



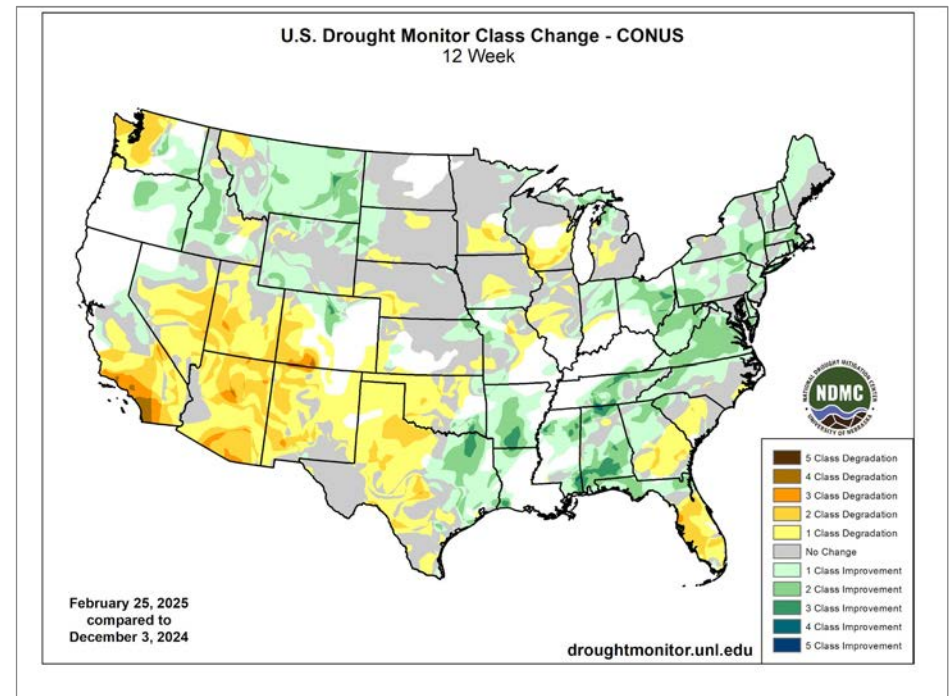
Spring Flood Outlook 2025

March 27, 2025
9:20 AM

Northeast and Mid Atlantic River Forecast Centers

Latest Updates

- For meteorological winter (DJF) precipitation was near normal with below normal temperatures across the Northeast and Mid Atlantic. Snowfall was normal to above normal across southern portions of the Mid Atlantic and portions of the northern Northeast.
- Drought improvement across much of the region through DJF.
- Below normal snow depths and snow water equivalent (SWE) across the majority of the region.
- Flood potential is near to below normal across the Mid Atlantic and Northeast.



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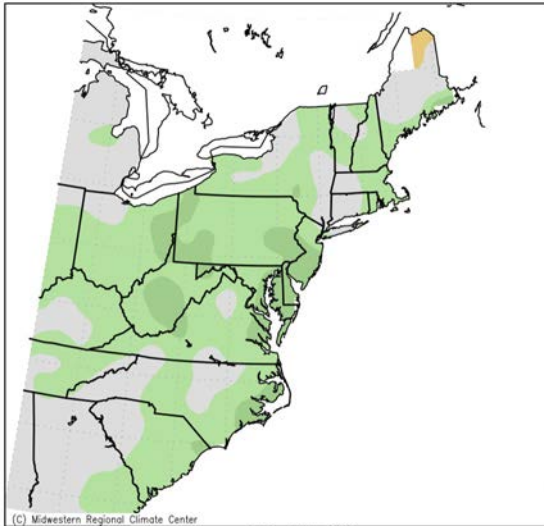
National Weather Service
Northeast River Forecast Center



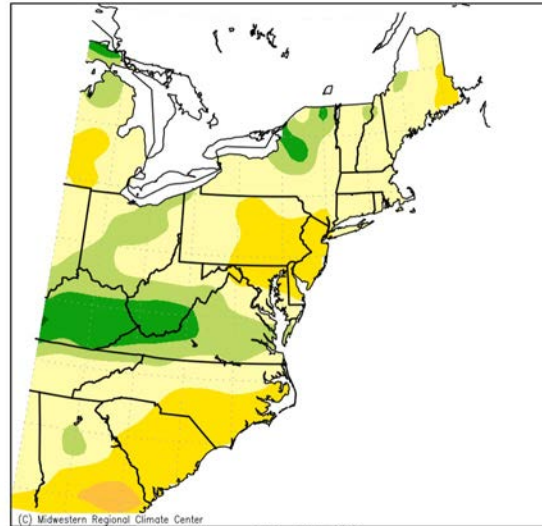
Climatological Winter (DJF)

March 27, 2025
9:20 AM

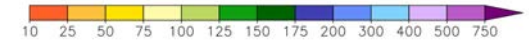
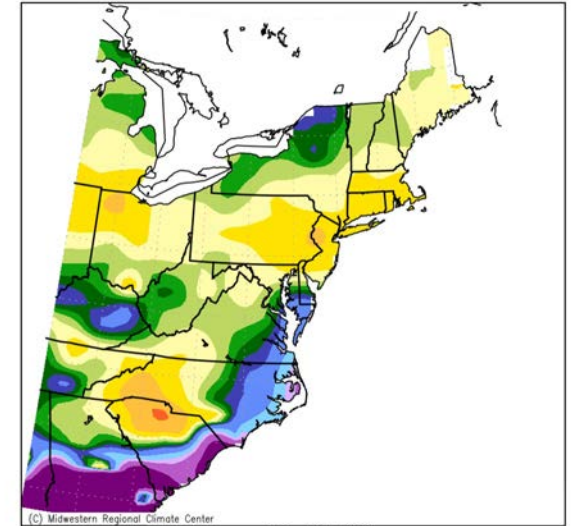
Average Temperature (°F): Departure from Mean
December 1, 2024 to February 28, 2025



Average Daily Precipitation: Percent of Mean
December 1, 2024 to February 28, 2025



Accumulated Snowfall: Percent of Mean
December 1, 2024 to February 28, 2025



- Temperatures generally were below normal across the Mid Atlantic and for much of the Northeast for DJF.
- Near normal precipitation for a good portion of the Northeast. Above normal precipitation near the Adirondacks, and from southern WV in VA.
- Above normal snowfall across the eastern Great Lakes into northern New England, also above normal snowfall for WV and along the coastal Mid Atlantic into southern DE.



