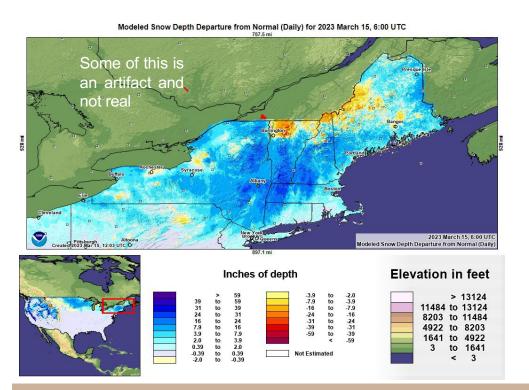
Northeast Spring Flood Outlook - 2023

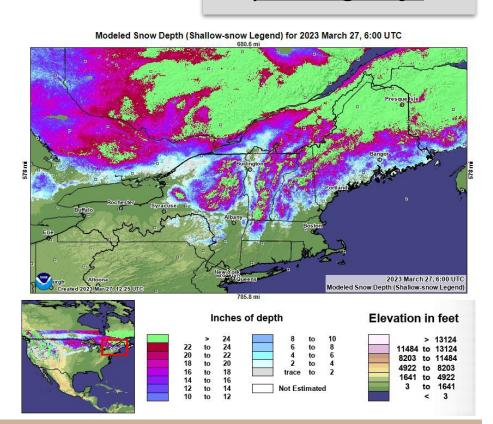


- Relatively little snow most of the winter
- ...then late season snow!
- Northeast flood potential is increasing



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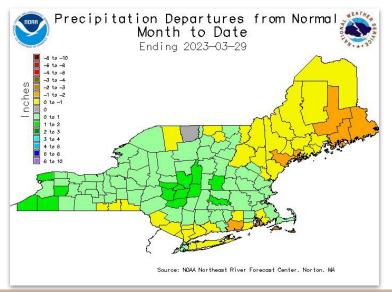
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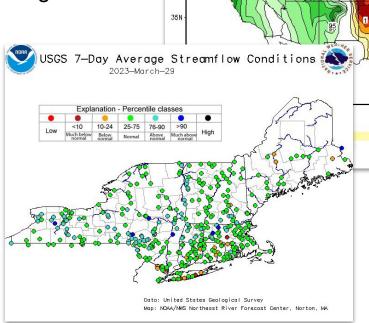
Factors for Flood Potential

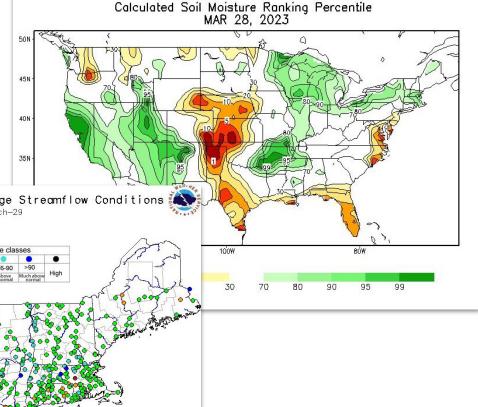


- Soil Moisture & Groundwater Recovery
- Wet March much of it in the form of snow
- Above Normal snowpack and significant snow water in the higher elevations

Remember, heavy rain can cause flooding even if none of these extra factors exist



