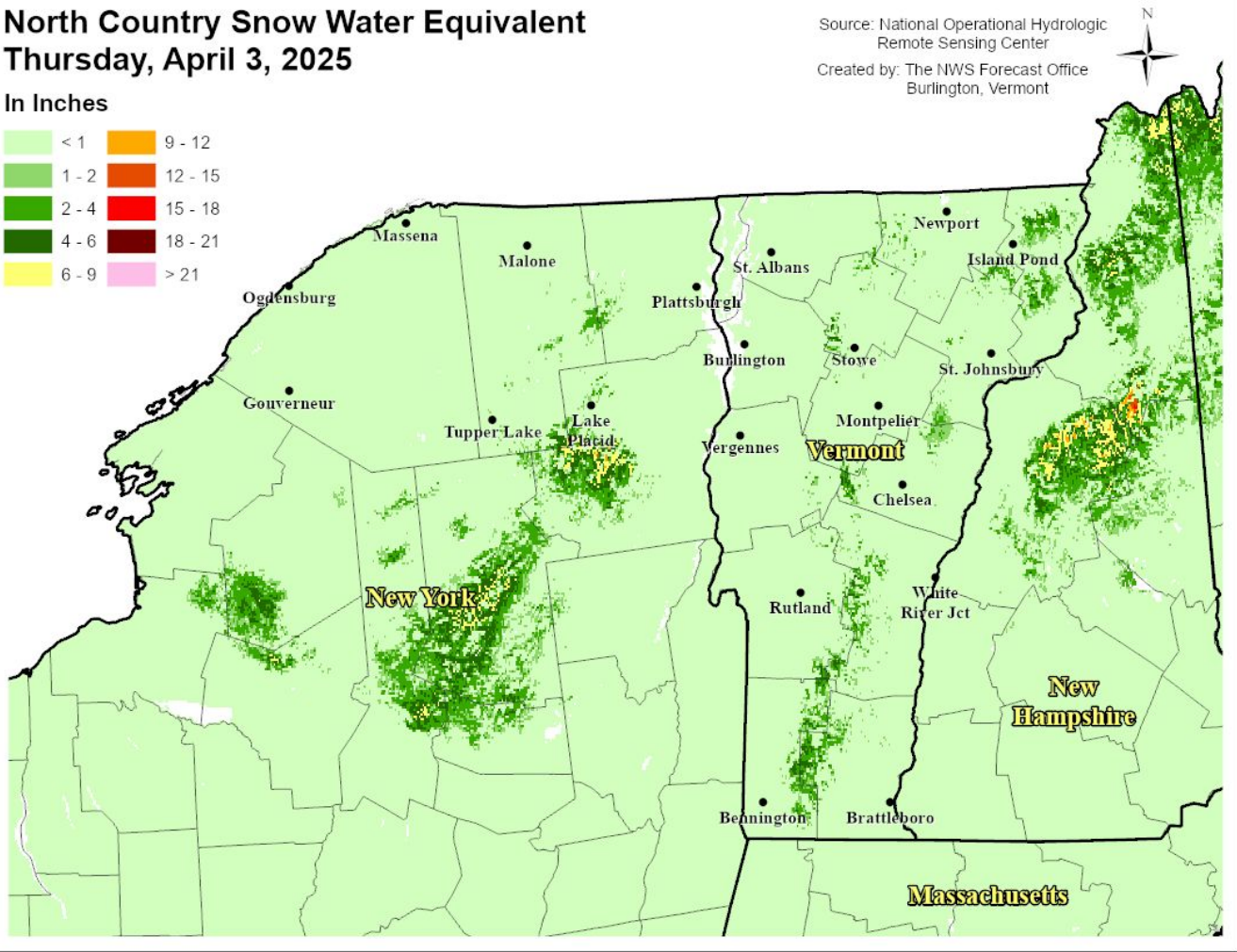
Snow Depths

Champlain, Lower CT, and St Lawrence Valleys: Bare ground
Mid-terrain (1000-2500 ft): Bare ground to 6 in.
Higher terrain and summits (>2500 ft): 1 to 3 ft.+
Normal (summits at or above normal)

North Country Snow Depth
Thursday, April 3, 2025



North Country Snow Water Equivalent
Thursday, April 3, 2025



Water Equivalents

Champlain, Lower CT, and St Lawrence Valleys: None
Mid-terrain (1000-2500 ft): < 1"
Higher terrain and summits (>2500 ft): ~ 2.0 to 5.0+ in.
Normal (summits at or above normal)

