

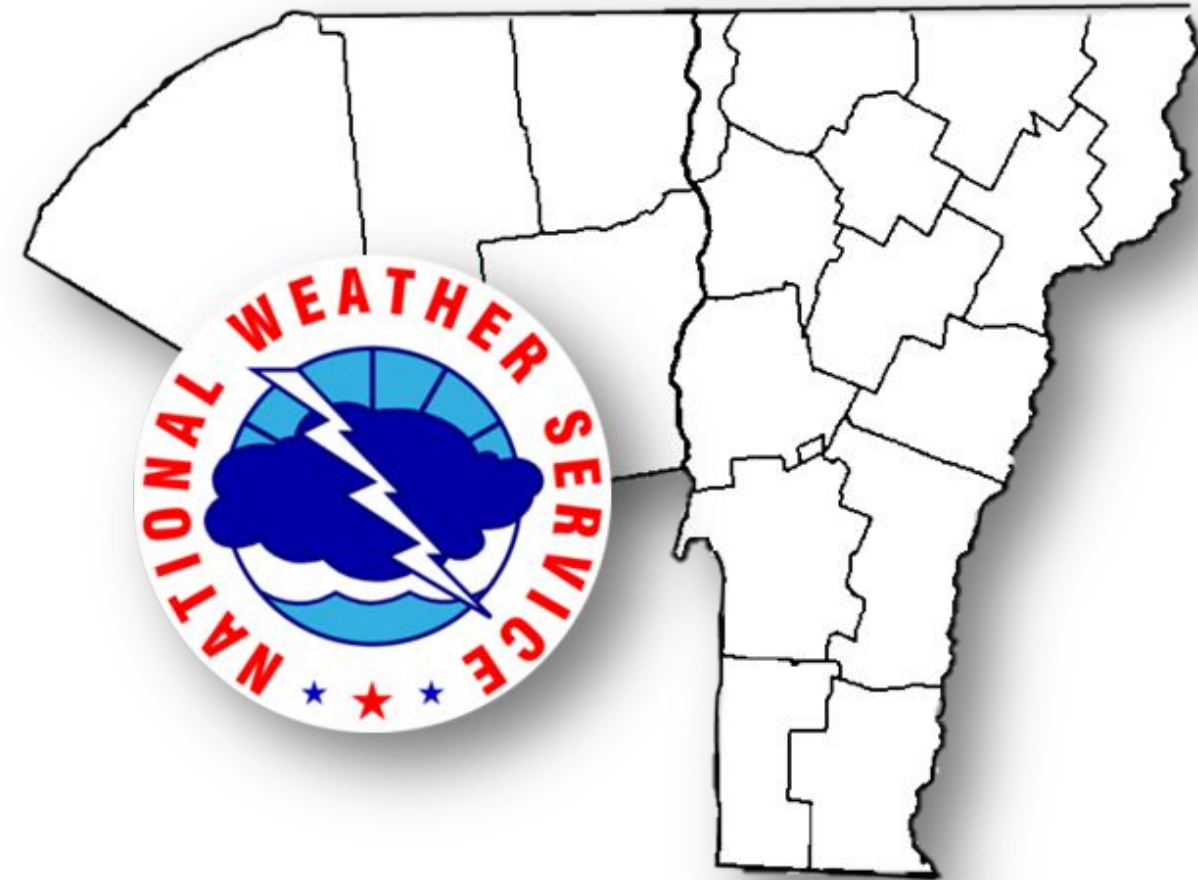


# NWS Burlington: Winter/Spring Flood Outlook #8

April 17, 2025  
12:12 PM

For northern New York and all of Vermont

**Valid: April 17 - 30, 2025**  
**FINAL WINTER/SPRING FLOOD**  
**OUTLOOK BRIEFING**



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

National Weather Service  
Burlington, VT



# Overview

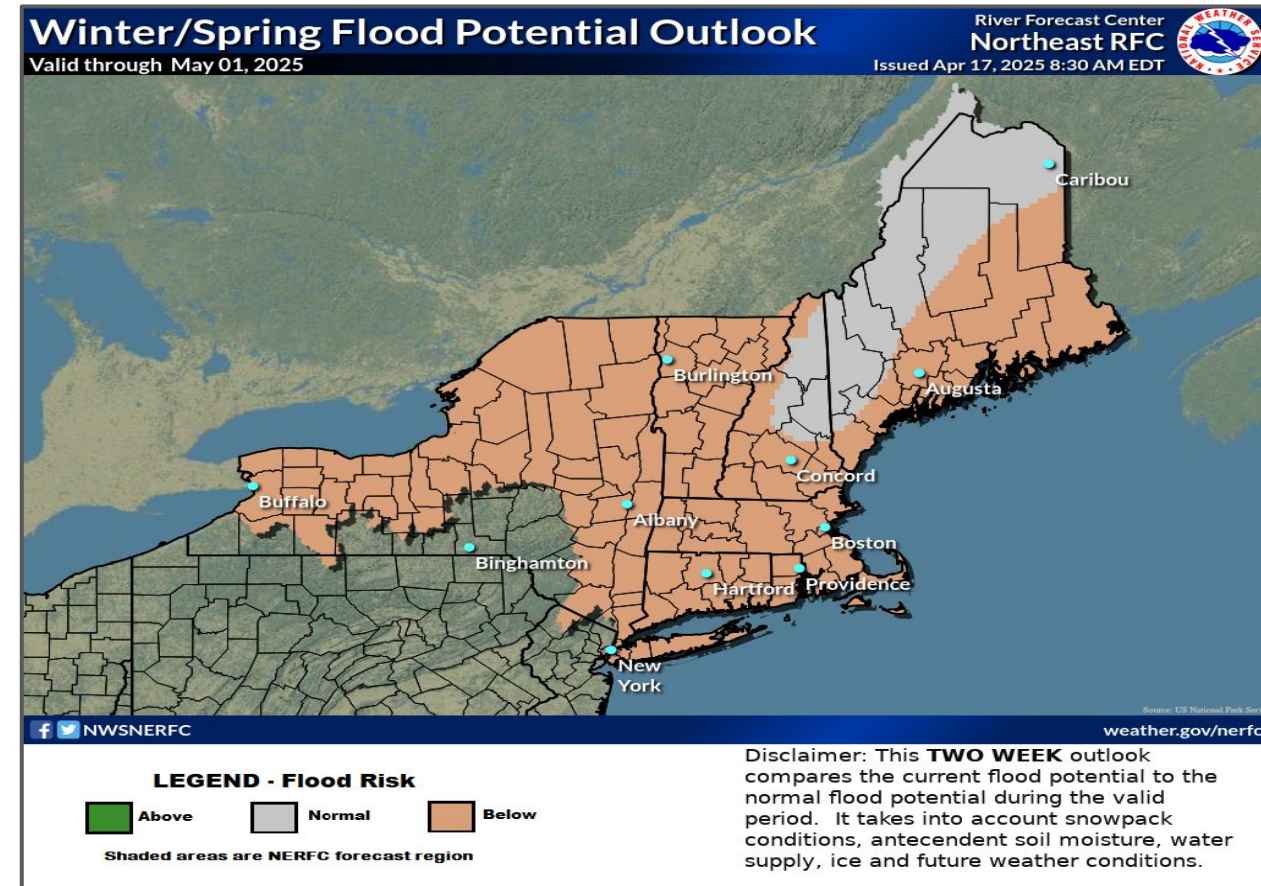
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## OVERVIEW/TAKEAWAYS:

- The open water flood potential is **Below Normal** for all of Vermont and Northern New York over the next two weeks.
- The extant snowpack at or above 2,000 feet has continued to slowly melt over the past two weeks. Only minimal additional contributions to river levels from snowmelt are expected going forward into late April.
- On average, above normal temperatures and near normal precipitation are expected over the next two weeks. This should fall largely as intermittent periods of showers.
- The bullets above, in addition to near or slightly below normal streamflows across our region warrant a **Below Normal Flood Risk** for the outlook period as a whole.