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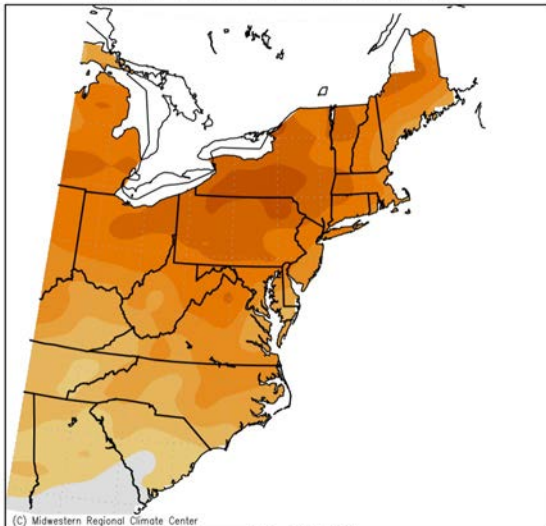
National Weather Service
Northeast River Forecast Center



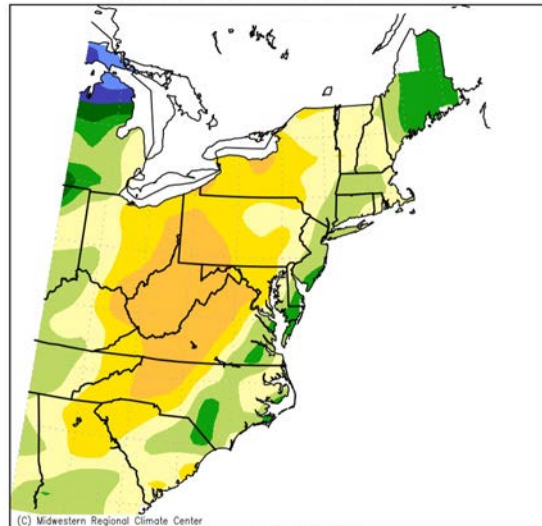
March So Far...

March 27, 2025
9:20 AM

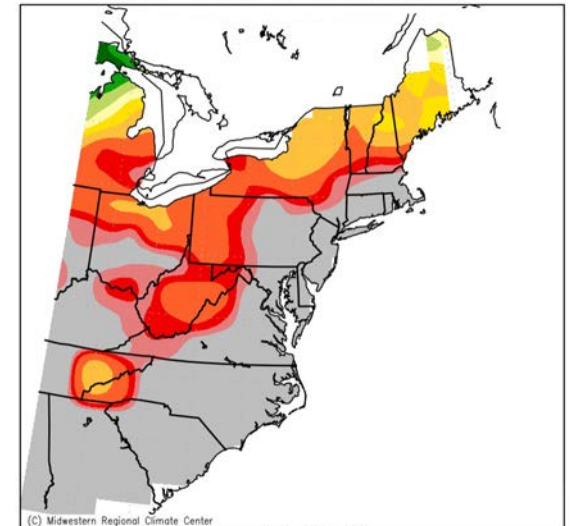
Average Temperature (°F): Departure from Mean
March 1, 2025 to March 25, 2025



Average Daily Precipitation: Percent of Mean
March 1, 2025 to March 26, 2025



Accumulated Snowfall: Percent of Mean
March 1, 2025 to March 26, 2025



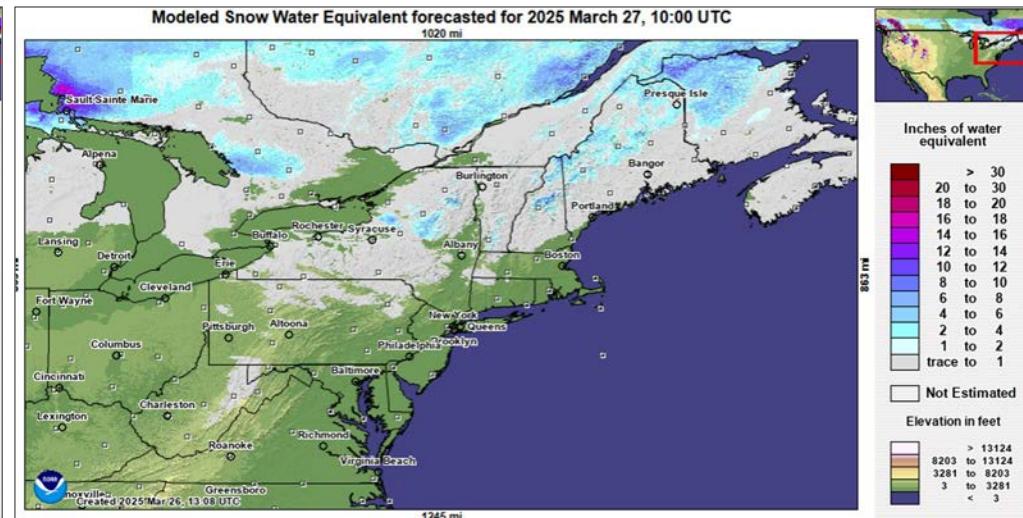
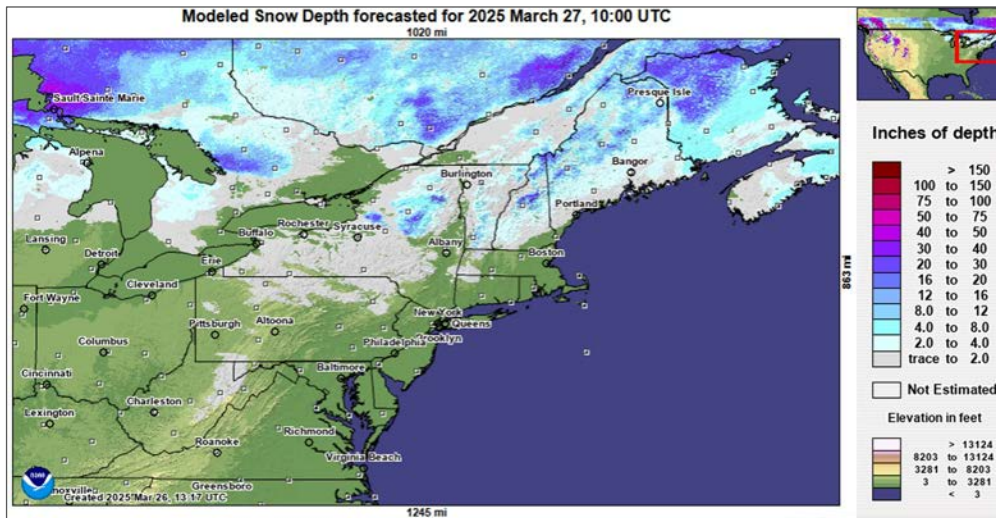
- Above normal temperatures across the Northeast and Mid Atlantic so far MTD.
- Precipitation below normal across western areas and near to above normal across eastern areas.
- Snowfall largely below normal across the Mid Atlantic and Northeast for March MTD.