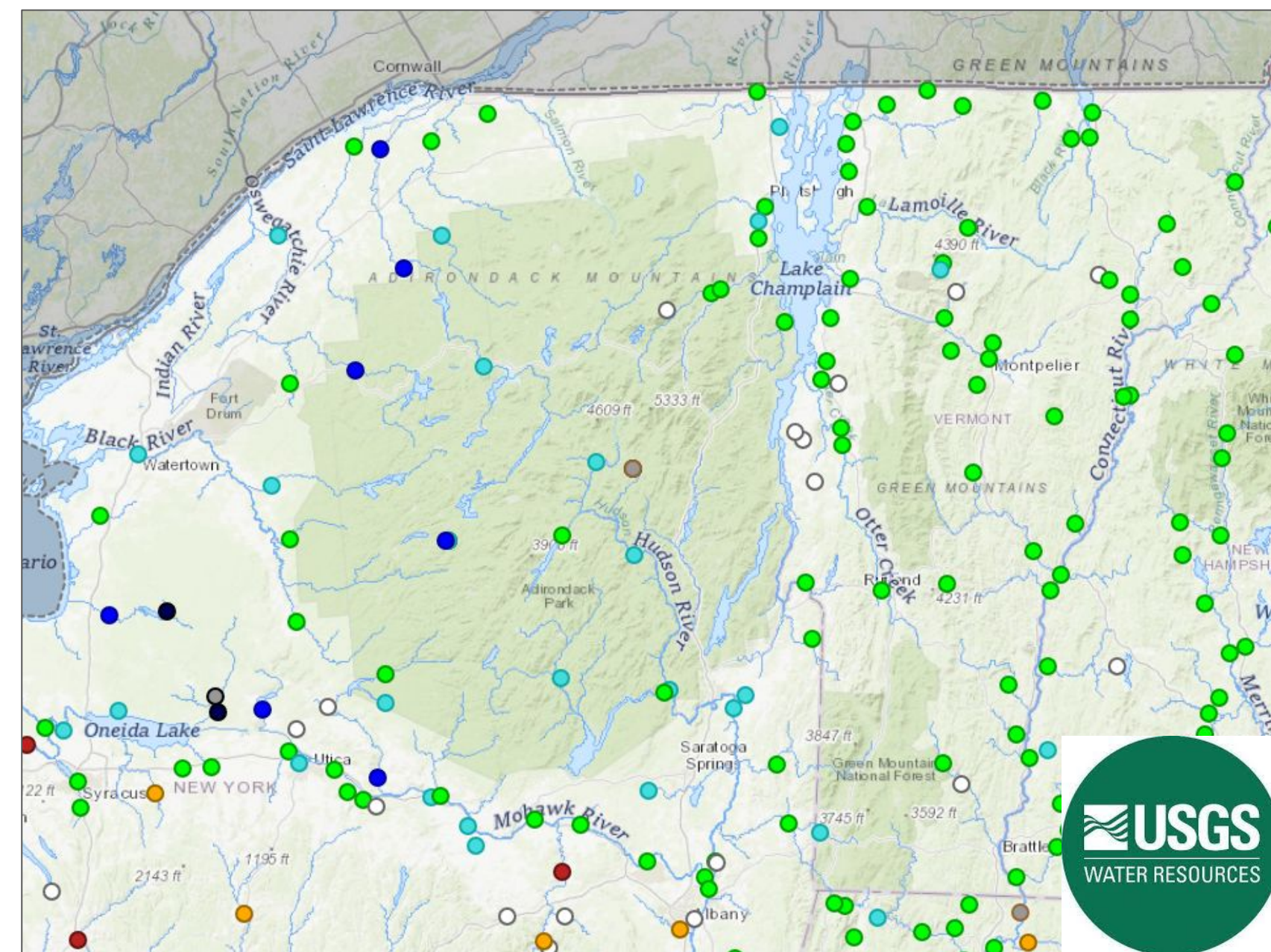




Current Streamflow across VT and NY

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As of April 3, 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
- 100th percentile (maximum)
>90th percentile
76th – 90th percentile
25th – 75th percentile
10th – 24th percentile
<10th percentile
0th percentile (minimum)

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 at or above normal due to recent rainfall and lingering snowmelt (courtesy [USGS Water Dashboard](#))