<b>HAZARDS &amp; IMPACTS</b>	<ul style="list-style-type: none"> <li>▪ There are no hydrological hazards or impacts currently in effect, or forecast to occur across the area. Current streamflows are at or slightly below normal. Lake Champlain at near normal level.</li> </ul>	
<b>OUTLOOK CHALLENGES</b>	<ul style="list-style-type: none"> <li>▪ An active, but relatively quiet early spring hydrological weather pattern is expected through the outlook period. While there will be intermittent periods of showers, no heavy rainfall events are forecast at this time.</li> </ul>	
<b>ADDITIONAL INFORMATION</b>	<ul style="list-style-type: none"> <li>▪ <b>Recent precipitation:</b> Near to above normal</li> <li>▪ <b>Snow cover:</b> Near normal at higher elev.</li> <li>▪ <b>Snow water equivalent:</b> Near normal</li> <li>▪ <b>River levels:</b> At or slightly below normal</li> </ul>	<ul style="list-style-type: none"> <li>▪ <b>Soil moisture:</b> Mainly near to above normal</li> <li>▪ <b>Groundwater:</b> Variable</li> <li>▪ <b>Temperature outlook:</b> Above normal for the outlook period as a whole</li> <li>▪ <b>Precipitation outlook:</b> Near normal for the outlook period as a whole</li> </ul>

FLOOD POTENTIAL	REGIONS
Above	None
Normal	None
Below	All of Vermont & northern New York
Final Briefing	--





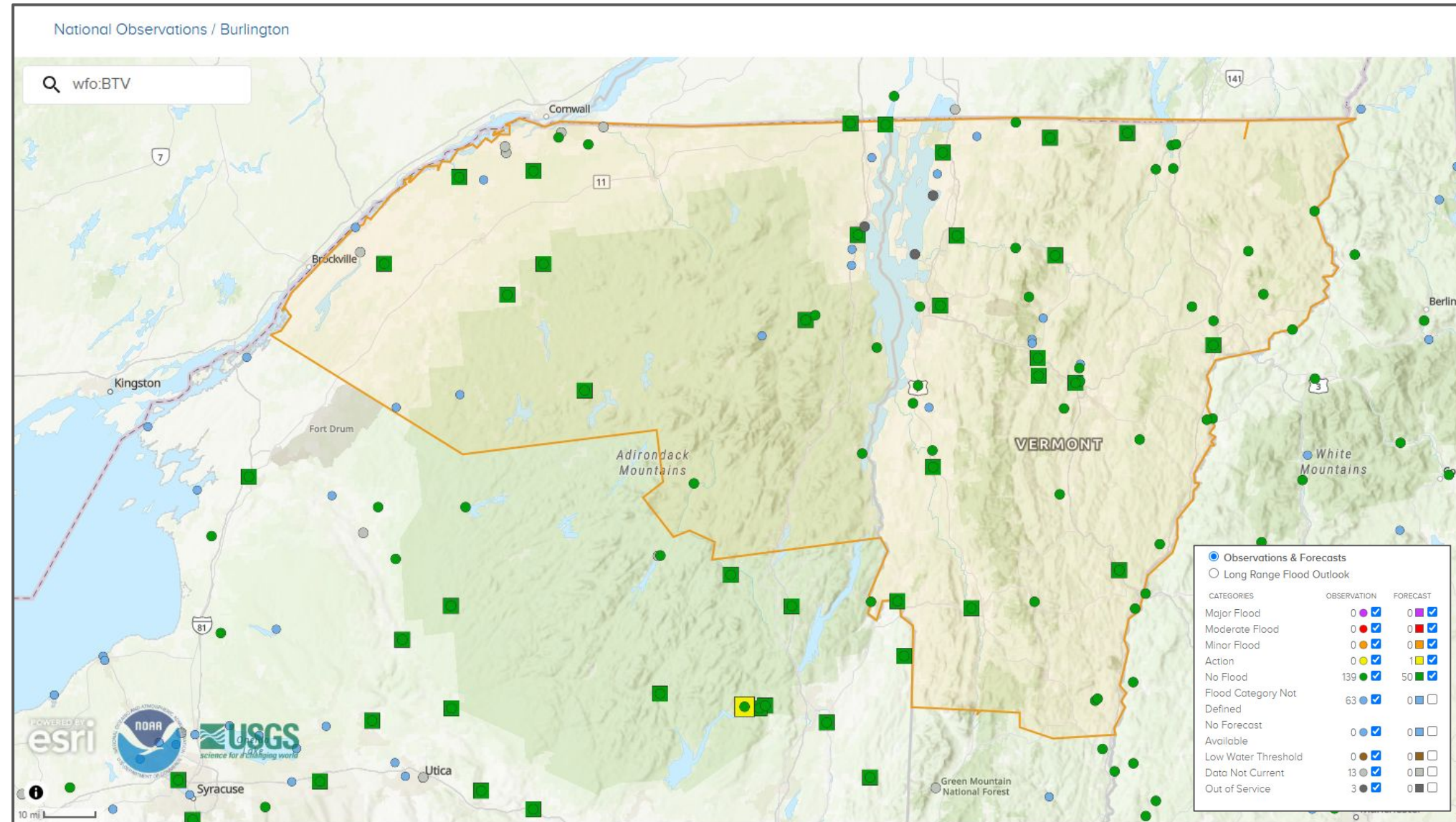


# Current River Levels and Forecasts

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As of April 17, 2025

- All gauged rivers/streams are below flood stage and no flooding is forecast.
- Please go to [water.noaa.gov/wfo/btv](https://water.noaa.gov/wfo/btv) for the latest river observations and forecasts







# Snowpack Data for April 16, 2025

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Snowpack has largely melted below 2,000 feet