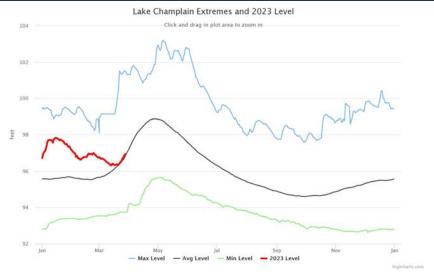




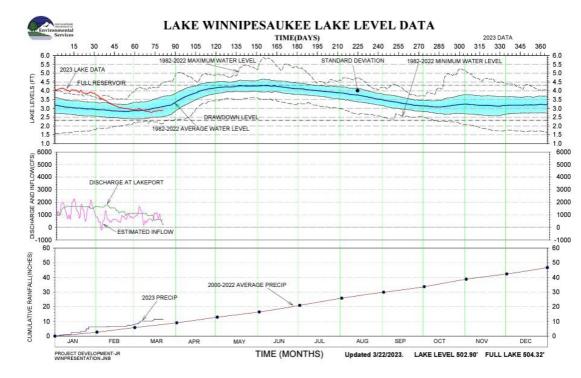


New England Lake Levels





- Lakes were high in early winter but have now settled closer to normal
- Fill season is underway!



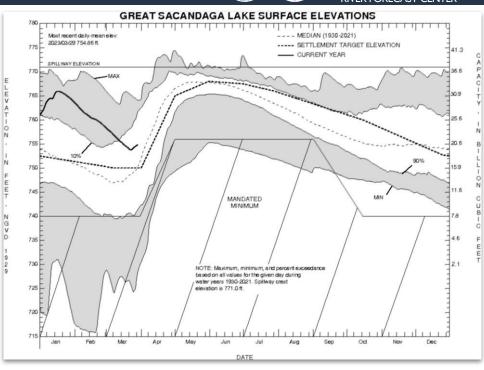




New York Lake Levels / Water Supply



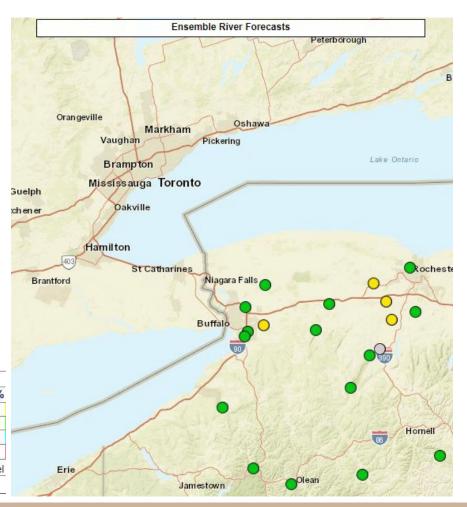




- NYC system above normal storage for the end of March (recent increase)
- Other NY lakes are a mixed bag (some above, some below)







For Western NY:

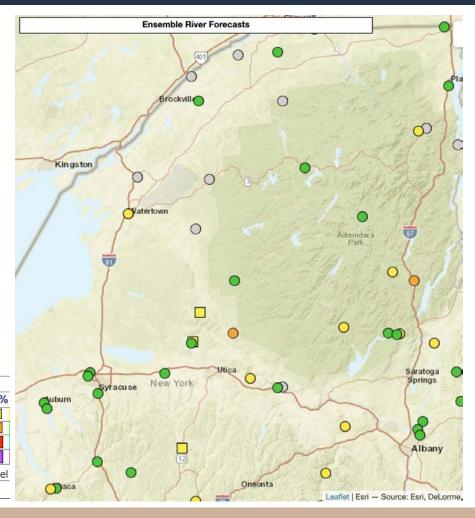
Generally within-bank rises expected this weekend (April 1 - 2)

Potential for renewed rises the second half of next week (April 5 - 8)

Chance of Exceedance		
30%	Level	70%
0	Action	
0	Minor Flood	
	Moderate Flood	
	Major Flood	
= less than	30% chance of reaching A	ction leve
O = no c	ritical levels defined for this	point



Most of the locations shown in yellow or orange have their highest flood potential in 7-10 days