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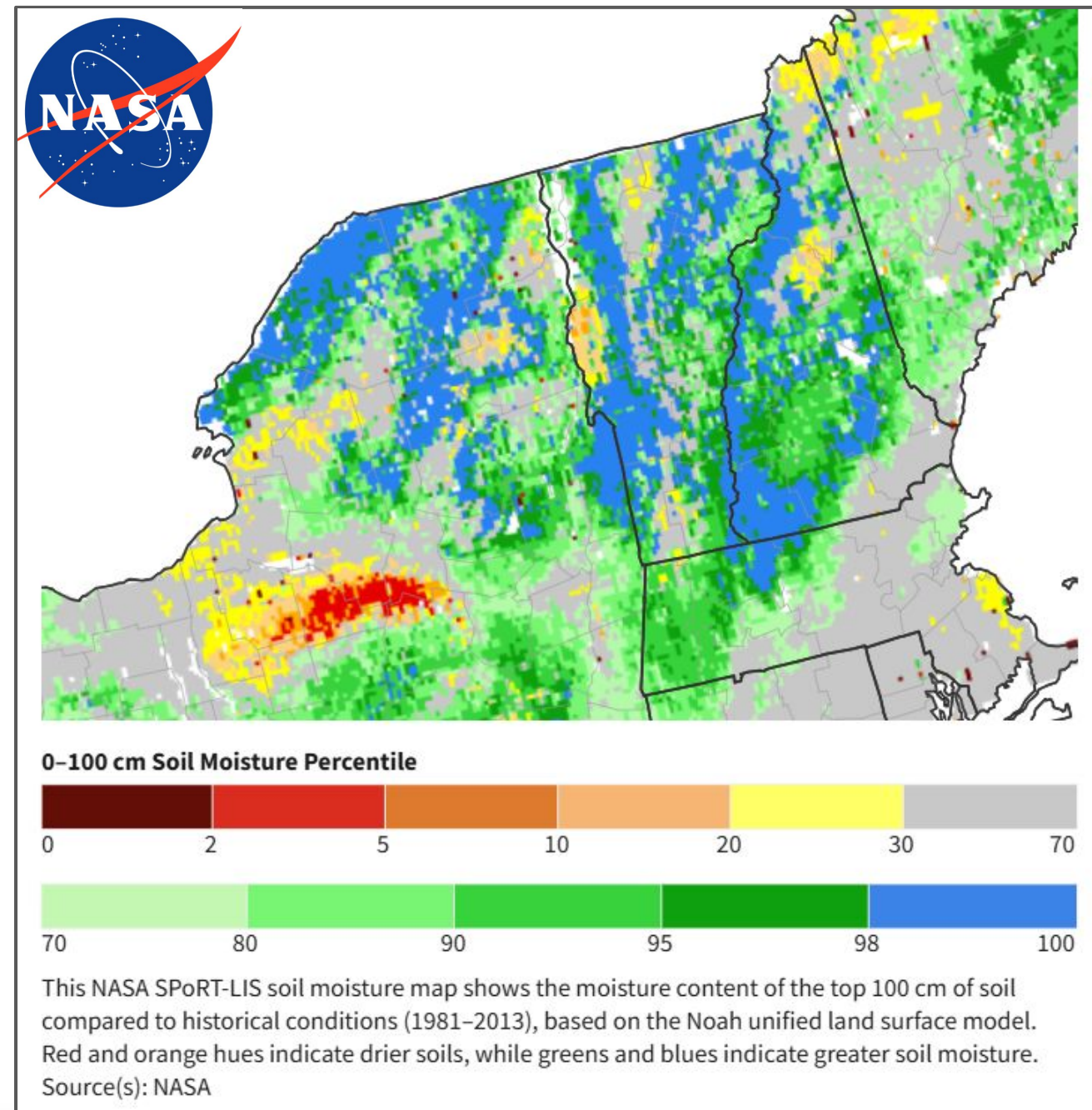


Soil Moisture (0-100 cm)

As of April 3, 2025

April 3, 2025
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- Soil moisture mainly at or above normal due to recent snowmelt and rainfall.
- These values will likely remain near steady state over the next few weeks as near to above normal precipitation is counteracted by drying effects from strong early-spring insolation during rain-free periods.