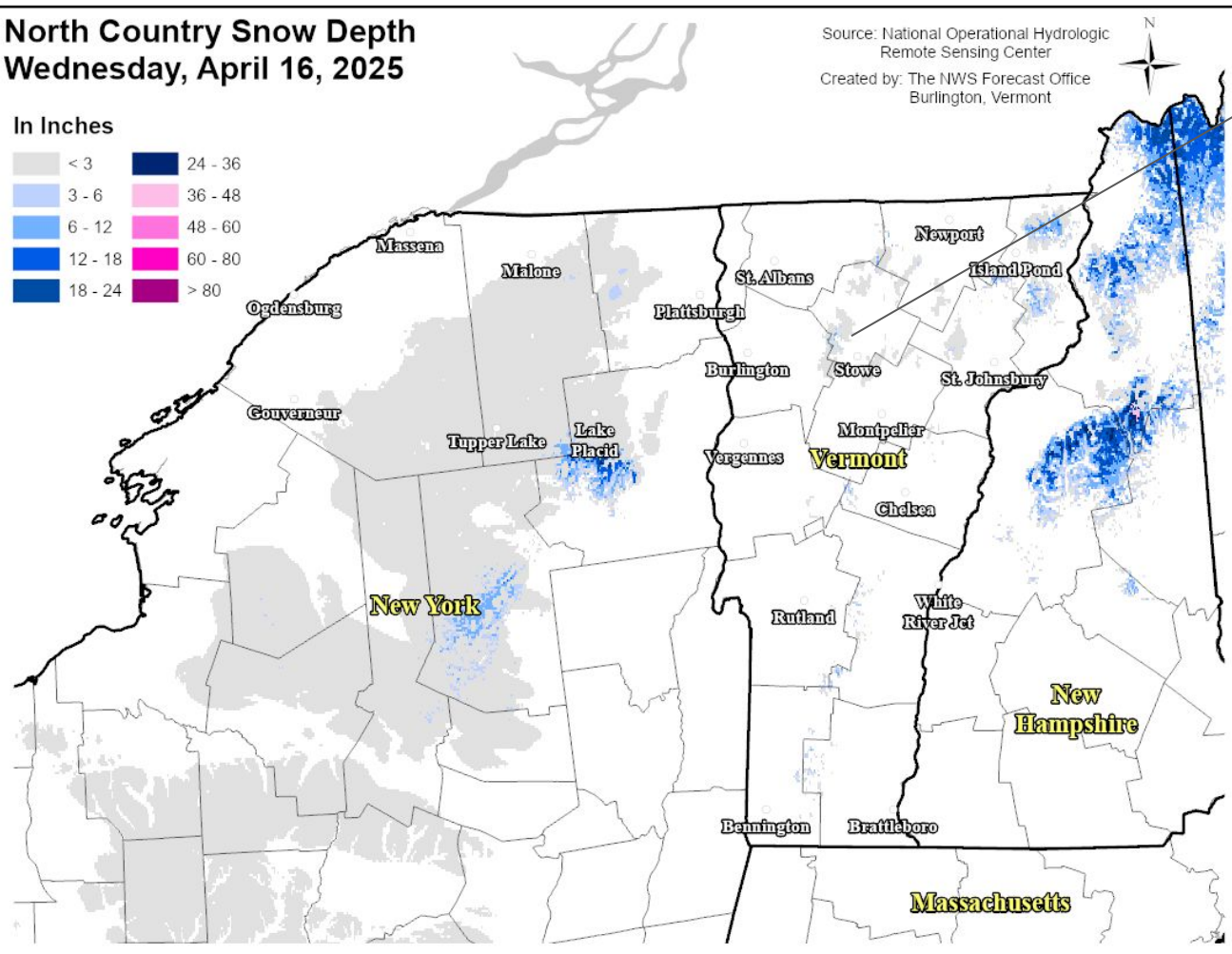
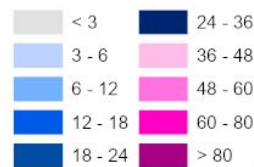
## Snow Depths

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 2 ft.+  
**Normal (summits at or above normal)**

## North Country Snow Depth Wednesday, April 16, 2025

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

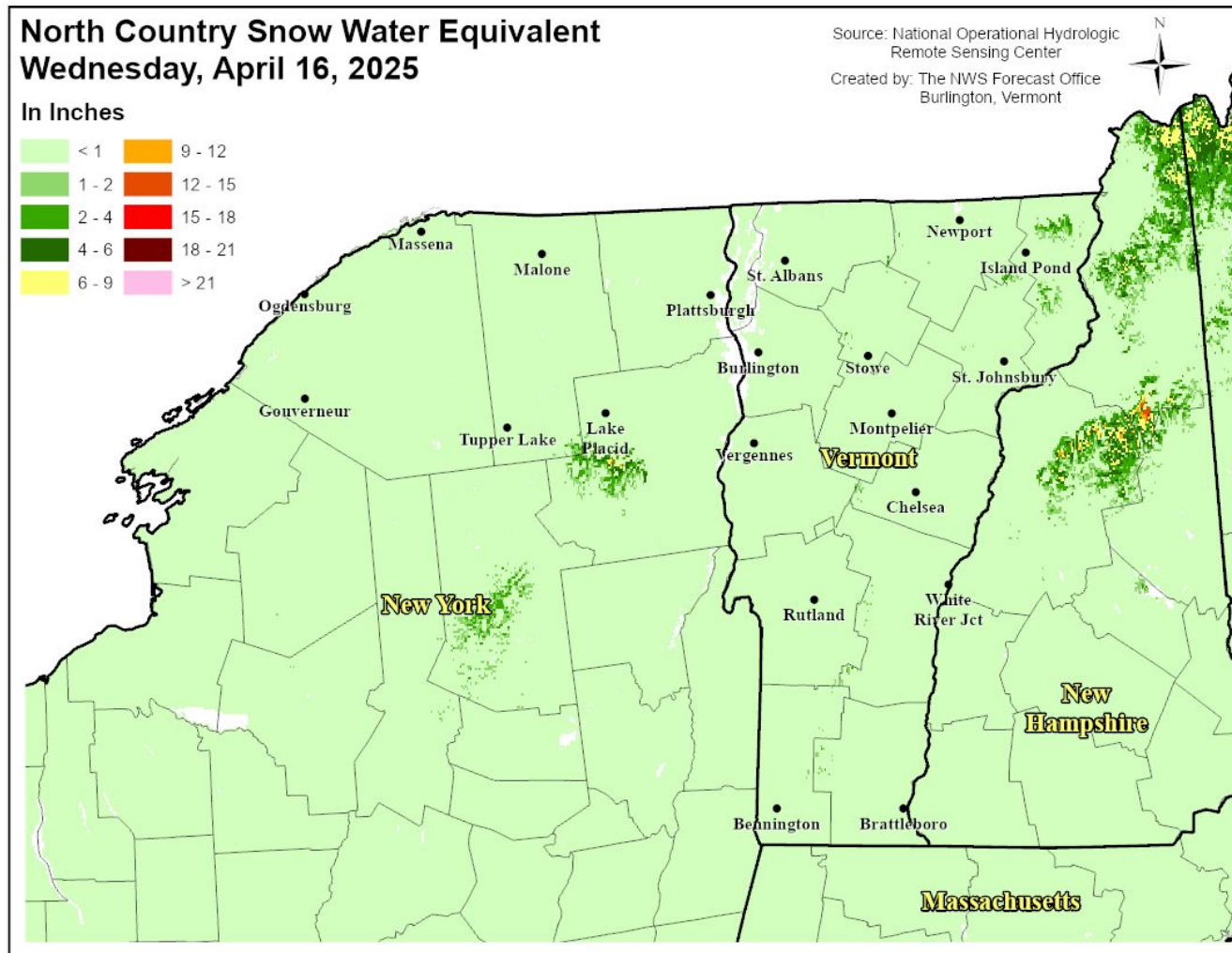
In Inches



## North Country Snow Water Equivalent Wednesday, April 16, 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: 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)**

