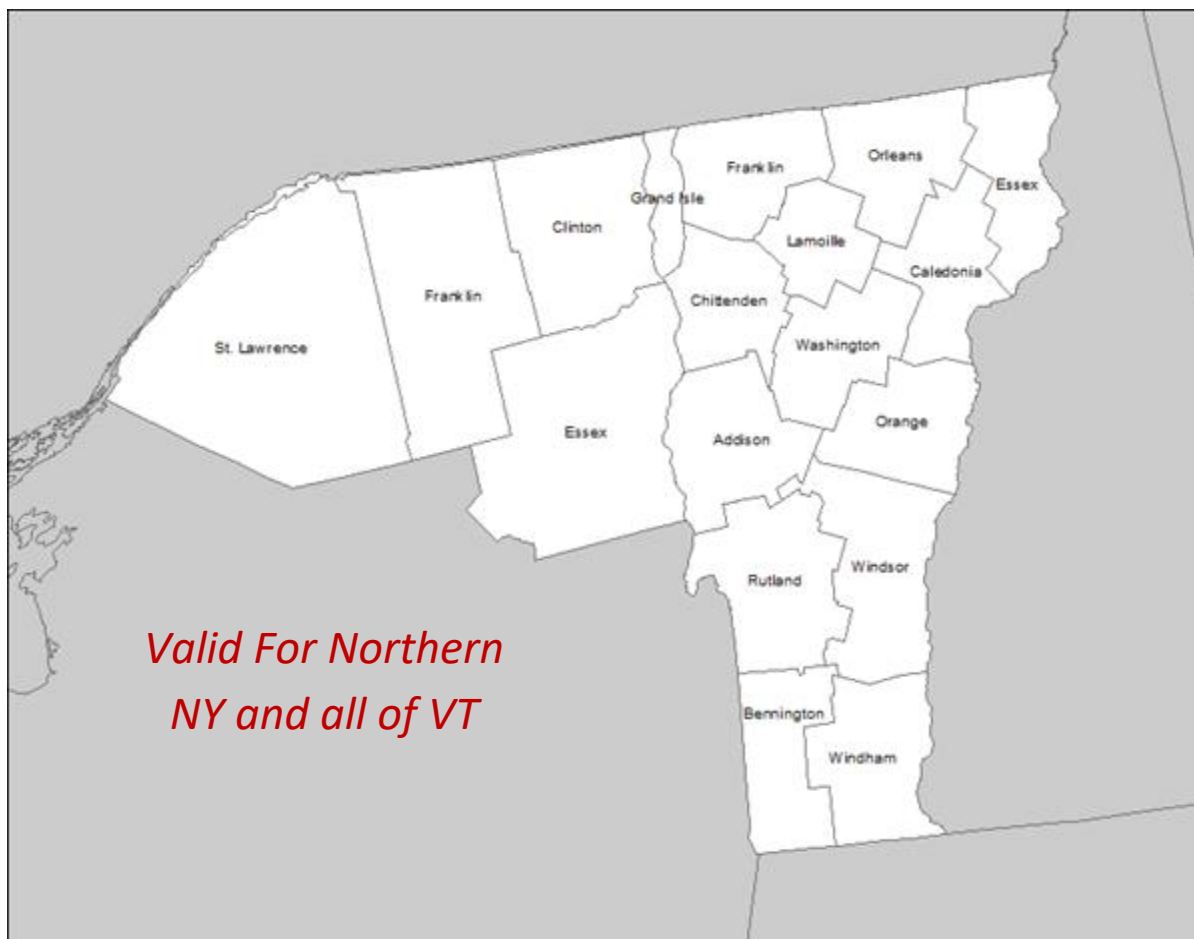




NWS Burlington Winter/Spring Flood Outlook

Valid March 28 to April 11, 2024



*Valid For Northern
NY and all of VT*

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, though isolated locations in central and southern Vermont are near normal.
- 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.

OUTLOOK CHALLENGES

- A large storm system could affect the region mid-week next week. Precipitation type is still uncertain at this time, though at least some areas will likely see mostly snow. Trends will continue to be monitored.

