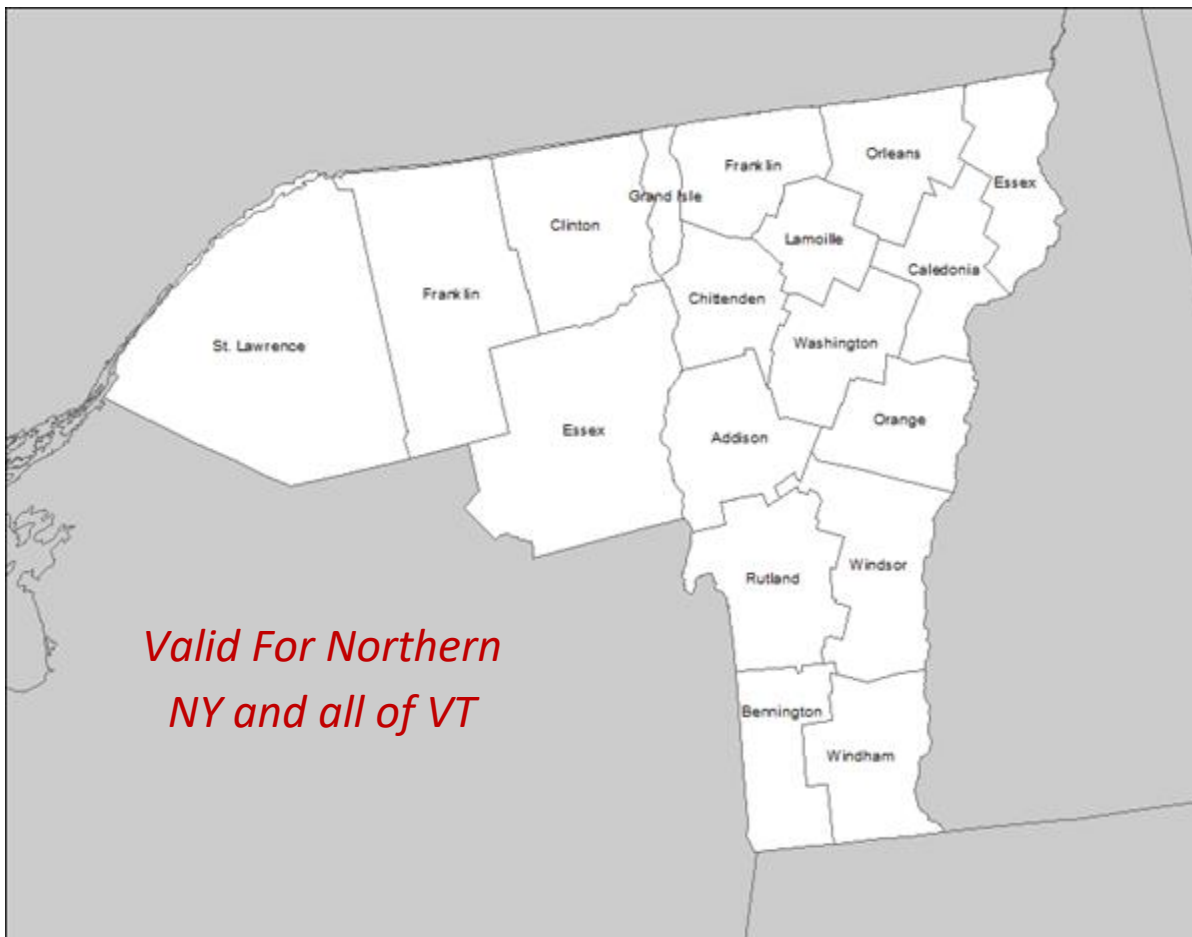




NWS Burlington Winter/Spring Flood Outlook

Valid April 11 to 25, 2024



This brief is to provide graphical representation of the local Winter/Spring Flood Potential Outlook product issued today.

Local BTV Text Product - <https://w1.weather.gov/data/BTV/ESFBTV>



Overview

OVERVIEW/TAKEAWAYS:

- **The open water flood potential is below normal for the St Lawrence Valley and northwestern Adirondacks. The flood potential is near normal across the rest of the region. The threat of flooding due to ice jams has passed for the 2023-2024 season.**
- The snowpack remains below normal across most of the region in spite of the recent heavy snow event. Meanwhile, river flows and soil moisture are near to above normal. Snow cover and snow water content are currently below normal in all areas.
- On average, near normal temperatures and above normal precipitation are expected, with a turn toward warmer and drier weather at the end of the two week period.