Current Snow Status

March 27, 2025
9:20 AM



- Little to no snow across the Mid Atlantic. Across New England snow is mostly confined to the higher terrain and northern New England. Actually saw an increase in snow cover due to this past weekends systems.
- Snow depths of a trace to 4" for much of northern New England. Across the higher terrain in northern New England and the Adirondacks have locally higher snow depths of 12+ inches.
- Below normal snow water equivalent (SWE) across the Adirondacks and northern New England.
- SWE up of trace to 4.00".



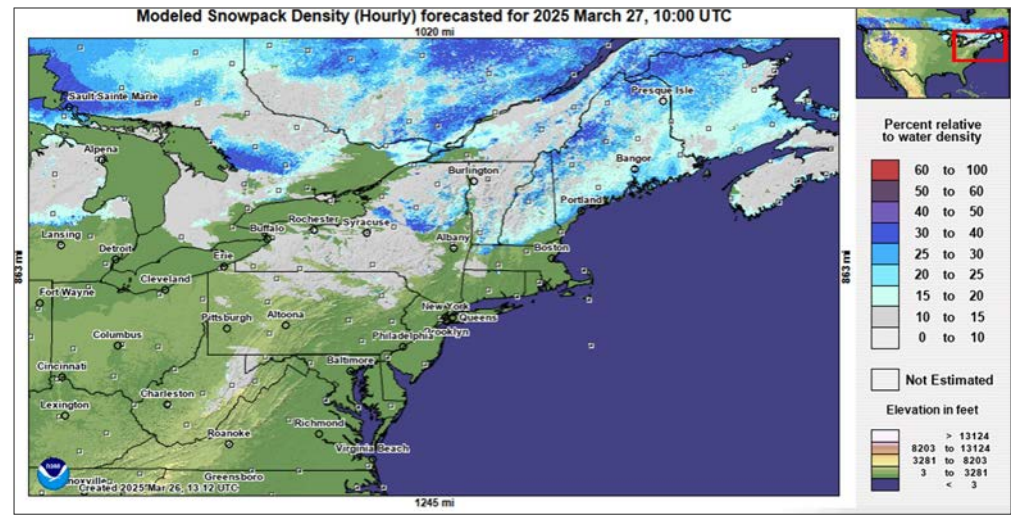
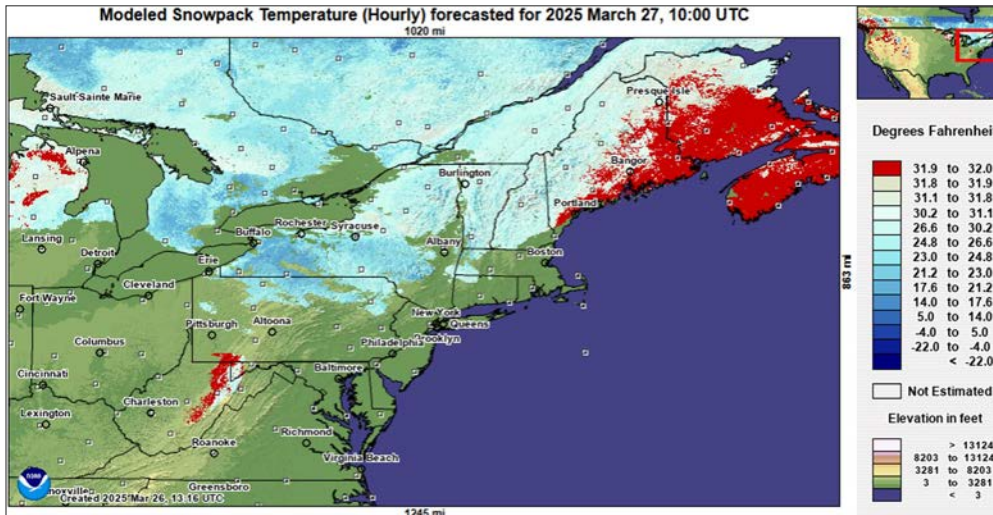
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Current Snow Status

March 27, 2025
9:20 AM



- The snowpack ripening across southeastern Maine, western Maryland and eastern West Virginia. This is due to a combination of warmer temperatures and the March sun angle.
- Snowpack densities highest generally across the southern tier of the snowpack.