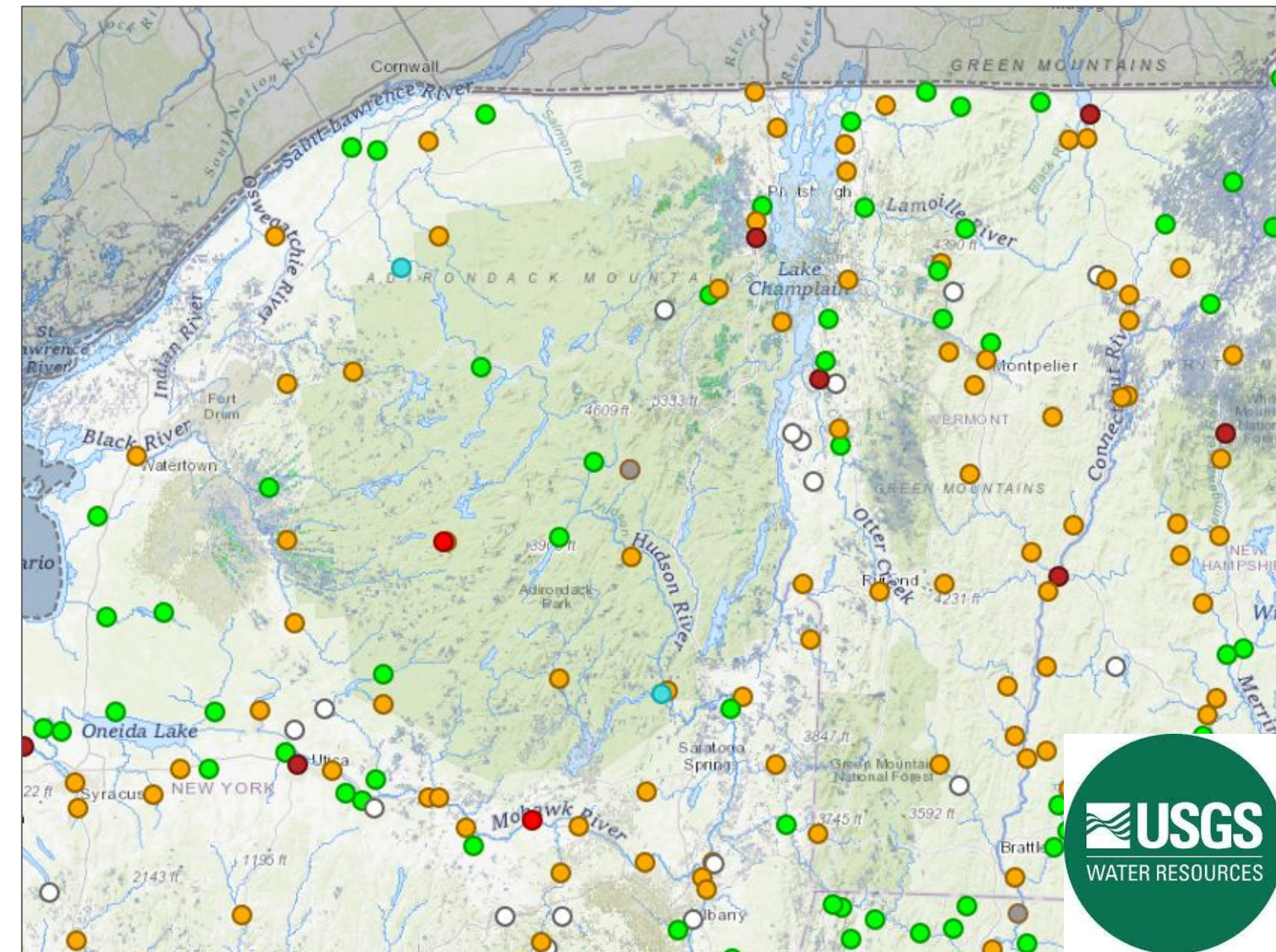




# Current Streamflow across VT and NY

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As of April 17, 2025



**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](#)

- Flows mainly at or below normal as recent recharge from March snowmelt has waned. No overall concerns for now.
- (Data courtesy [USGS Water Dashboard](#))