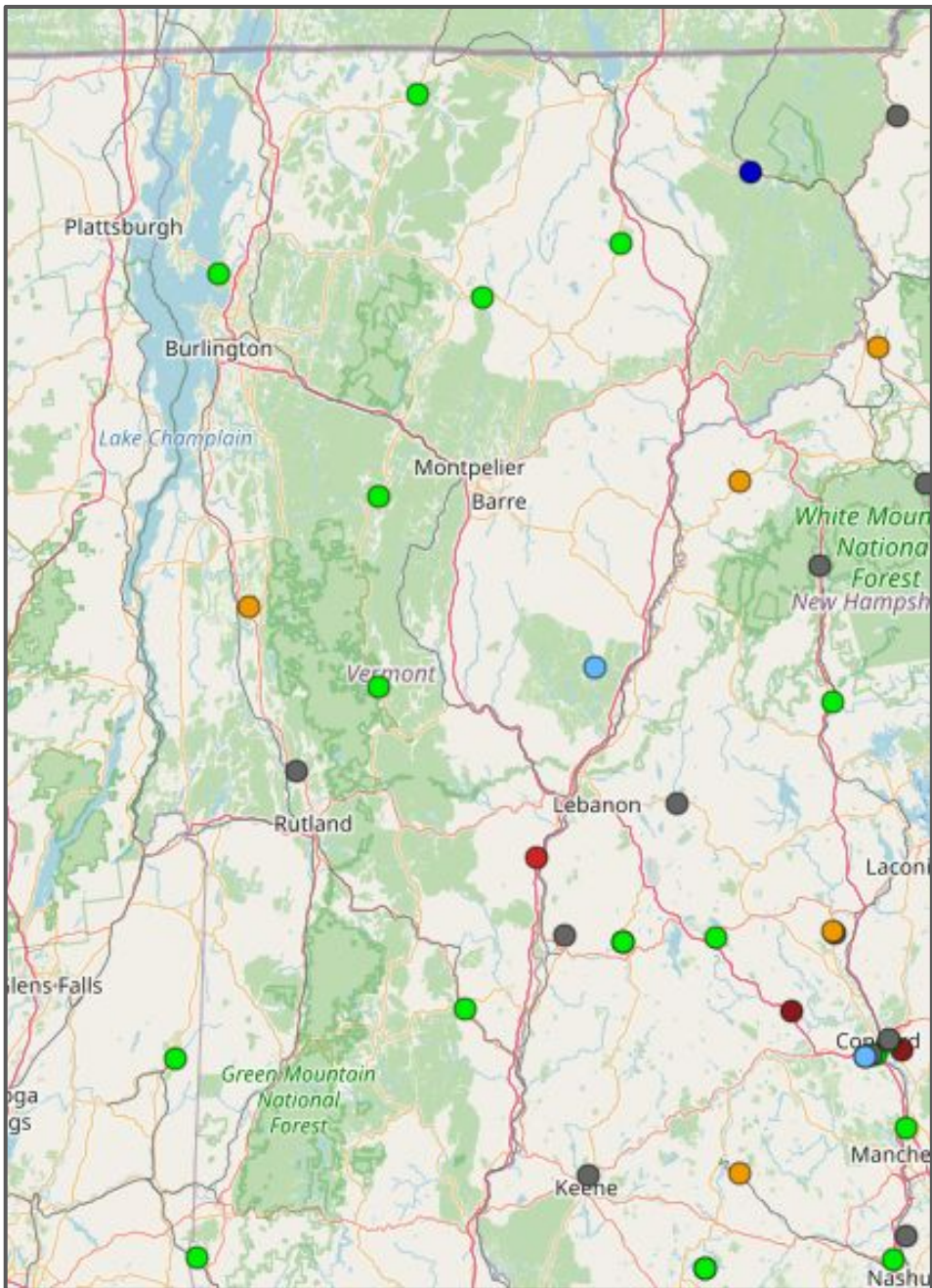
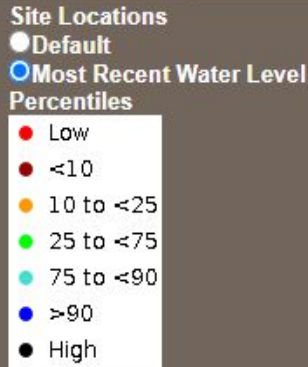
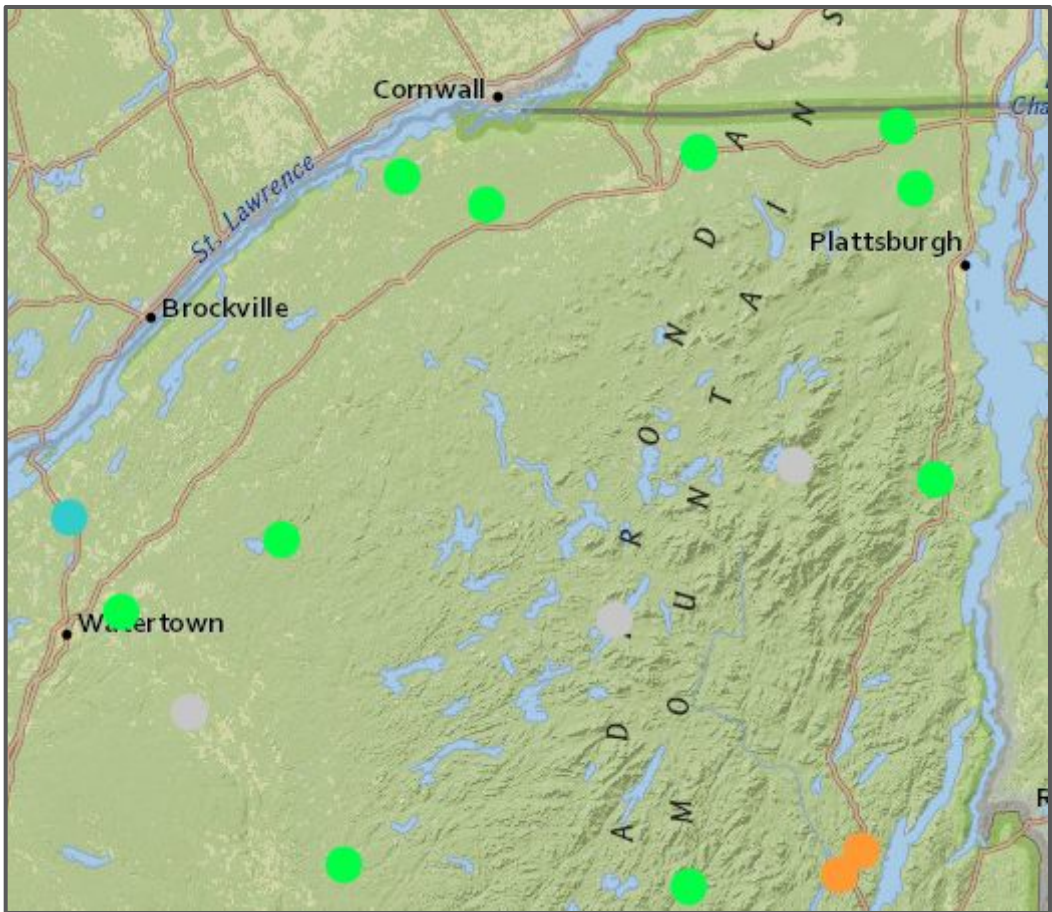