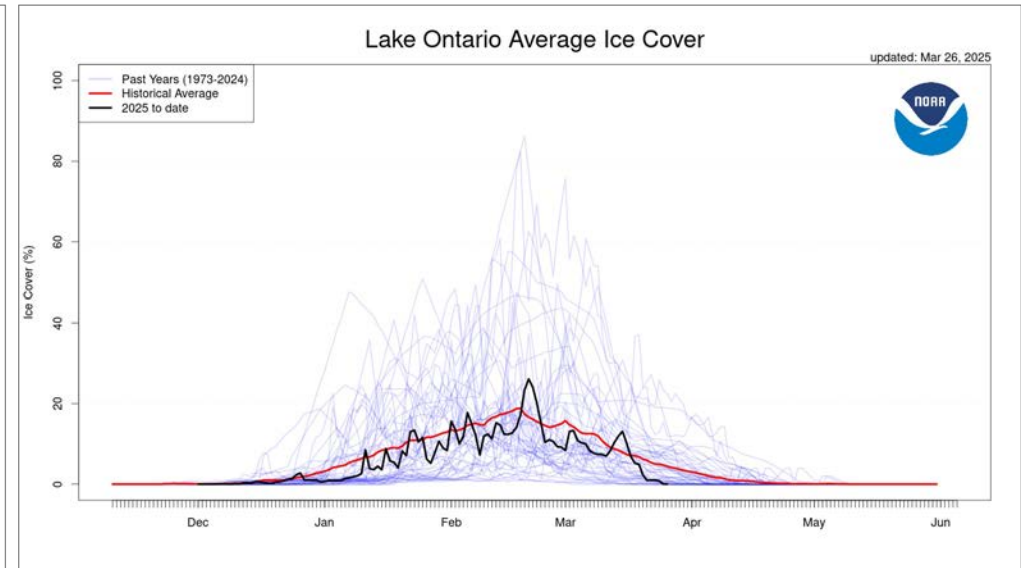
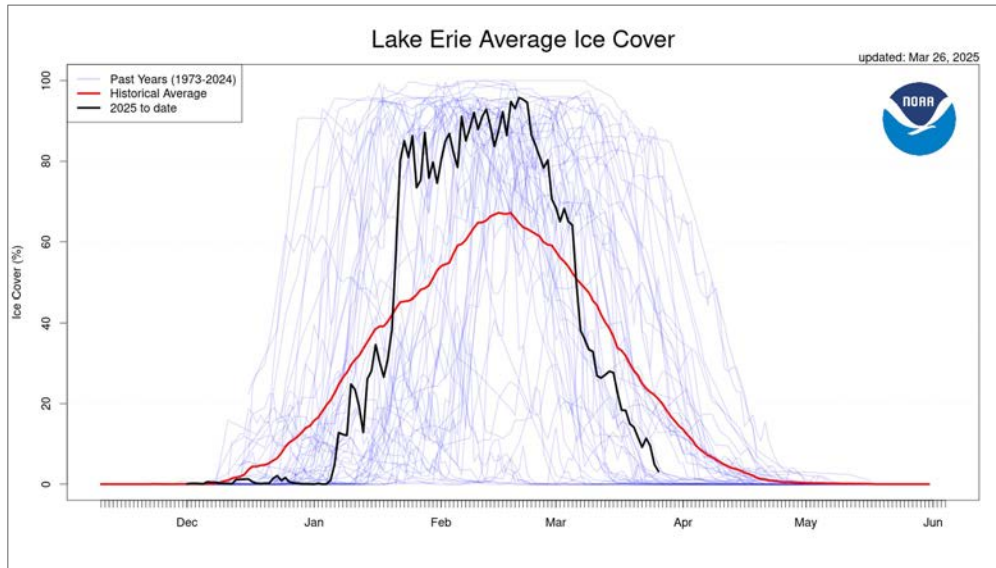
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Great Lakes Ice Conditions

March 27, 2025
9:20 AM



- Ice cover for Ontario and Lake Erie is now below the historical average for late March.
 - Lake Erie is roughly around 5-10% ice cover.
 - Lake Ontario is around 0% ice cover.