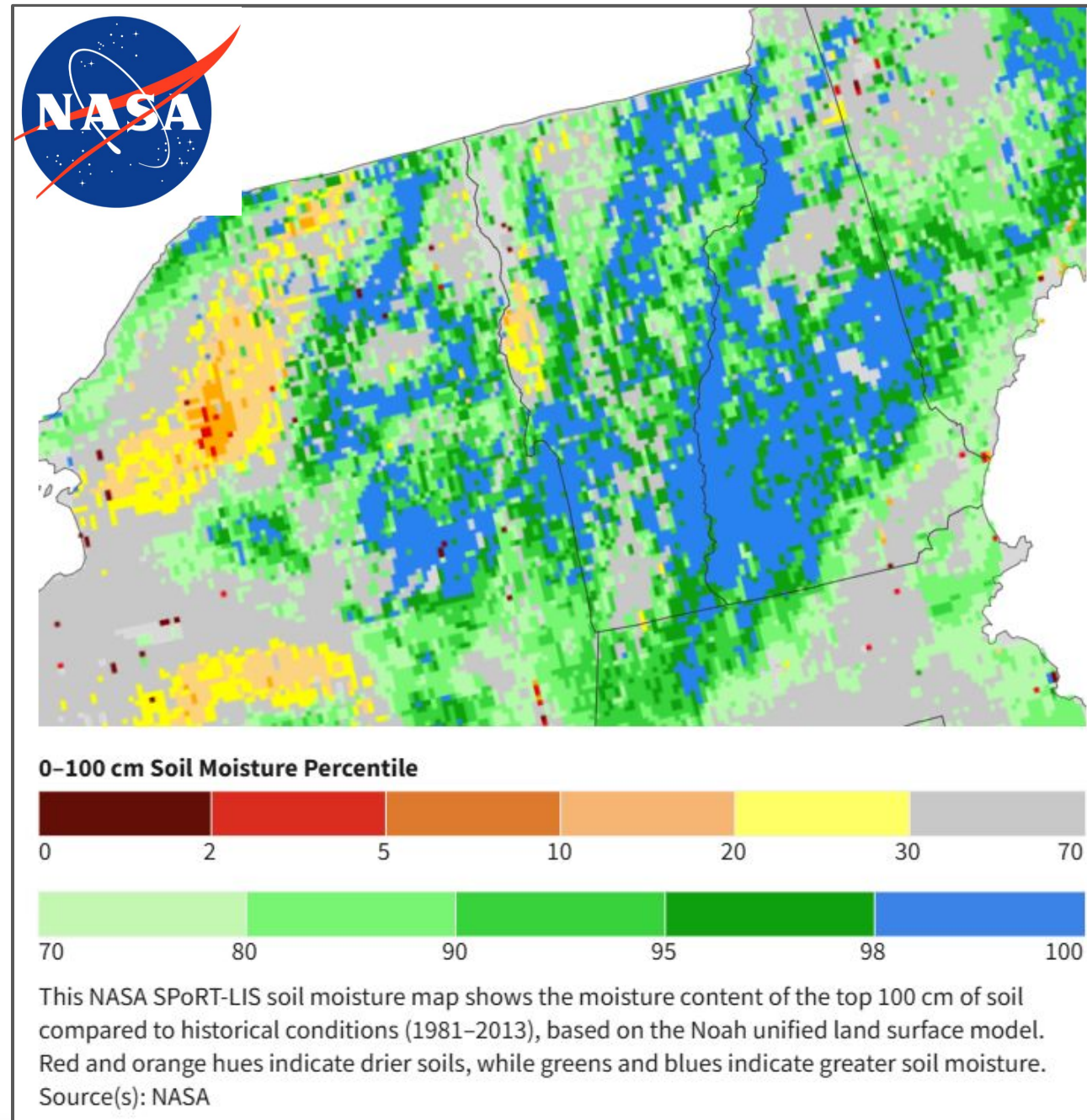


# Soil Moisture (0-100 cm)

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As of April 17, 2025

- Top layer (0-100 cm) soil moisture mainly at or above normal due to recent snowmelt and rainfall.
- These values will likely remain near steady state or dry out slightly over the next few weeks as near normal precipitation is counteracted by drying effects from strong early-spring insolation during rain-free periods.



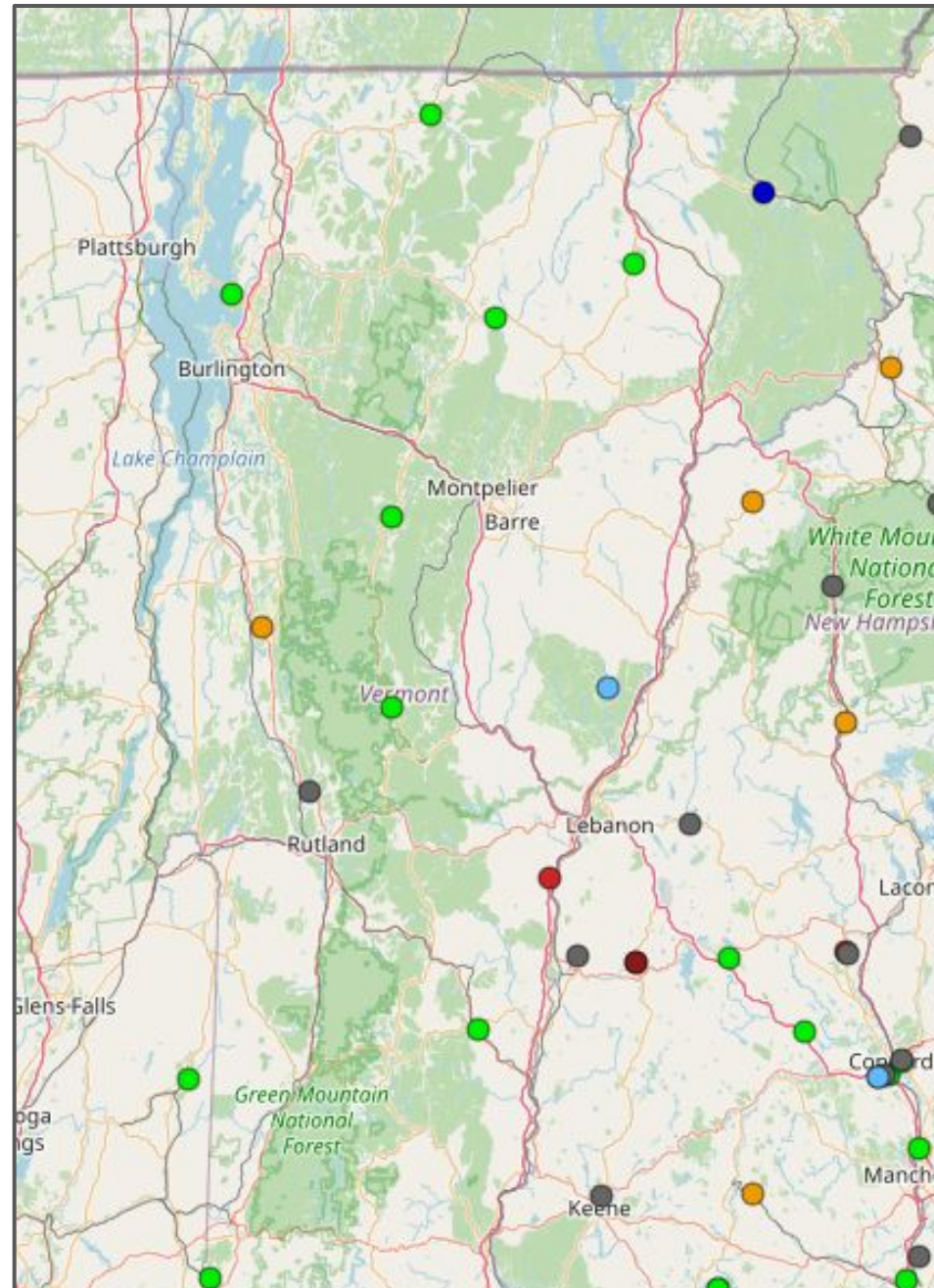
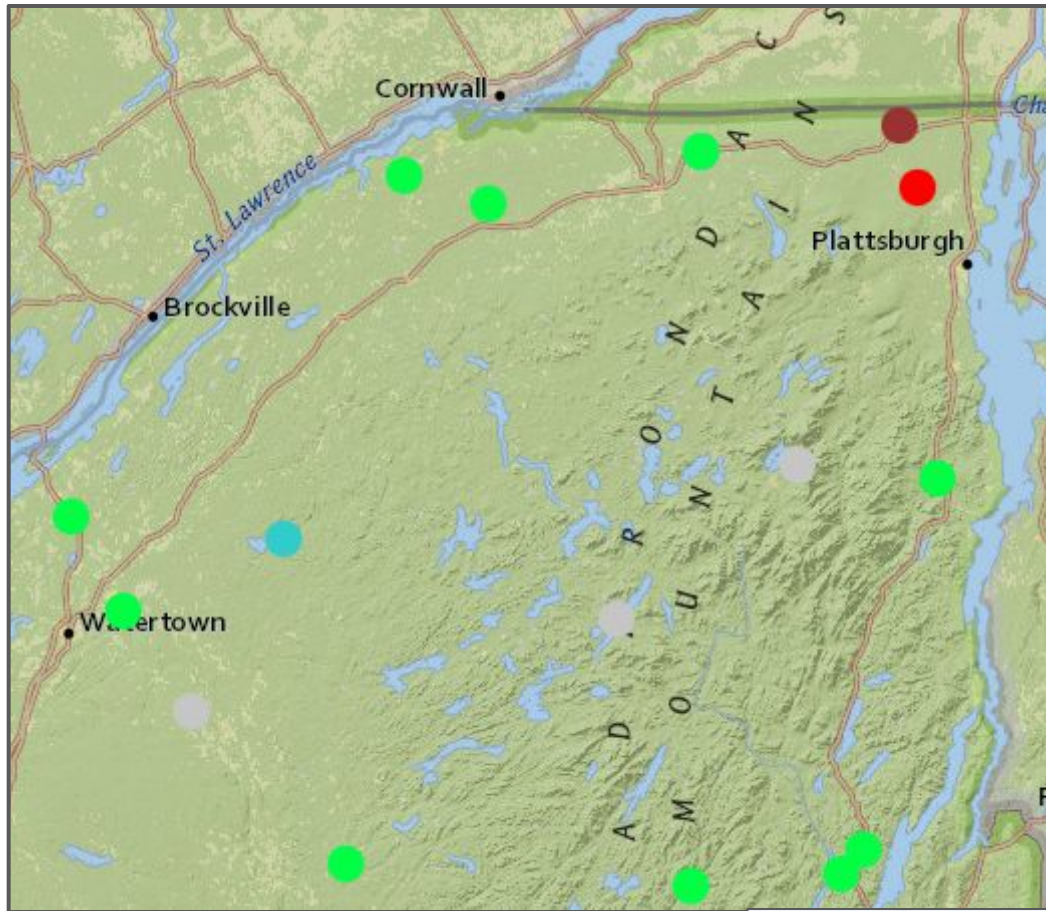




# Groundwater Conditions across VT and NY

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As of April 17, 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.