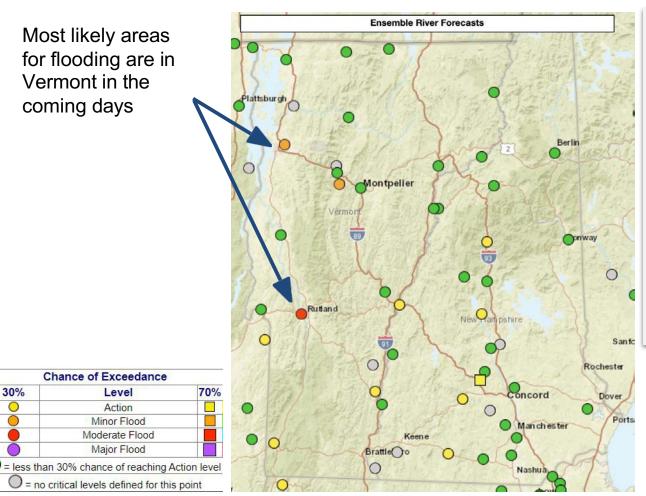
For the rest of New York: Generally within-bank rises expected this weekend (April 1 - 2)

Potential for renewed rises throughout next week depending on lake releases and snowmelt (April 3 - 9)

Chance of Exceedance 30% Level 70% Action Minor Flood Moderate Flood Major Flood = less than 30% chance of reaching Action level = no critical levels defined for this point



Most likely areas for flooding are in Vermont in the coming days



For Vermont & New Hampshire: Minor flooding possible in portions of Vermont this weekend (April 1 - 2)

Generally within-bank rises expected this weekend elsewhere (April 1 - 2)

Potential for renewed rises the second half of next week, but lower flood potential (April 5 - 9)



30%



Chance of Exceedance

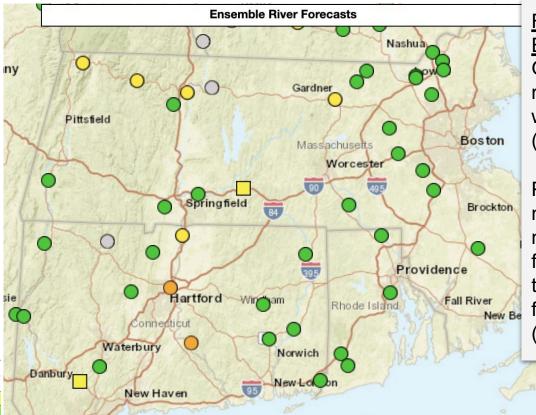
Level

Action

Minor Flood

Moderate Flood Major Flood





Bridgeport

reenwich Stamford Long Island Sound

For Southern New **England**:

Generally within-bank rises expected this weekend

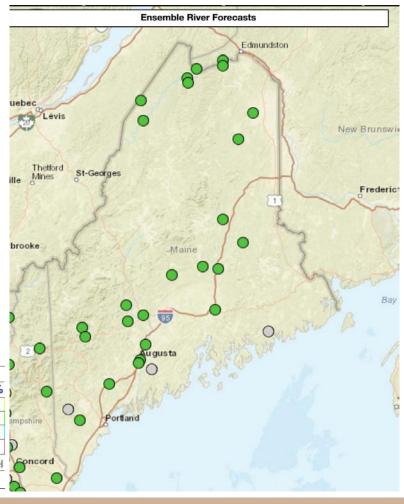
(April 1 - 2)

Potential for rises on the mainstem Connecticut next week with minor flooding possible in the tidal zone – from freshwater (April 4 - 9)

Chance of Exceedance		
30%	Level	70%
0	Action	
	Minor Flood	
	Moderate Flood	
	Major Flood	
= less than	30% chance of reaching A	ction leve
Q = no c	ritical levels defined for this	s point







For Maine:

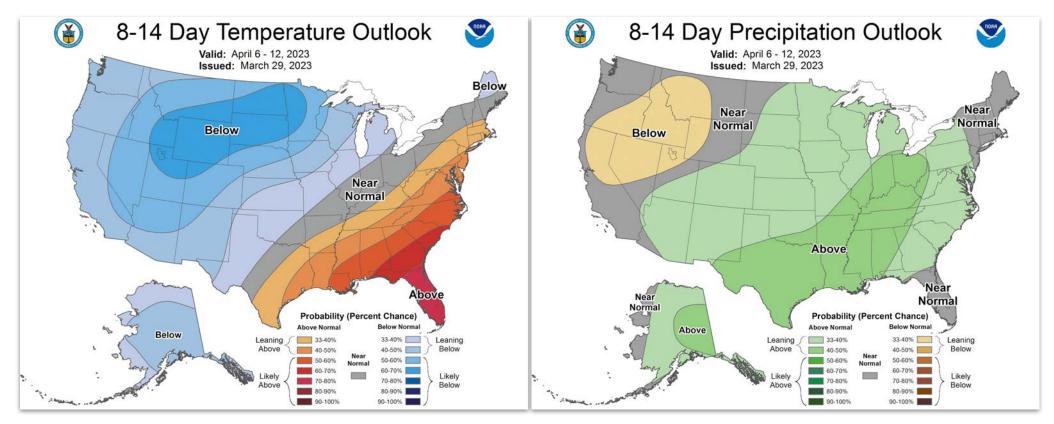
No short term concerns (through April 9th); snowpack stays mostly locked in and rises are expected to be minimal

Chance of Exceedance 30% Level 70% Action Minor Flood Moderate Flood Major Flood = less than 30% chance of reaching Action level O = no critical levels defined for this point

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CPC 8-14 Day Outlook



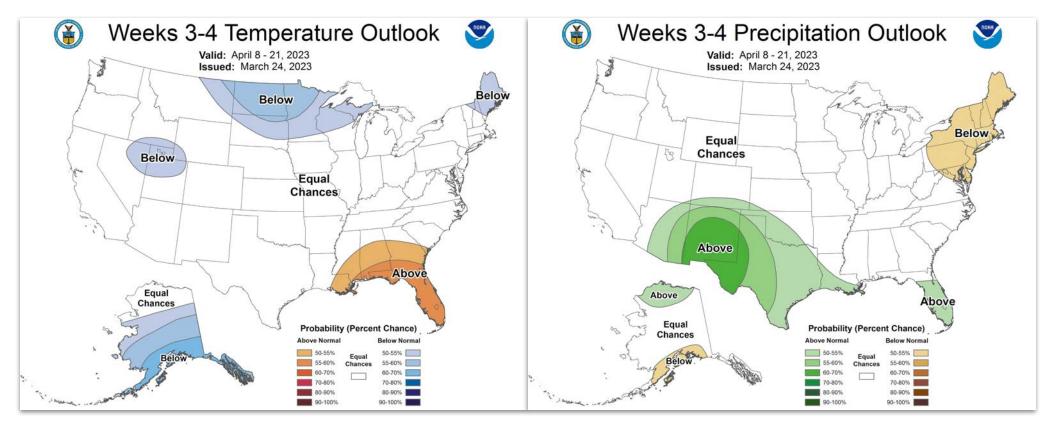


Transition period ahead



CPC Week 3-4 Outlook





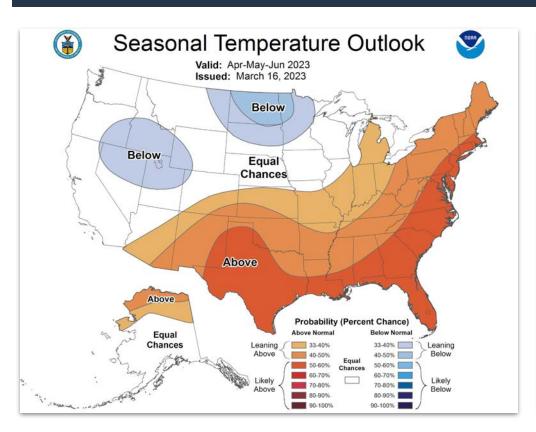
Maybe turning drier after a pattern shift for mid April?