ADDITIONAL INFORMATION

- **Recent precipitation:** Near to above normal
- **Snow cover:** Below normal, locally near normal in VT
- **Snow water equivalent:** Below normal
- **River levels:** Near to above normal
- **Soil Moisture:** Near to above normal
- **Groundwater:** Above normal
- **Temperature outlook:** Near normal, then above normal
- **Precipitation outlook:** Above normal, then near to below normal

Flood Potential

Regions

Above

None

Normal

Northeastern Adirondacks, Champlain Valley, & all of Vermont

Below

St. Lawrence Valley & northwestern Adirondacks in NY

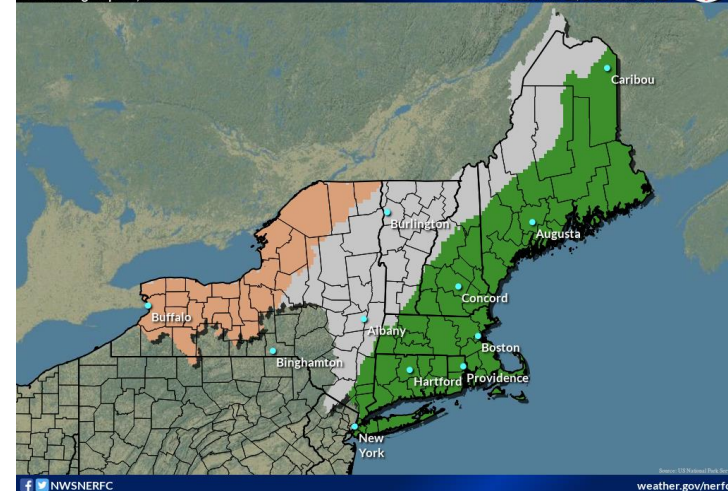
Next Briefing

April 11, 2024

Winter/Spring Flood Potential Outlook

Valid through Apr 11, 2024

River Forecast Center
Northeast RFC
Issued Mar 28, 2024 8:38 AM EDT





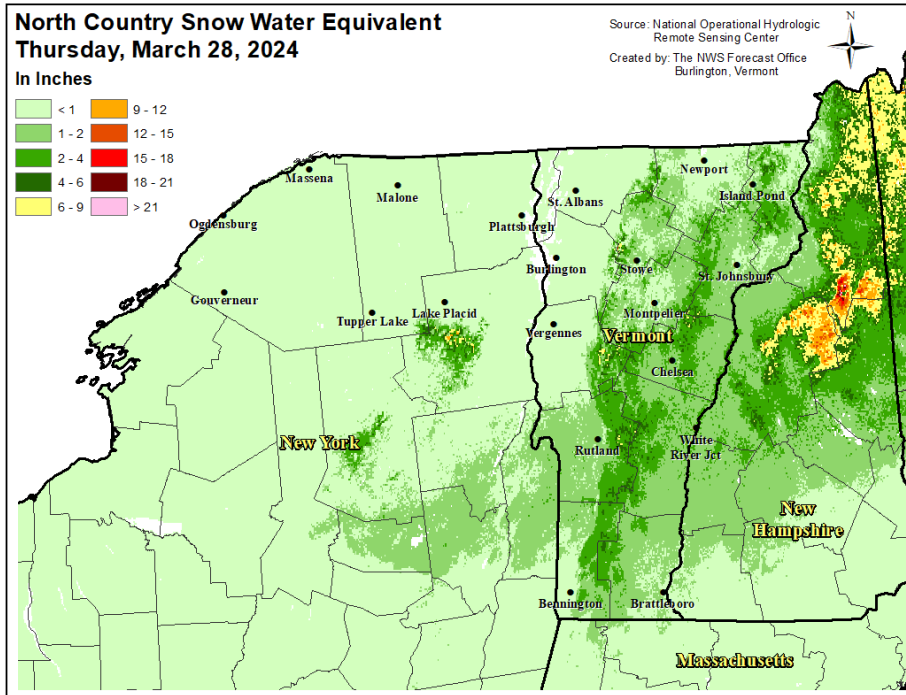
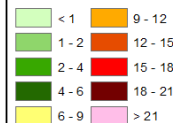
Snowpack Data for March 14, 2024