Groundwater Conditions across VT and NY

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As of April 3, 2025



- Currently a mix of above and below normal levels our area (courtesy [USGS via the National Ground-Water Monitoring Network](#))
- Gradual improvement in drier areas expected to continue in the outlook period as moisture in the upper soil layers is transmitted downward.
- No concerns for now.

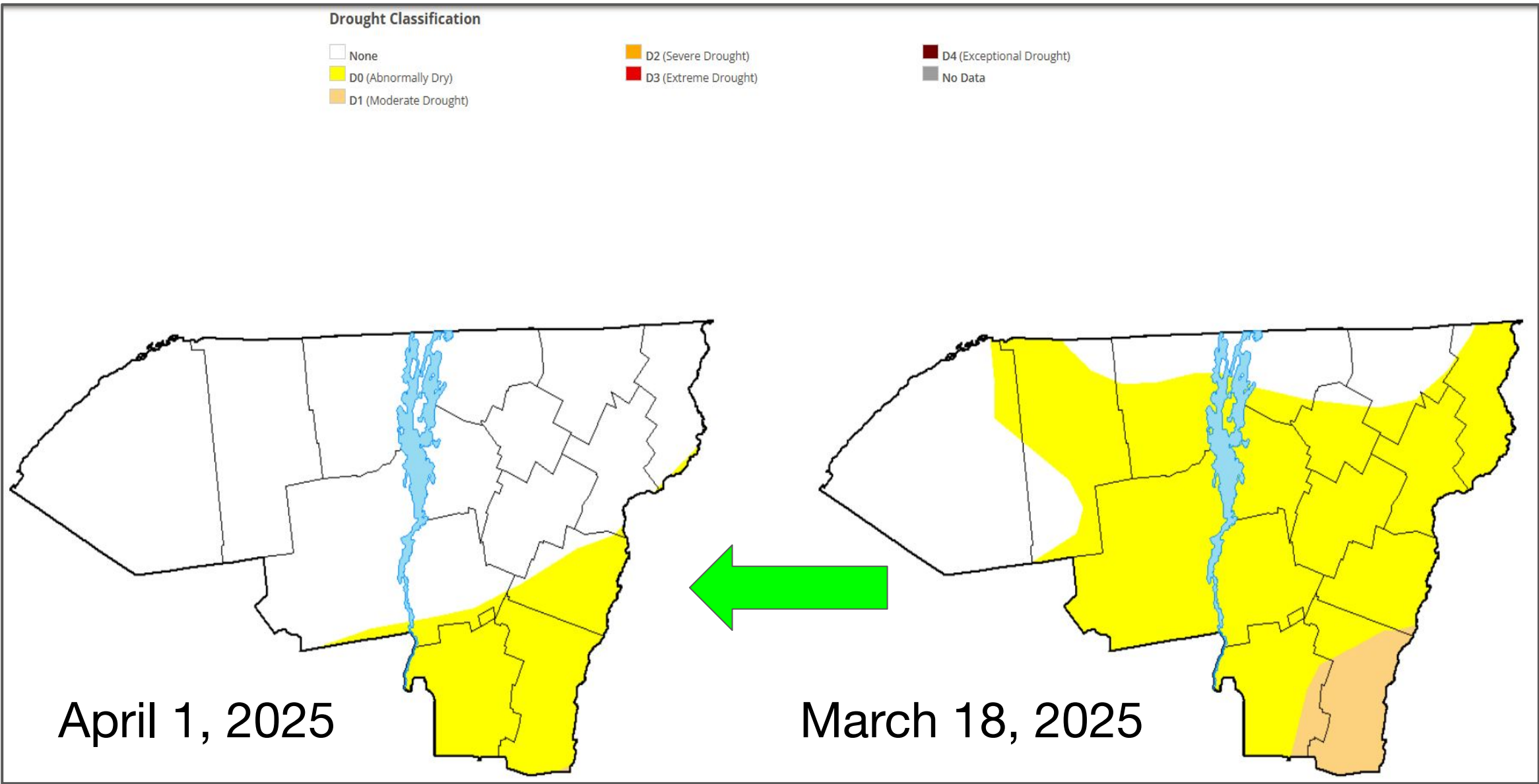




U.S. Drought Monitor

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Significant improvements have occurred



- Soil moisture and stream level recharge continue due to lingering snowmelt and recent rainfall.
- As a result, significant improvements to U.S. Drought Monitor Conditions have occurred over the past two weeks.