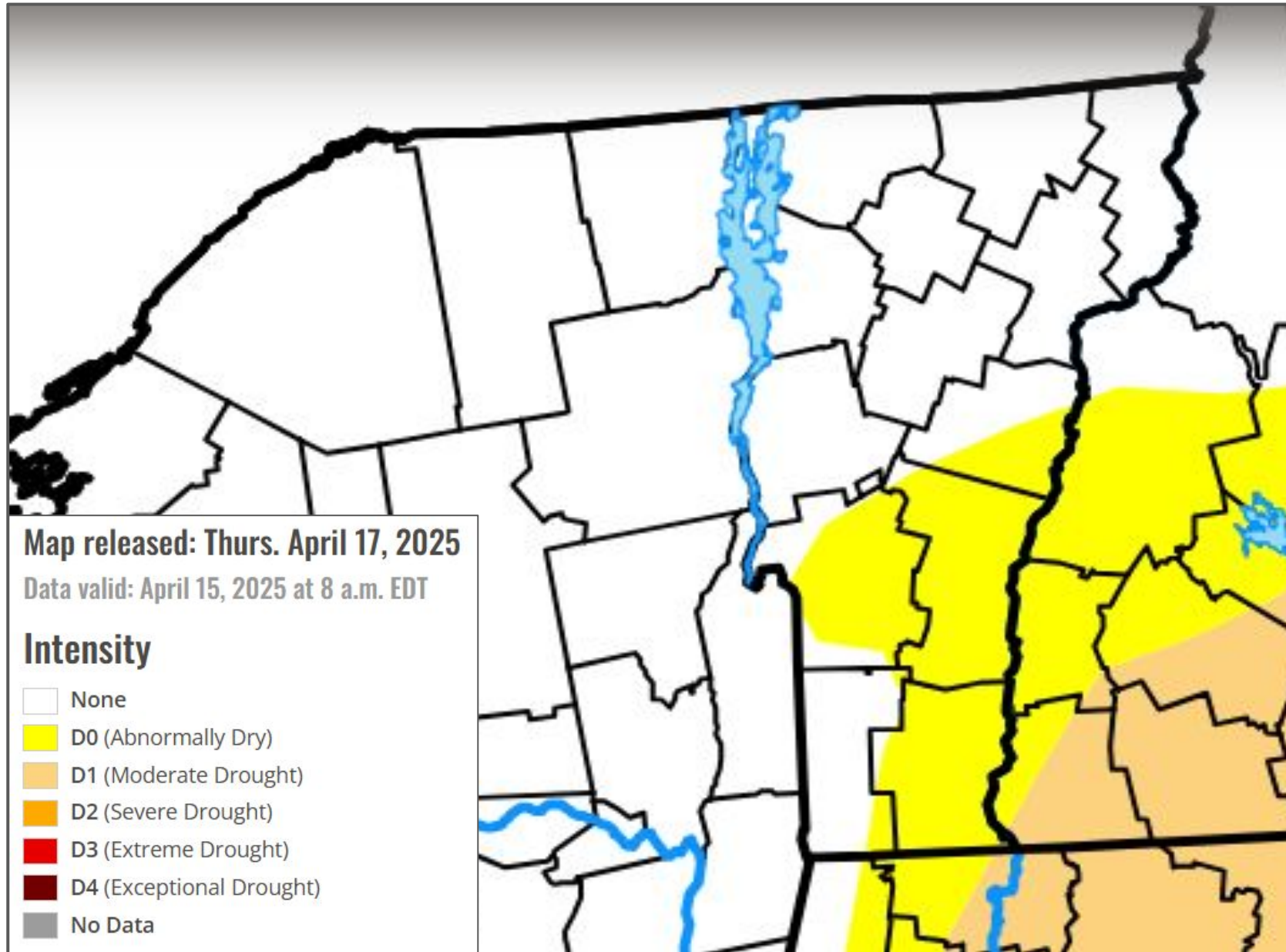




# U.S. Drought Monitor

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Significant improvements have occurred



- Soil moisture recharge continues along with recent normal precipitation.
- As a result, only portions of south central and southeastern Vermont remain in abnormally dry conditions as of April 17, due primarily to longer term 60-90 day dryness.