[Link to Detailed BTV Spring Flood Outlook](#) [Link to NERFC Spring Flood Outlook](#)

HAZARDS & IMPACTS

- Currently, no flood impacts are expected through the two week period.
- Some elevated flows through Sunday for Rutland, Windsor, Bennington and Windham Counties. (see **red circle** on map)

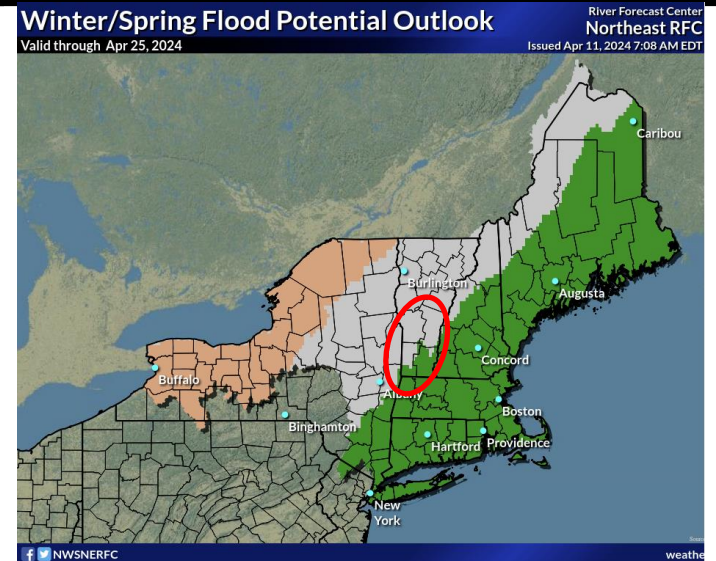
OUTLOOK CHALLENGES

- No large scale systems expected to impact the region after rain system moves through Friday night. Trends will continue to be monitored.

ADDITIONAL INFORMATION

- **Recent precipitation:** Near to above normal
- **Snow cover:** Below normal
- **Snow water equivalent:** Below normal
- **River levels:** Near to above normal
- **Soil Moisture:** Near to above normal
- **Groundwater:** Above normal
- **Temperature outlook:** Above normal
- **Precipitation outlook:** Above normal

Flood Potential	Regions
Above	Southern Vermont
Normal	Northeastern Adirondacks, Champlain Valley, & most of Vermont
Below	St. Lawrence Valley & northwestern Adirondacks in NY
Next Briefing	April 25, 2024





Snowpack Data for April 11, 2024

Snow Depths

Champlain, CT and St. Lawrence Valleys: **bare ground**

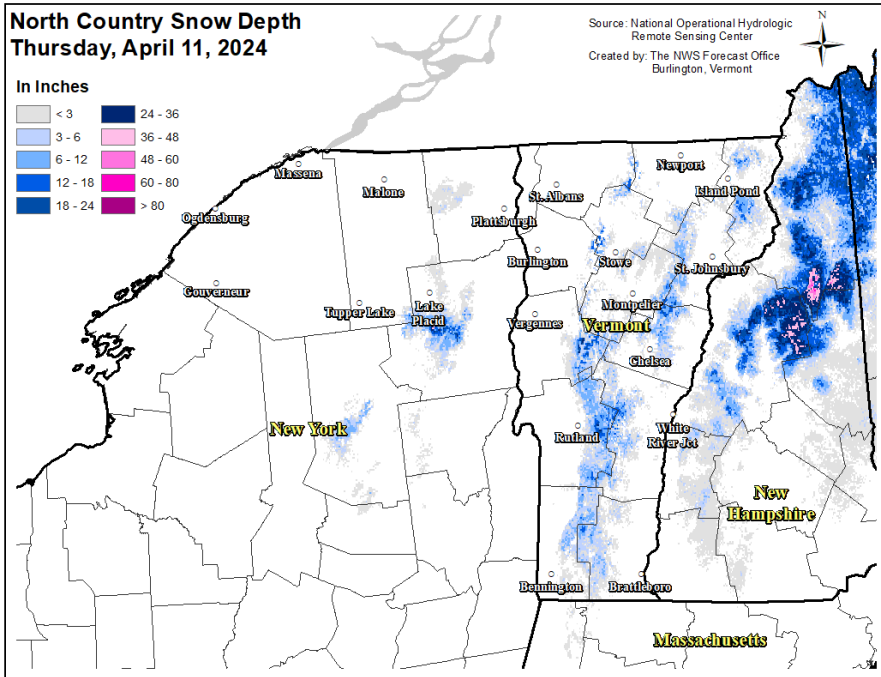
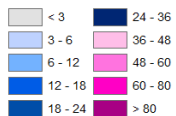
Mid-terrain (1000-2000'): **6-18"**