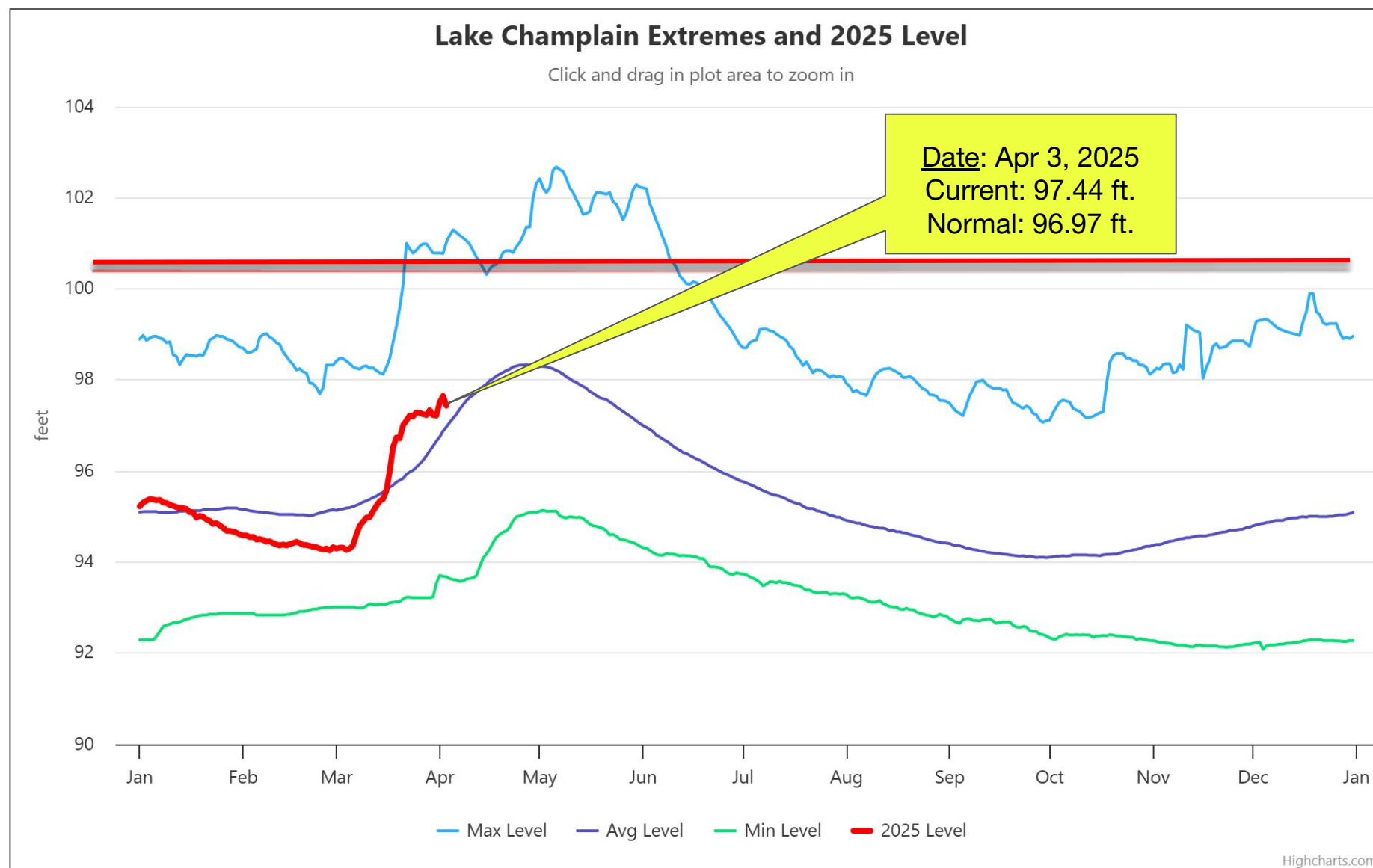


Lake Champlain

Level and overview

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- Enhanced runoff from recent rainfall and snowmelt has pushed lake levels up over 3 feet in the past month.
- Future level heavily reliant on precipitation only from this point forward as snowmelt contribution will be more limited.
- No flooding is currently forecast.