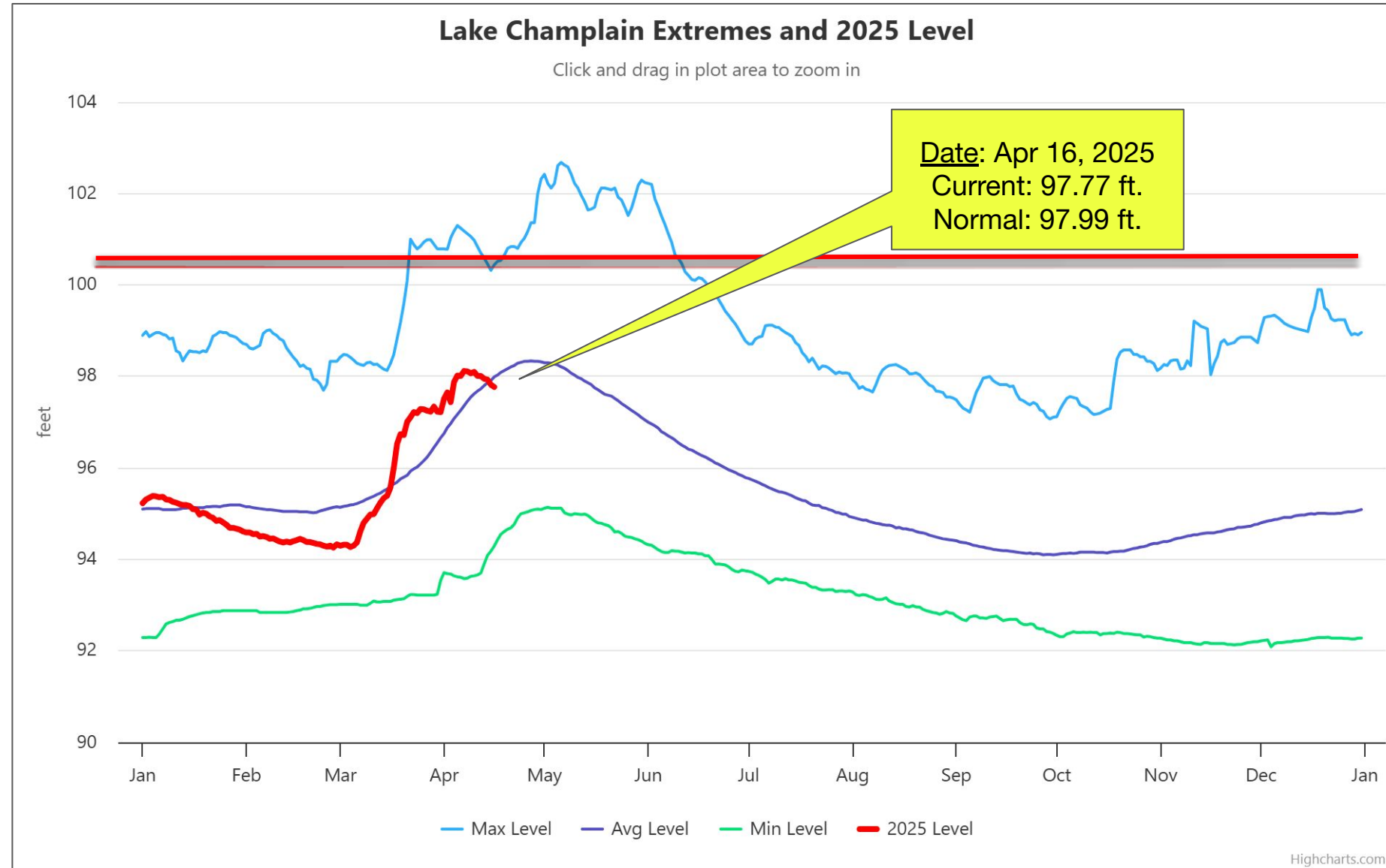


# Lake Champlain

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## Level and overview

- Lake now peaking near seasonal normal spring max levels from recent precipitation and snowmelt.
- No concerns for now and no flooding is currently forecast.





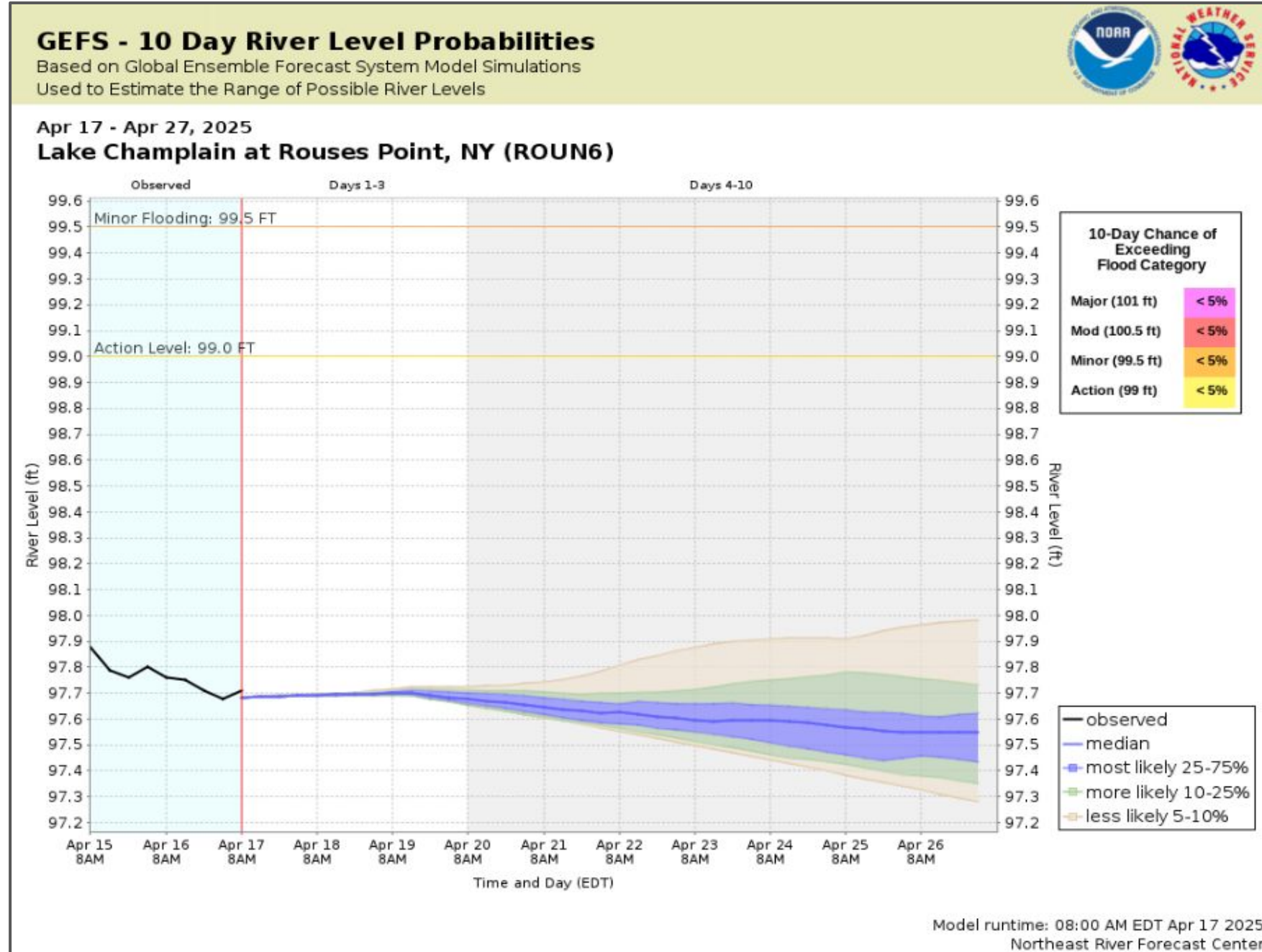


# Lake Champlain

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## Level and overview

- Future lake levels largely dependent on future precipitation going forward but climatology suggests a steady state or slow fall from this point forward.







# 6-10 Day Outlooks

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Normal Mid to Late April Temperatures: **Highs: 50s** **Lows: 30s**