Higher terrain and summits (> 2000'): **10-30+"**

Below normal for early to mid April

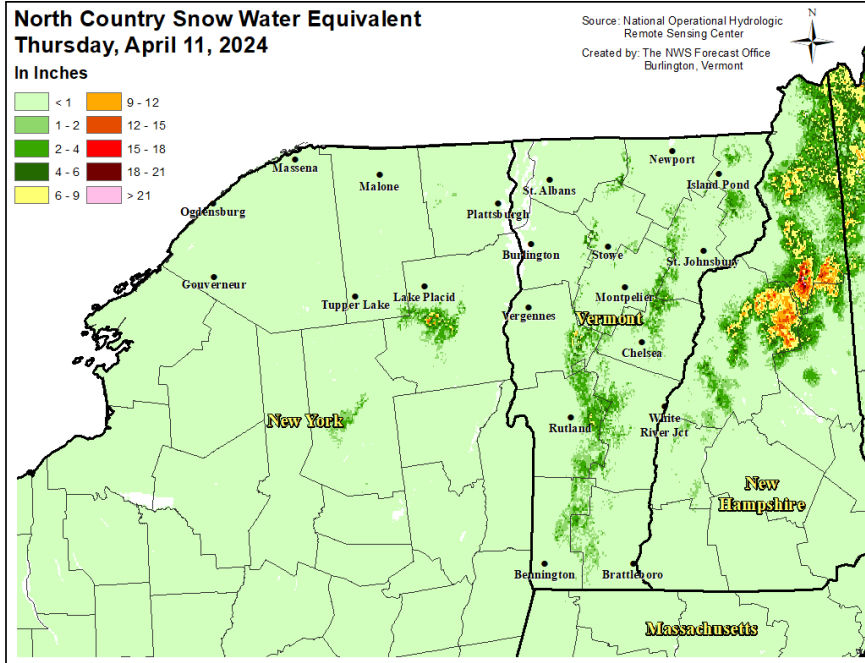
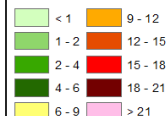
North Country Snow Depth
Thursday, April 11, 2024

In Inches



North Country Snow Water Equivalent
Thursday, April 11, 2024

In Inches



Water Equivalents (Snow Water Content)

Areas below 1000' including the Champlain, Lower CT and St. Lawrence Valleys : **none**