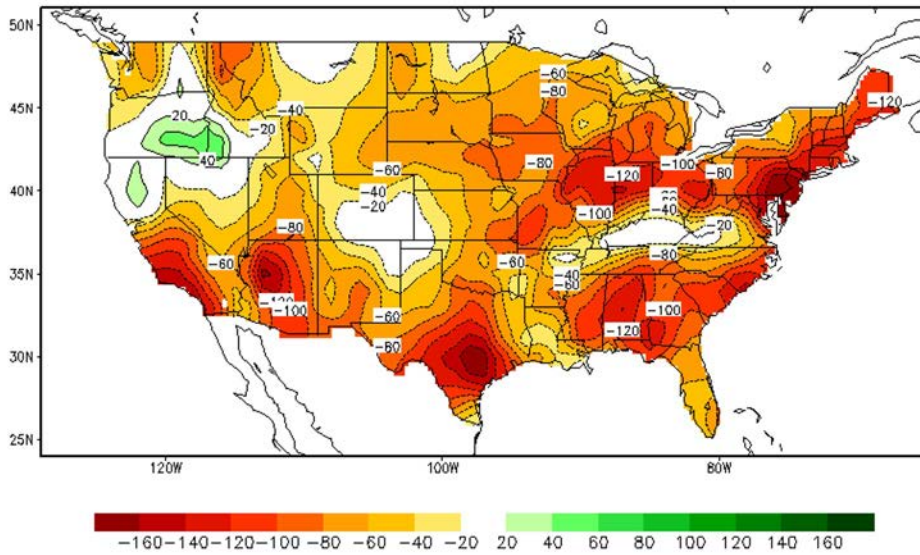




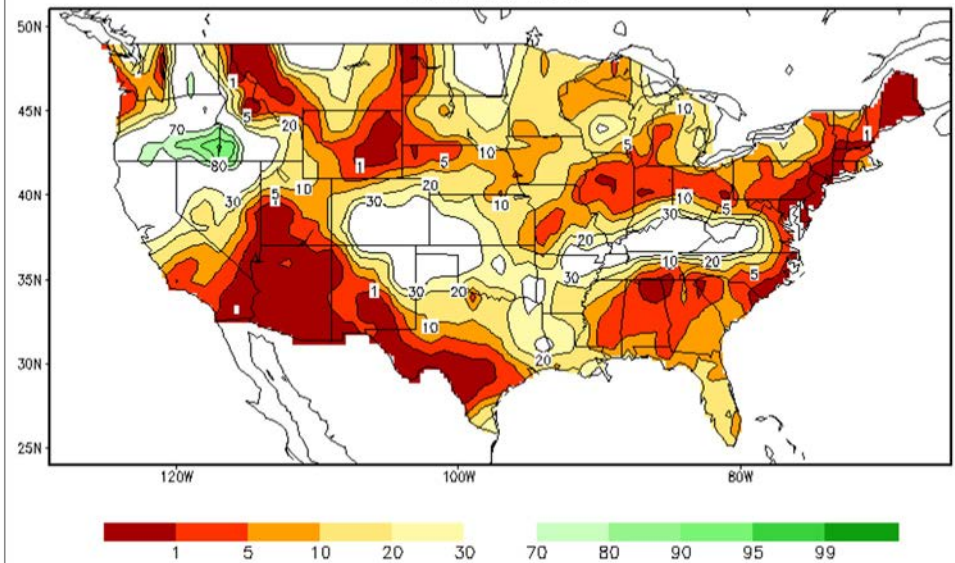
Latest Soil Moisture

March 27, 2025
9:20 AM

Calculated Soil Moisture Anomaly (mm)
MAR 25, 2025



Calculated Soil Moisture Ranking Percentile
MAR 25, 2025



- Below normal soil moisture across much of the Northeast and Mid Atlantic.
- Good portion of eastern areas in the bottom 1-5 ranking percentile.



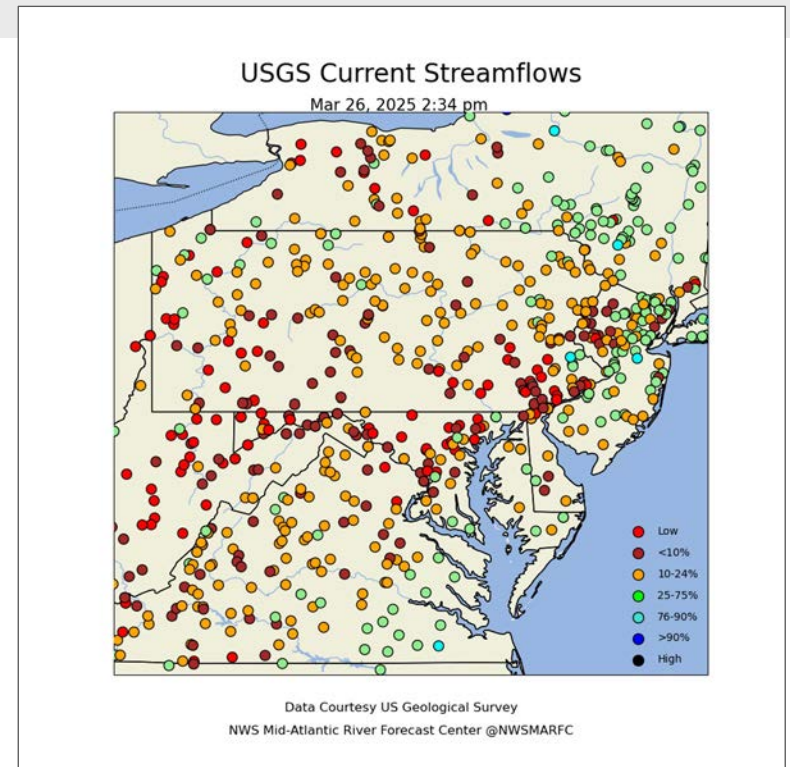
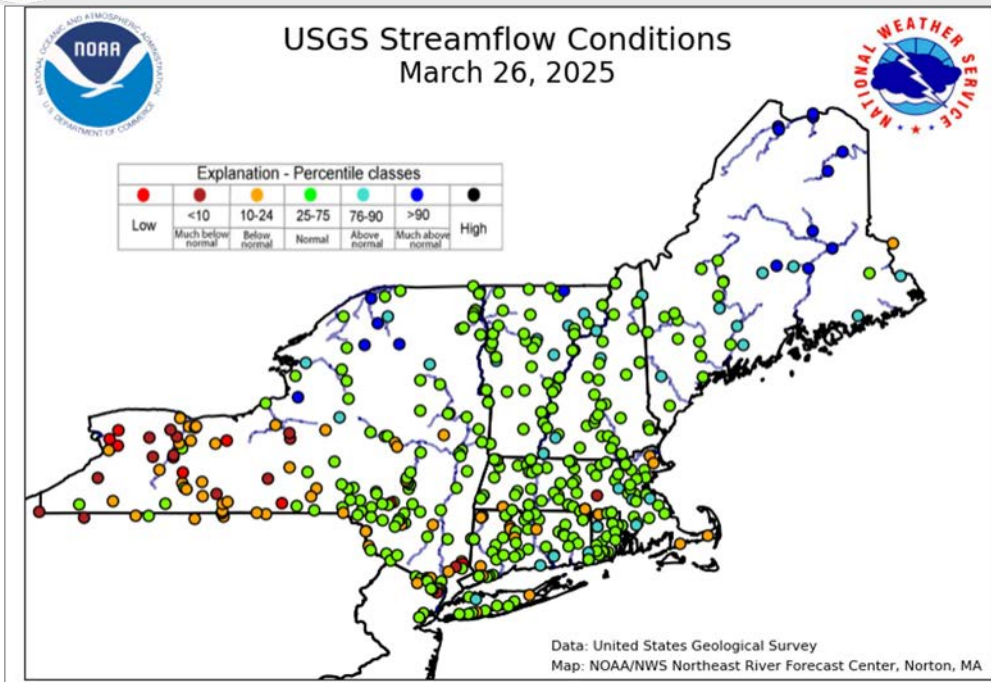
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Latest Streamflows