Snow Depths

Champlain, CT and St. Lawrence Valleys: **0-trace**
Mid-terrain (1000-2000'): **6-18"** in VT; little in NY
Higher terrain and summits (> 2000'): **10-20"** in NY,
15-30" in VT, **3+ ft** at summit level
Below normal for late March

North Country Snow Water Equivalent Thursday, March 28, 2024

In Inches

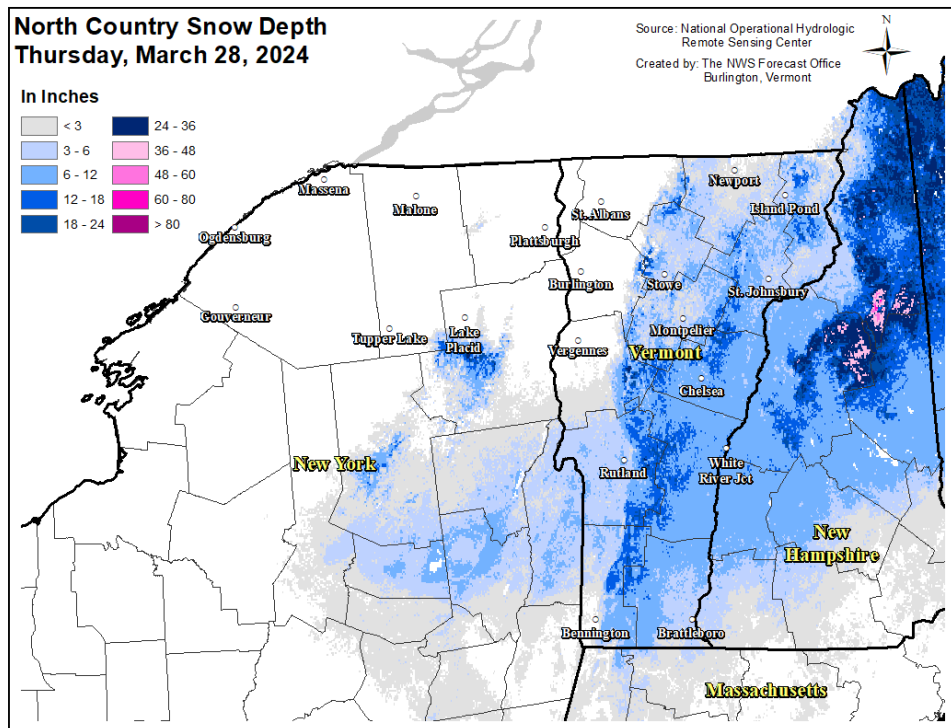
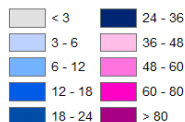


Water Equivalents (Snow Water Content)

Areas below 1000' including the Champlain, Lower CT and St. Lawrence Valleys : **0-trace**
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 late March