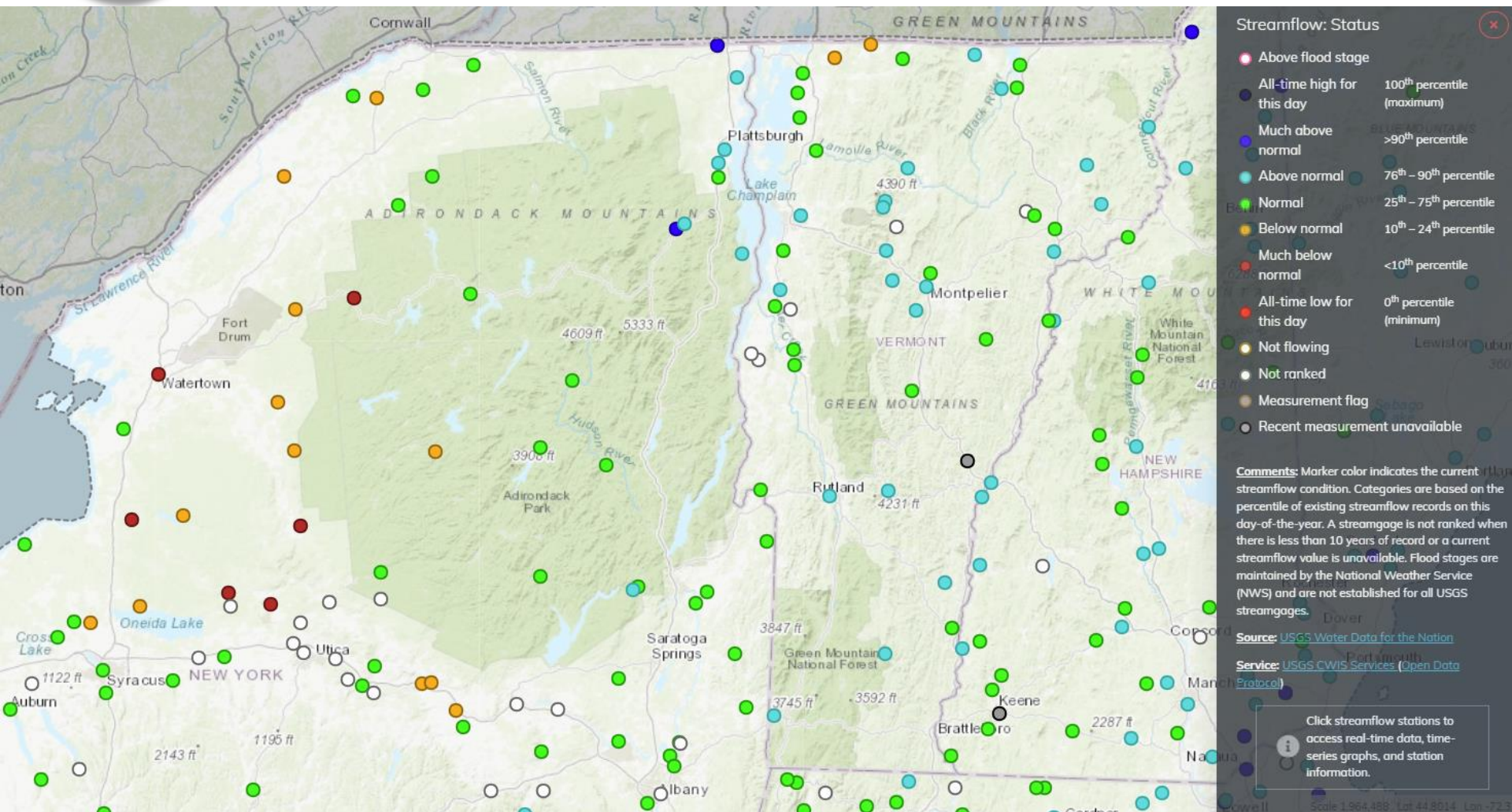
Mid-terrain (1000-2000'): **~ 0.5 to 2"** in VT; little in NY

Higher terrain and summits (> 2000'): **1-3"** in NY, **2-5"** in VT, locally more on summits