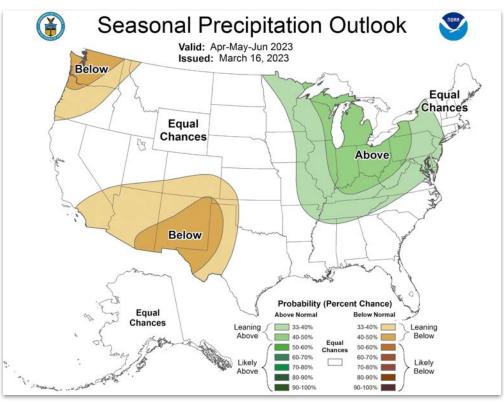




CPC 90 Day Seasonal Outlook







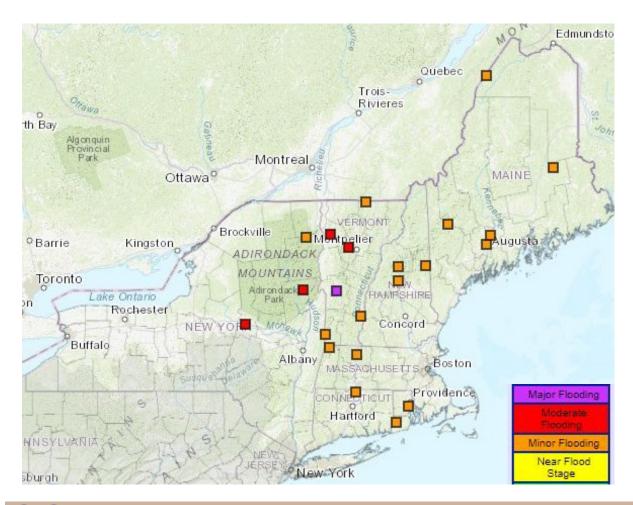
Seasonal outlook for April through June favors above normal temperatures, with a slight lean toward above normal precipitation in NY





Long Range Outlook





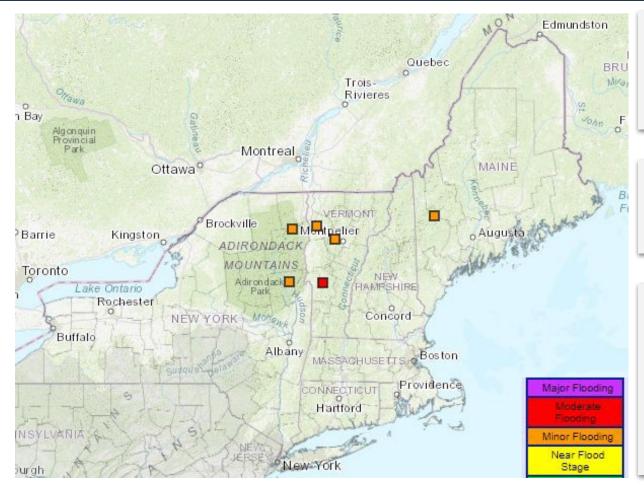
This graphic shows river forecast locations where there is a 25% chance or more of reaching the thresholds shown during April-May-June

This potential is near, or even a little below, the typical risk – historically – for the same time of year



Long Range Outlook





This graphic shows river forecast locations where there is a <u>50%</u> chance or more of reaching the thresholds shown during April-May-June

This potential is near, or even a little below, the typical risk – historically – for the same time of year

Streams to watch:

Swift River / Roxbury, ME
Mad River / Moretown, VT
Winooski River / Essex Junction, VT
Otter Creek / Center Rutland, VT
Schroon River / Riverbank, NY
EB AuSable River / AuSable Forks, NY





Northeast Spring Flood Outlook - 2023

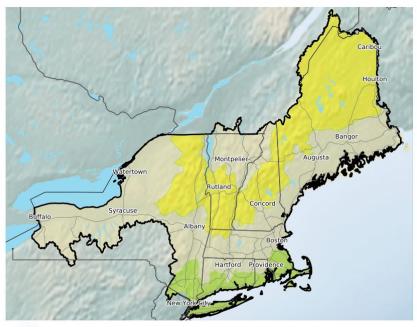


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Winter/Spring Flood Potential Outlook

Valid: 03/30/2023 08:00 AM - 04/13/2023 08:00 AM EDT









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