March 27, 2025
9:20 AM



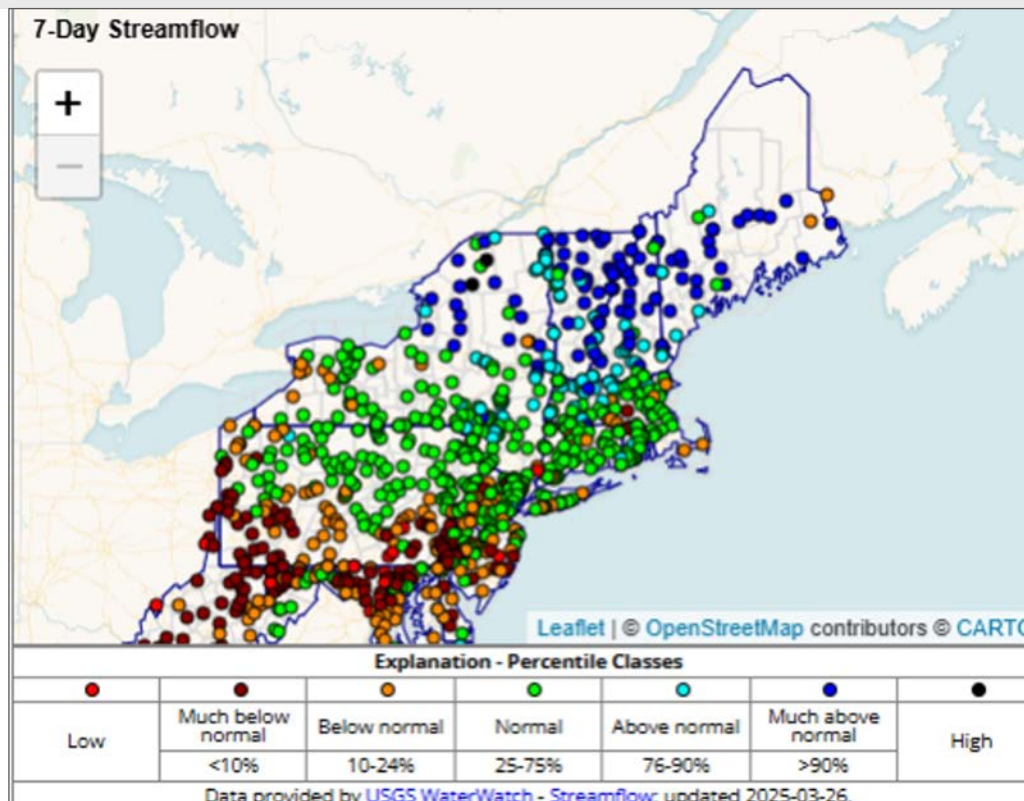
- Daily streamflows are near to above normal for New England and eastern NY.
- Daily streamflows are below normal across western New York and across much of the Mid Atlantic. Much below normal streamflows across southern PA, WV into MD.





Latest Weekly Streamflows

March 27, 2025
9:20 AM



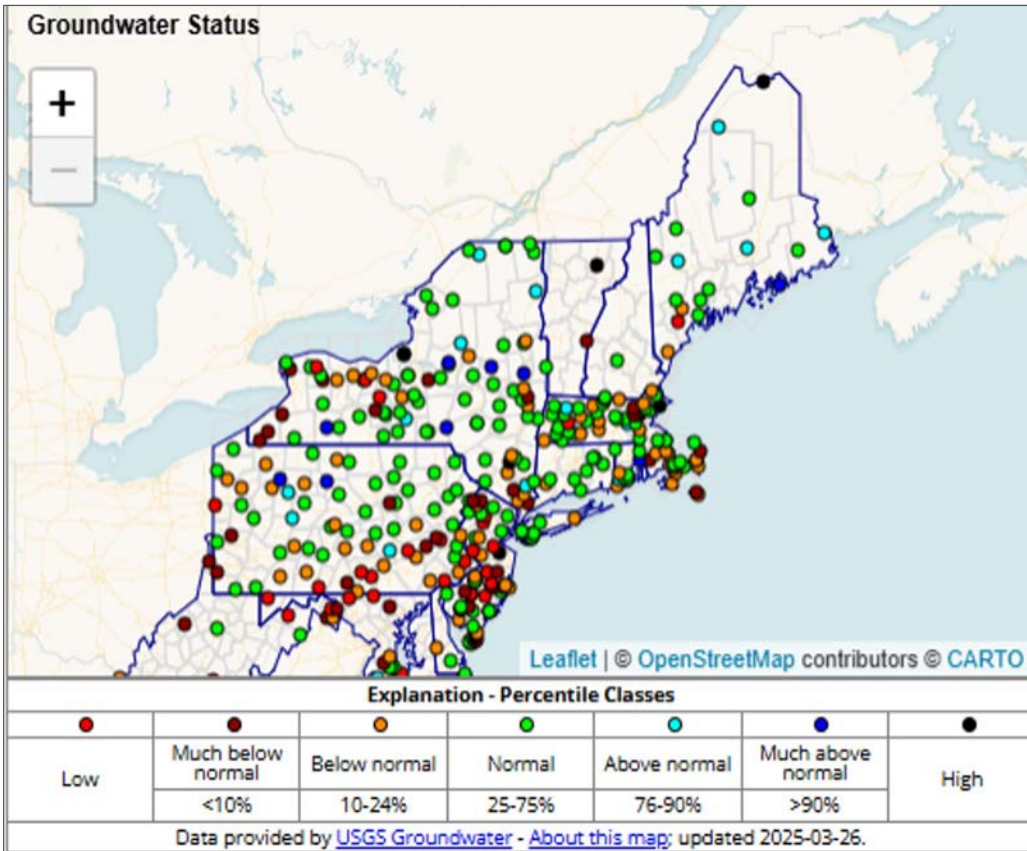
- Weekly streamflows were normal across northern PA, southern NY and into southern New England. Far northern (southern) areas are seeing much above (below) normal streamflows.