**TEMPERATURE: Above Normal**

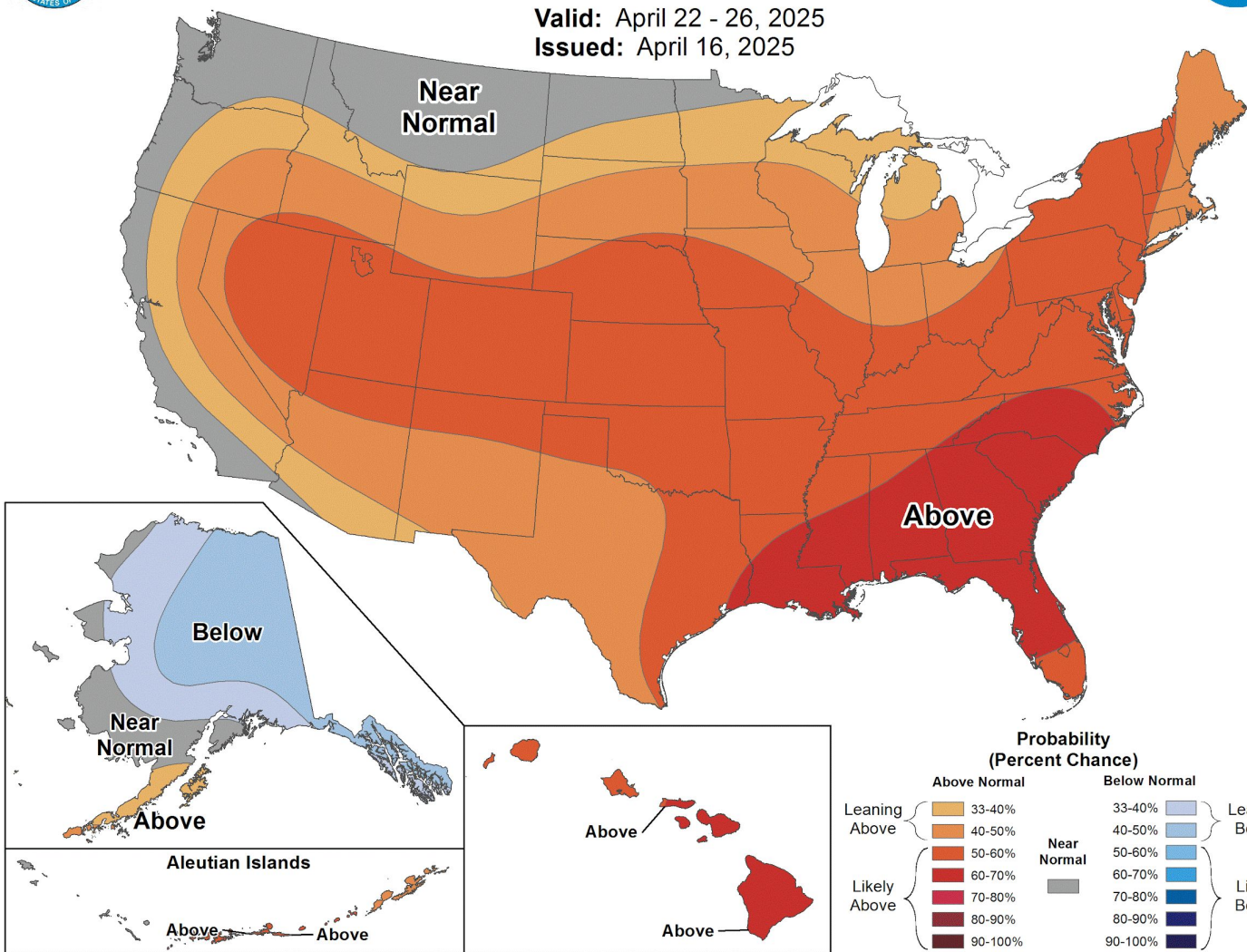
**PRECIPITATION: Near Normal**



## 6-10 Day Temperature Outlook



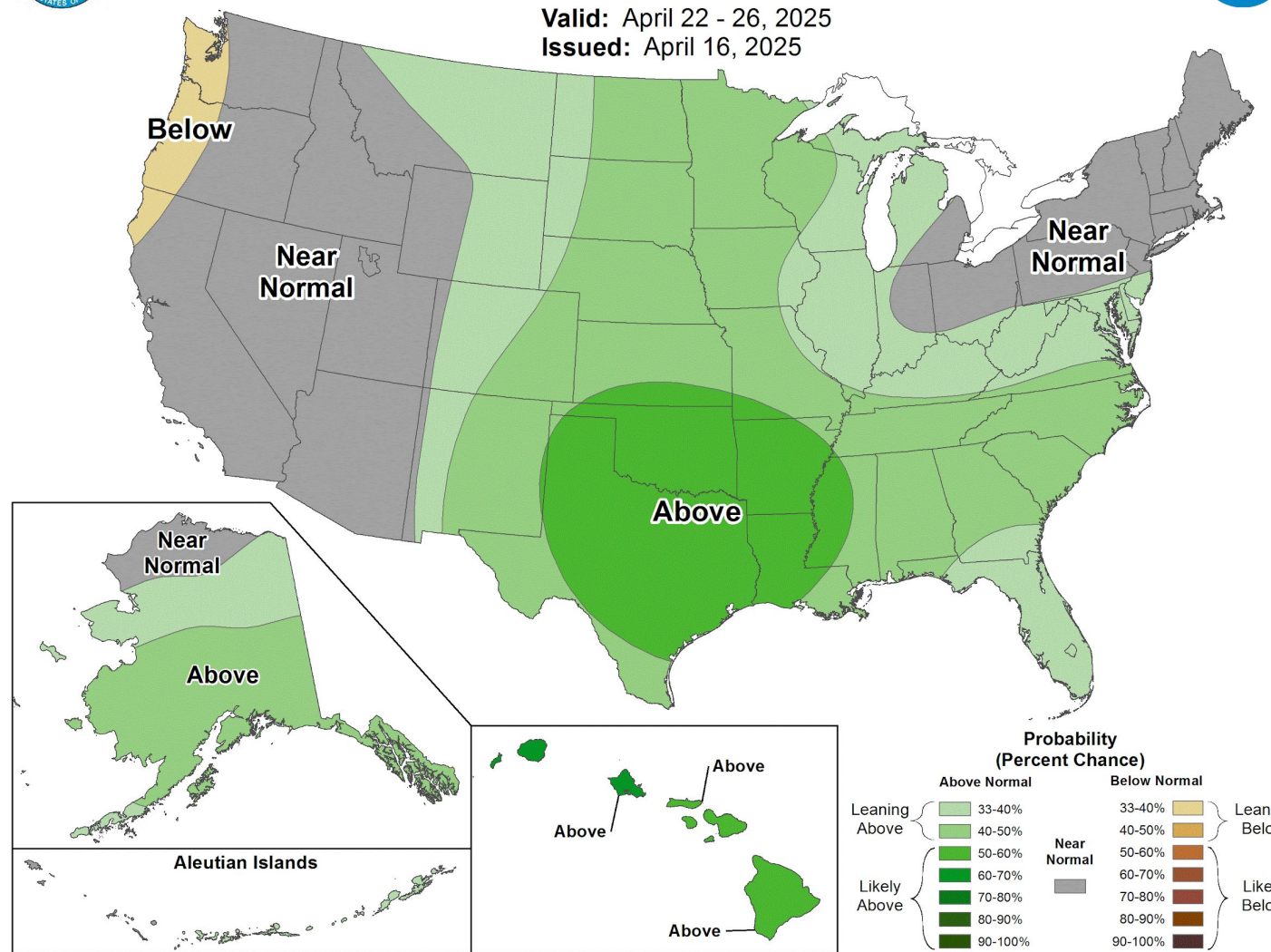
Valid: April 22 - 26, 2025  
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## 6-10 Day Precipitation Outlook



Valid: April 22 - 26, 2025  
Issued: April 16, 2025







# Contact and Next Briefing Information

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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

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



**THIS IS THE FINAL WINTER/SPRING  
FLOOD OUTLOOK FOR THE SEASON**

## Disclaimer



Information contained in this briefing is time-sensitive  
Do Not Use After: Wednesday, April 30, 2025