Below normal for early to mid April



Streamflows across VT and NY on April 11, 2024



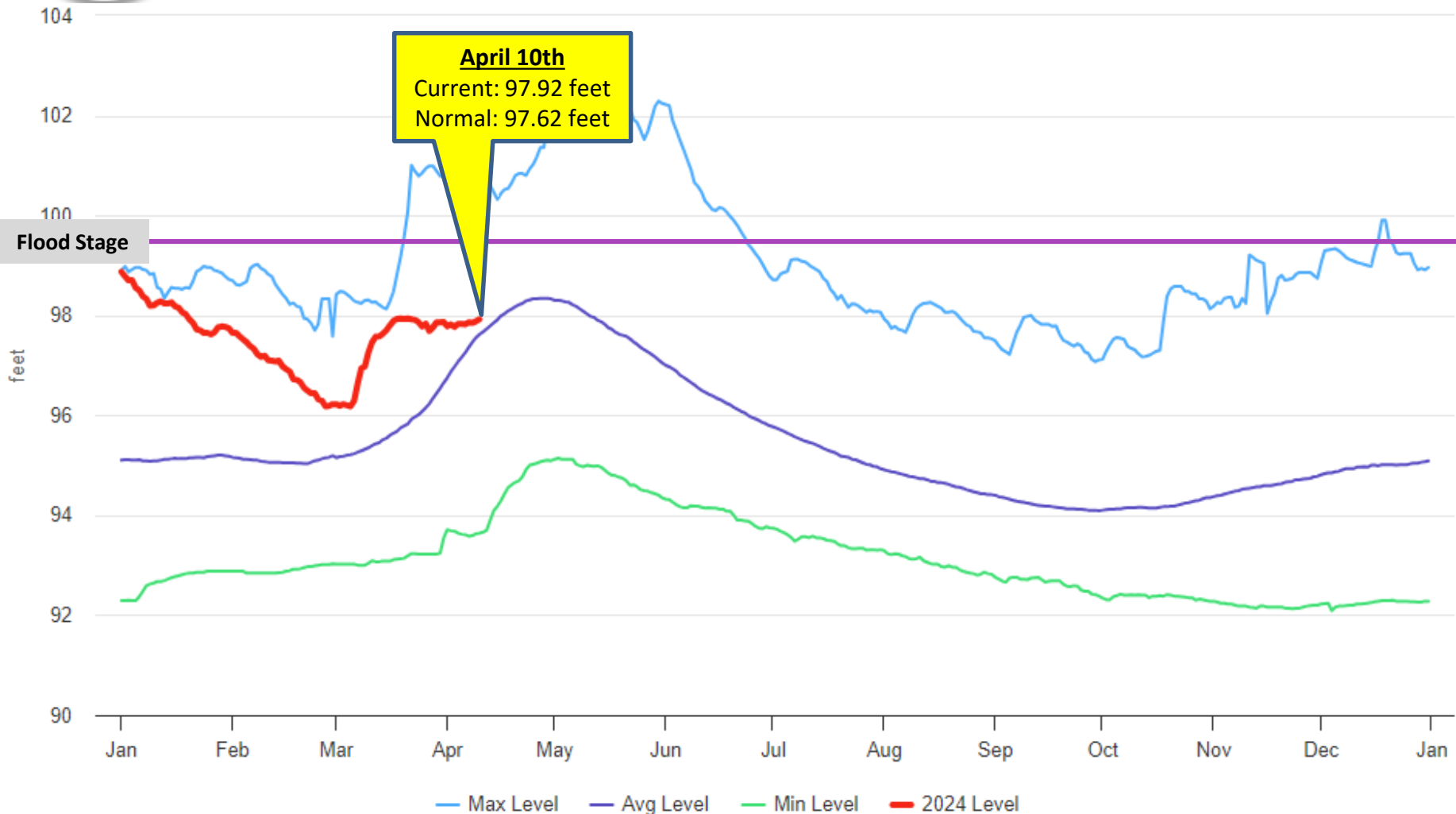
Currently: Normal to above normal across most of our area, some below normal in the St Lawrence Valley and in Far northern Vermont. (courtesy [USGS Water Dashboard](#))





Lake Champlain

No Immediate Concerns – We will be monitoring closely through spring



Current level remains slightly above normal. Springtime levels still heavily reliant on future precipitation, but for now we are forecasting a near normal flood threat for the lake heading into spring.





6-10 Day Outlook

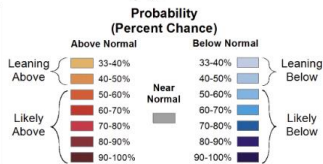
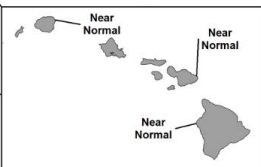
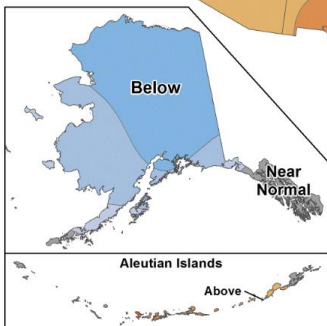
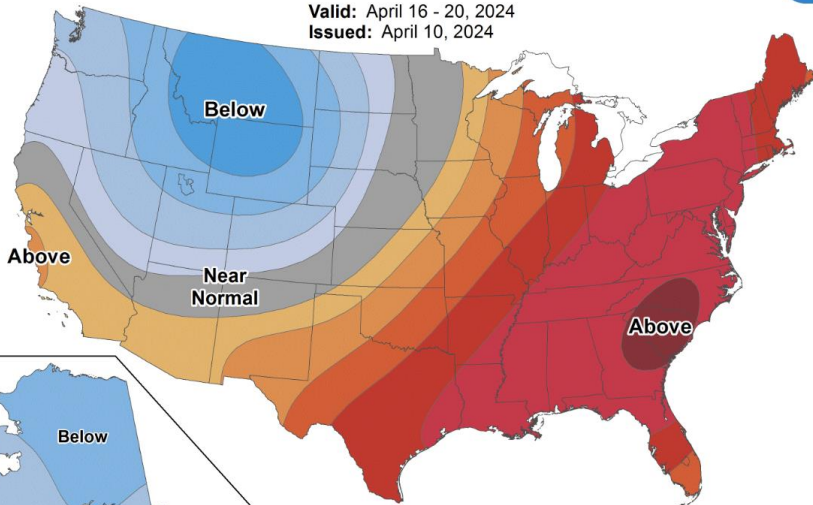
Normal Temperatures: **Highs:** Mid-Upper 50s **Lows:** Mid-Upper 30s