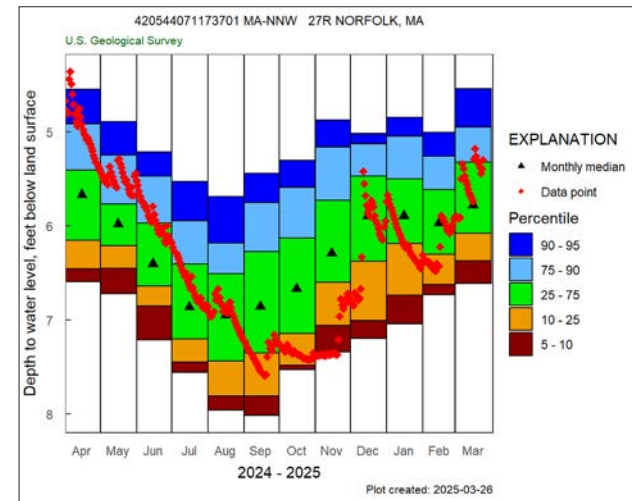


Groundwater Levels

March 27, 2025
9:20 AM



- Groundwater levels across the Northeast were generally near normal.
- Across northern portions of the Mid Atlantic groundwater levels are also near normal.
- Southern Pennsylvania, West Virginia, Maryland and southern New Jersey have below to much below normal groundwater levels.



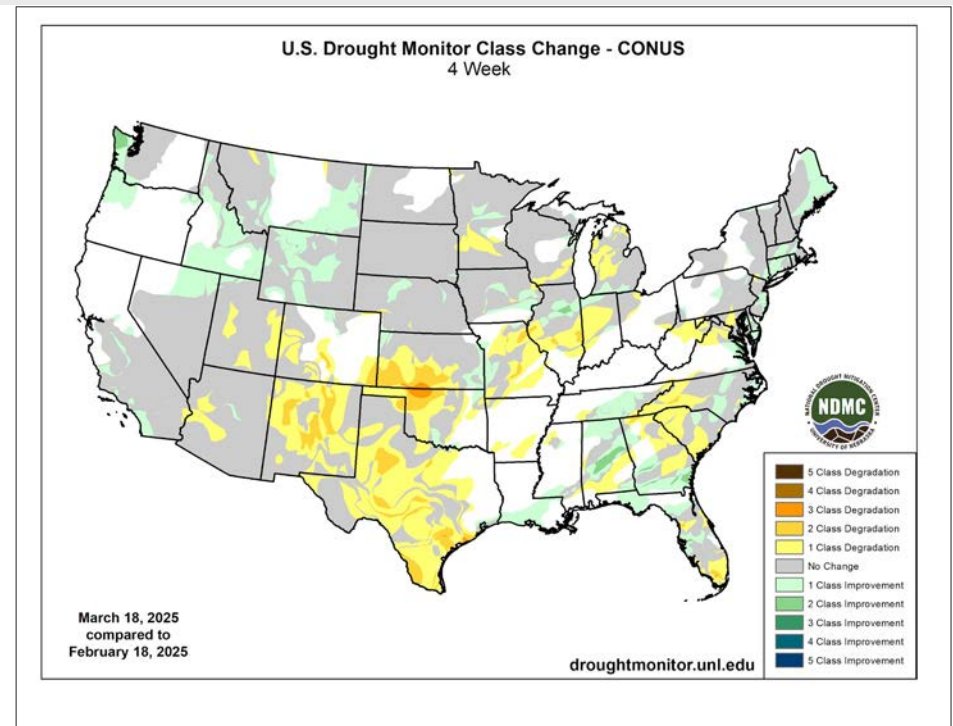
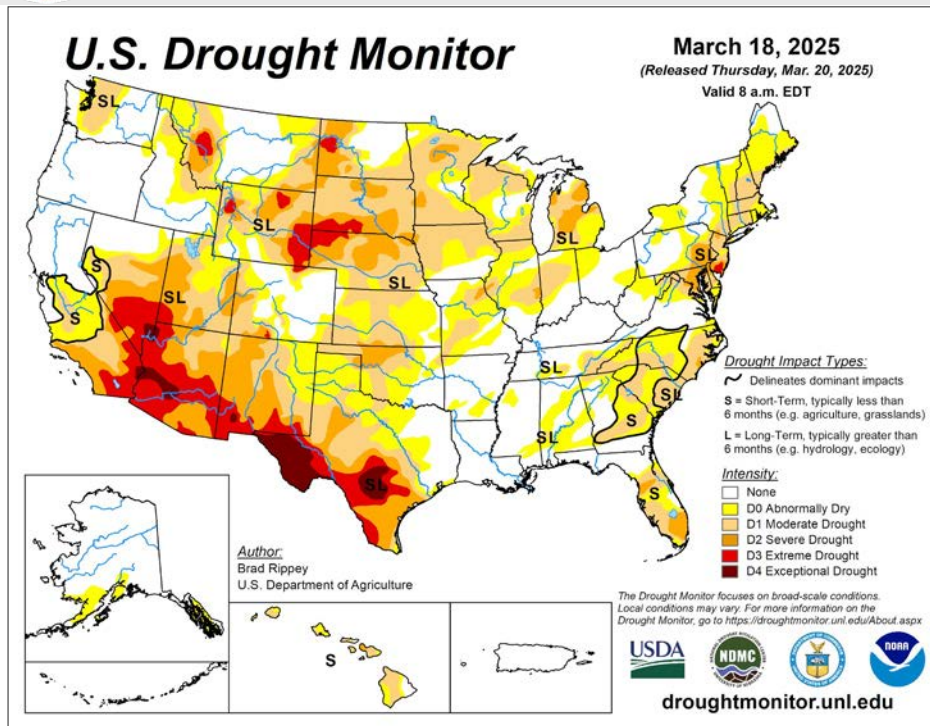
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Latest Drought Monitor

March 27, 2025
9:20 AM



- Drought conditions present across eastern areas of the Northeast and Mid Atlantic. Extreme drought conditions (D3) across southern New Jersey.
- Drought improvement has continued for portions of the Northeast and Mid Atlantic. Some degradation across West Virginia, northern Virginia and into western Maryland.