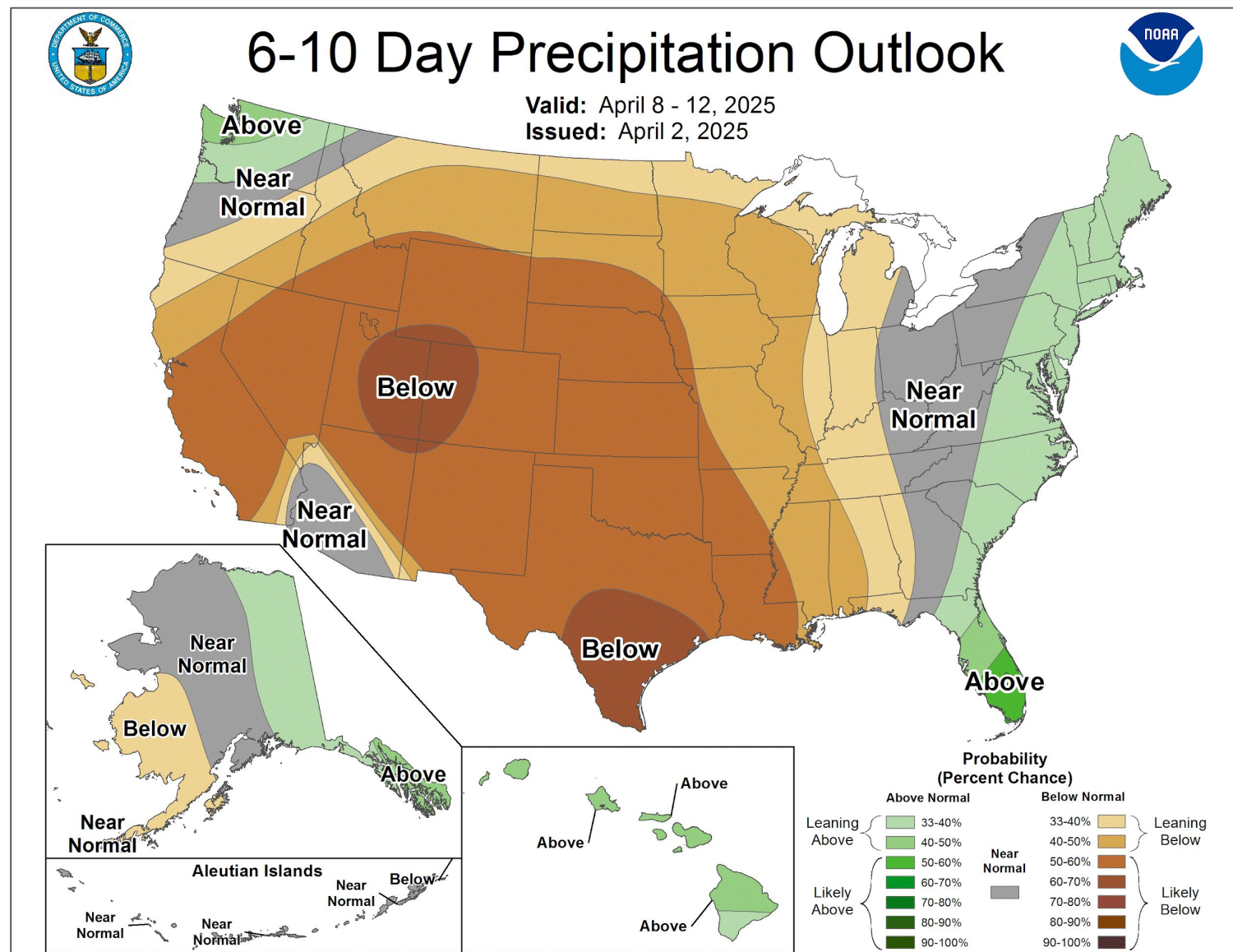
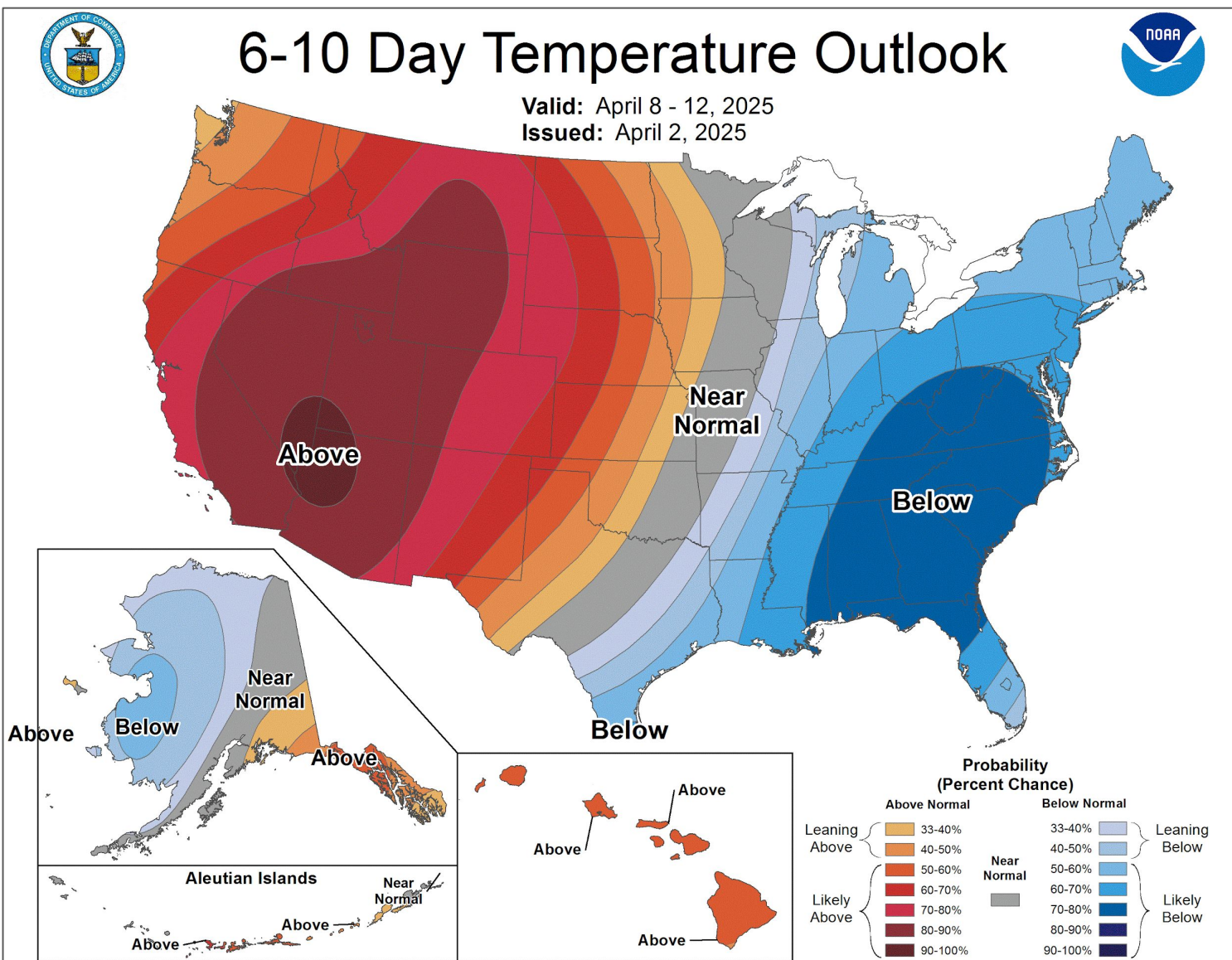
6-10 Day Outlooks

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Normal Early April Temperatures: **Highs:** Mid 40s to lower 50s **Lows:** Low 20s to Mid 30s

TEMPERATURE: Below Normal

PRECIPITATION: Near to Slightly Above Normal



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Contact and Next Briefing Information

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For northern New York and all of Vermont

Contact Information

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Next Briefing: Issued every two weeks

- Thursday, April 17, 2025
- Method: Sent via email by 5 pm

Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: Wednesday, April 16, 2025