North Country Snow Depth Thursday, March 28, 2024

In Inches





River Ice Coverage

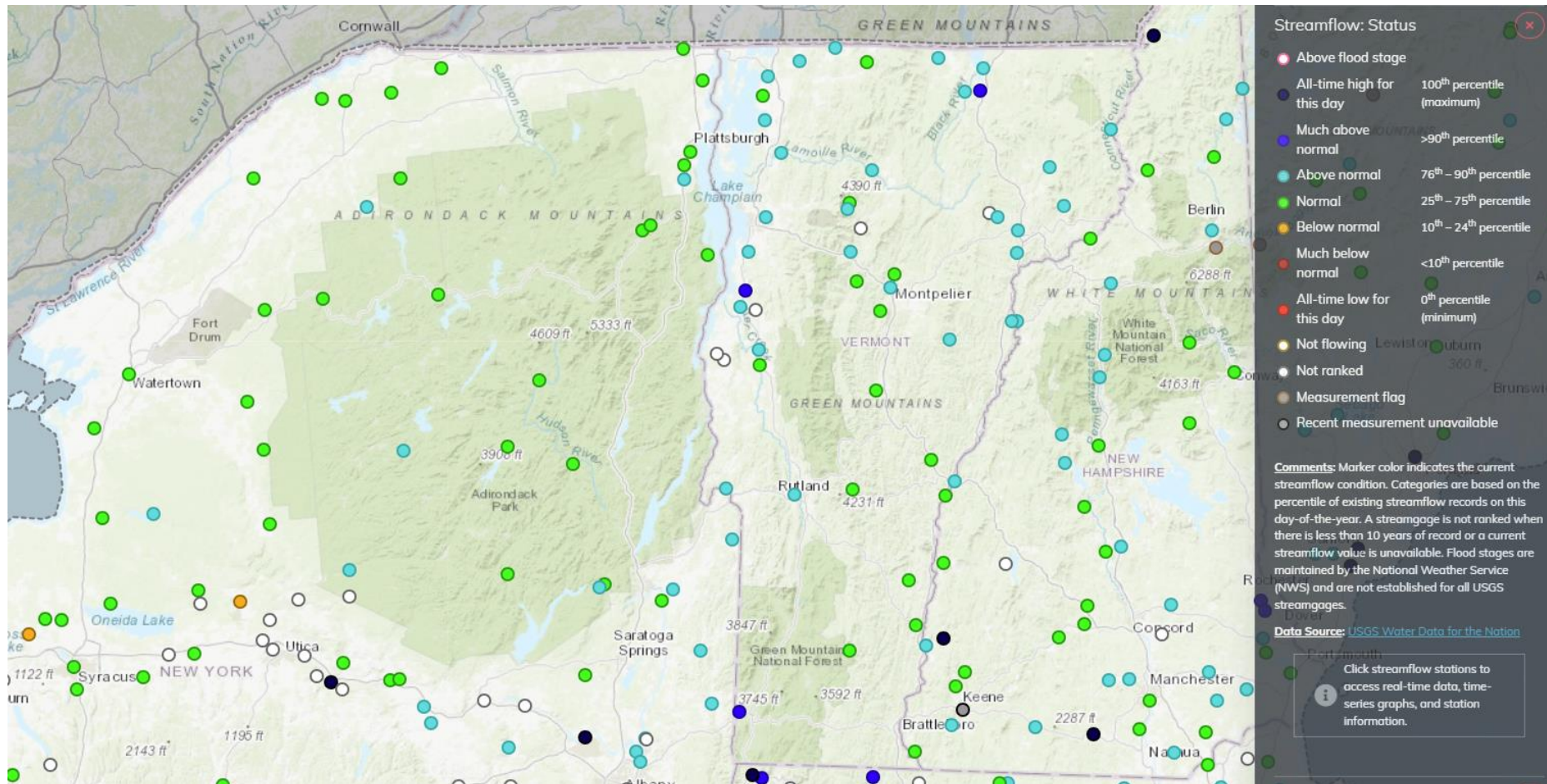
- No river ice exists across Vermont and northern New York
- The threat of flooding due to ice jams has passed for this season.



Winooski River near Essex, VT (Mar 28, 2024)