TEMPERATURES: **Above Normal**

PRECIPITATION: **Above Normal**

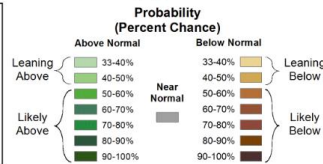
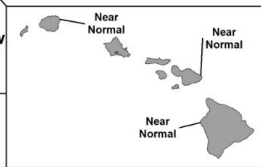
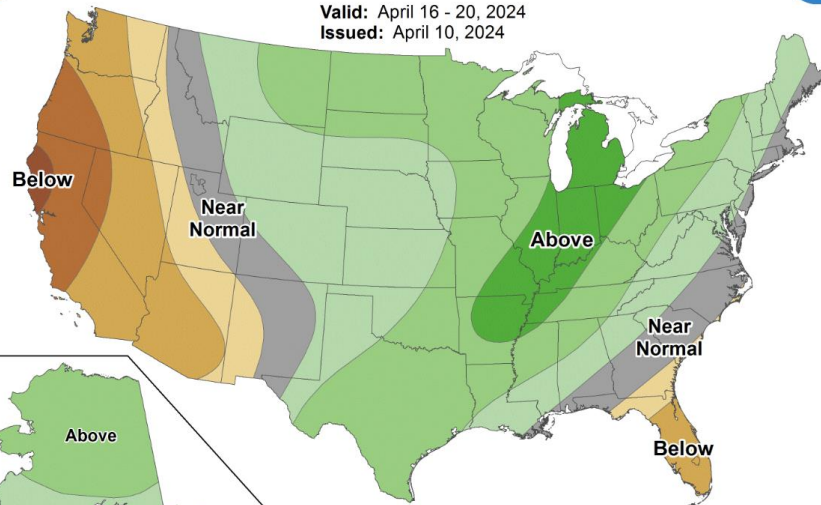
6-10 Day Temperature Outlook

Valid: April 16 - 20, 2024
Issued: April 10, 2024



6-10 Day Precipitation Outlook

Valid: April 16 - 20, 2024
Issued: April 10, 2024

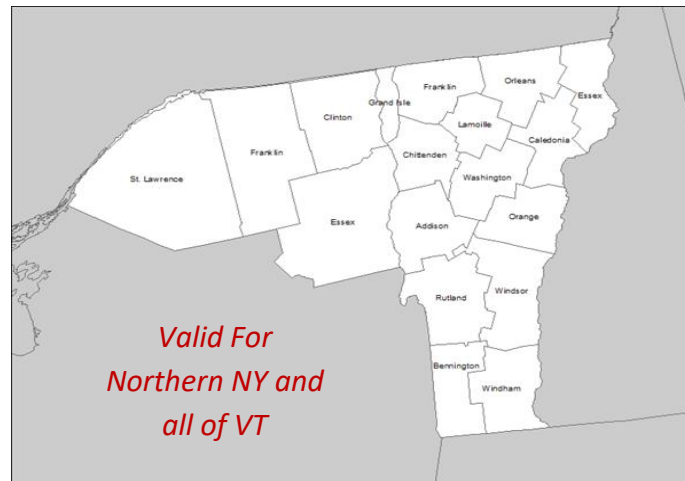




Contact and Next Briefing Information

Next Spring Flood Outlook Briefing

*Issued every 2 weeks -
NEXT and final briefing will
be April 25th*



Web:
<http://www.weather.gov/btv/>



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