Streamflows across VT and NY on March 28, 2024

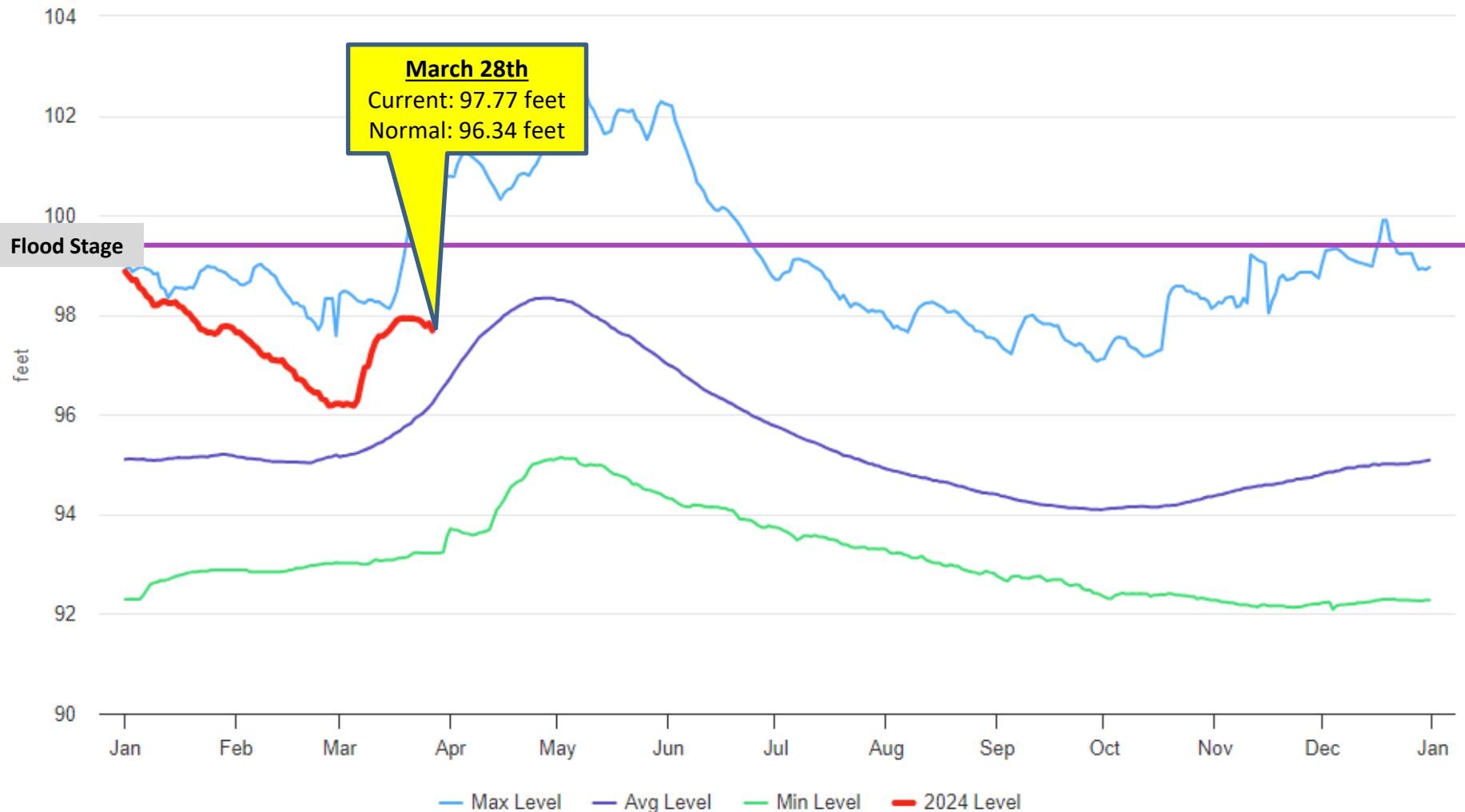


Currently: Normal to above normal across most of our area (courtesy [USGS Water Dashboard](#))



Lake Champlain

No Immediate Concerns – We will be monitoring closely through spring



Current level remains 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.

8



6-10 Day Outlook

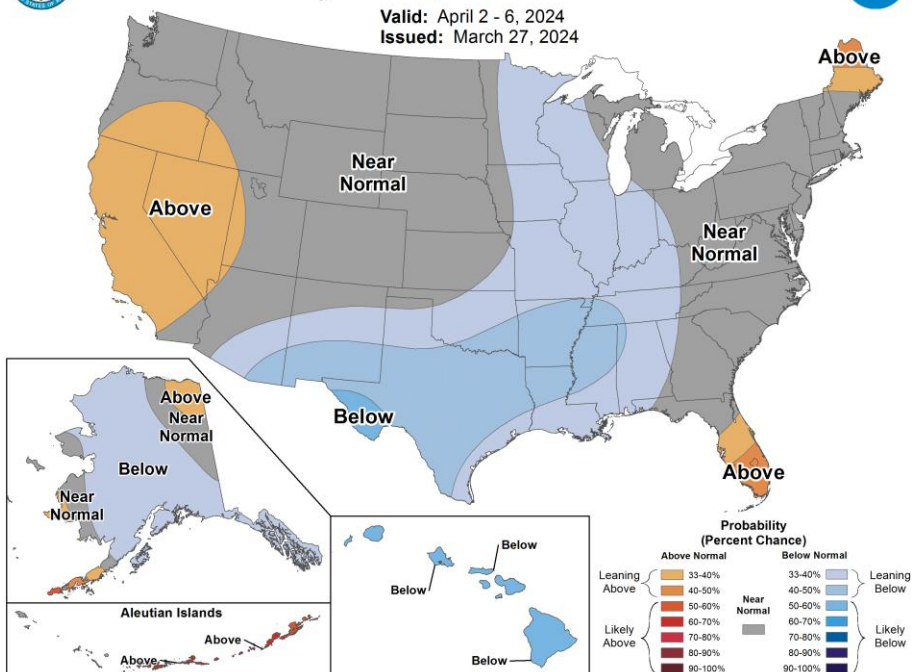
Normal Temperatures: **Highs:** Low-mid 40s **Lows:** Mid-upper 20s

TEMPERATURES: Near normal
PRECIPITATION: Above normal



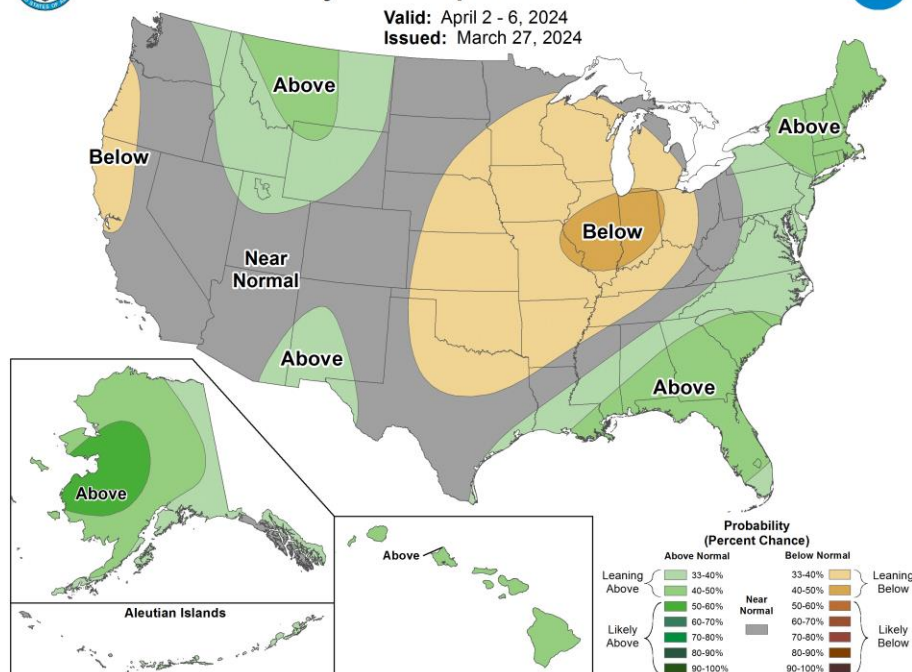
6-10 Day Temperature Outlook

Valid: April 2 - 6, 2024
Issued: March 27, 2024



6-10 Day Precipitation Outlook

Valid: April 2 - 6, 2024
Issued: March 27, 2024

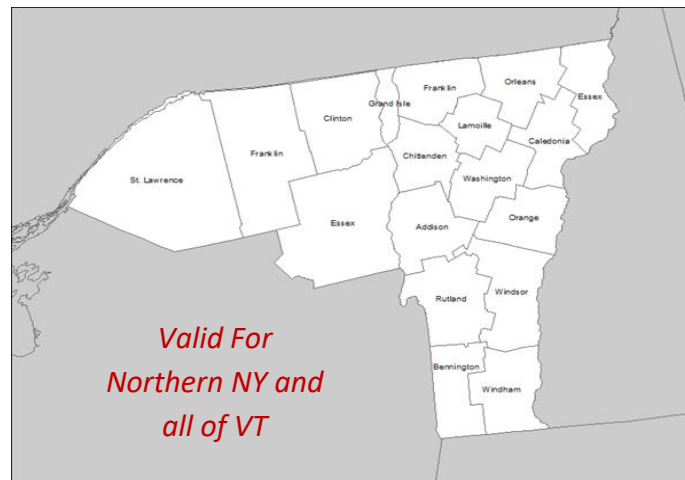




Contact and Next Briefing Information

Next Spring Flood Outlook Briefing

*Issued every 2 weeks -
NEXT will be April 11th*



Web:

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



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