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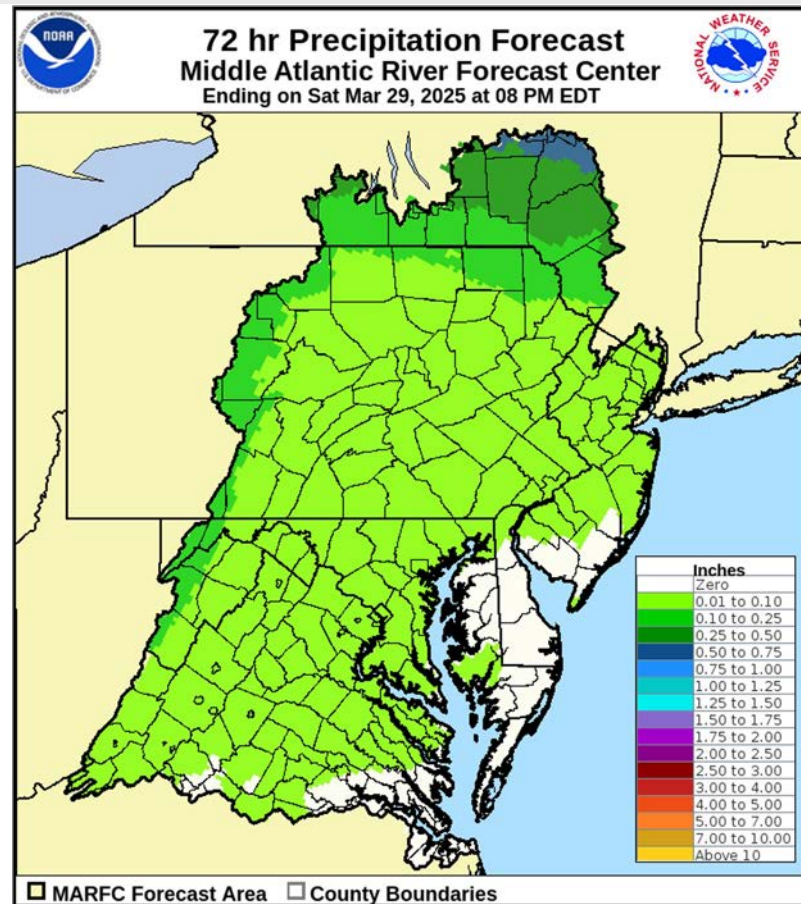
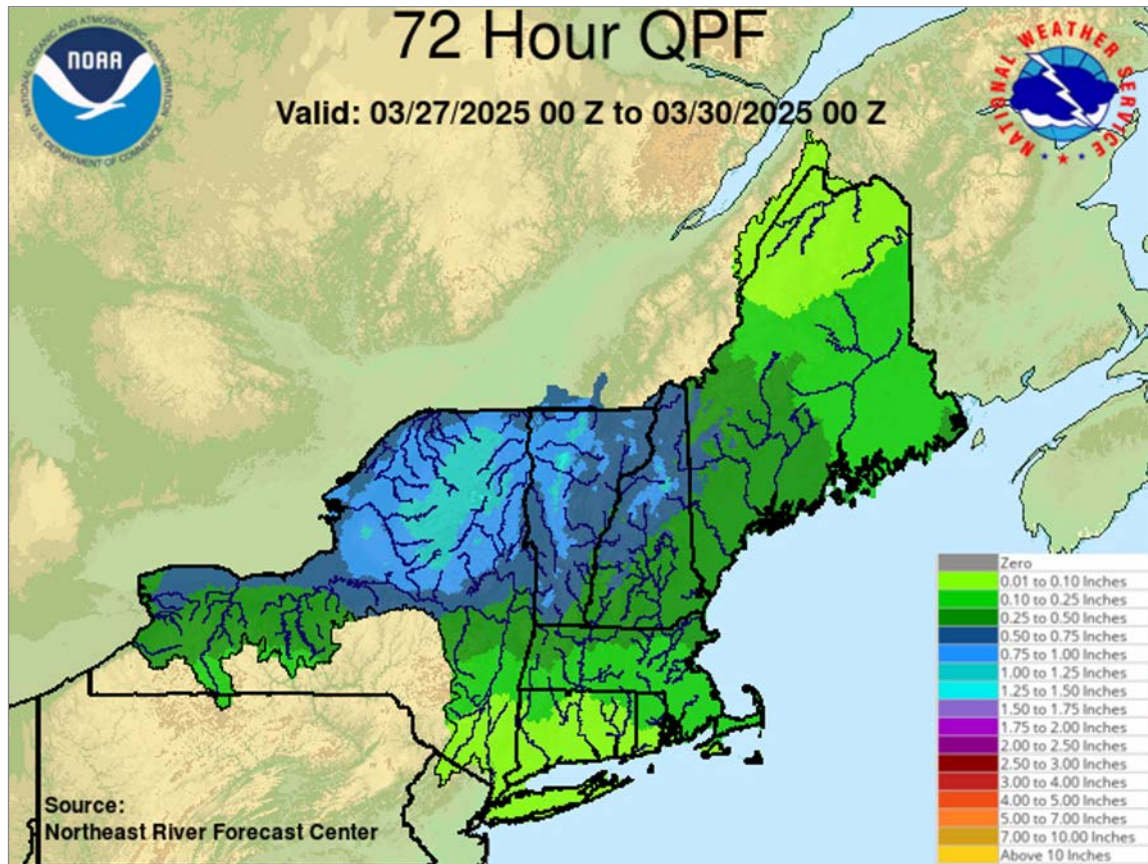
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Precipitation Forecast

March 27, 2025
9:20 AM

Valid for next 72 hrs (Ending 8 PM Saturday)



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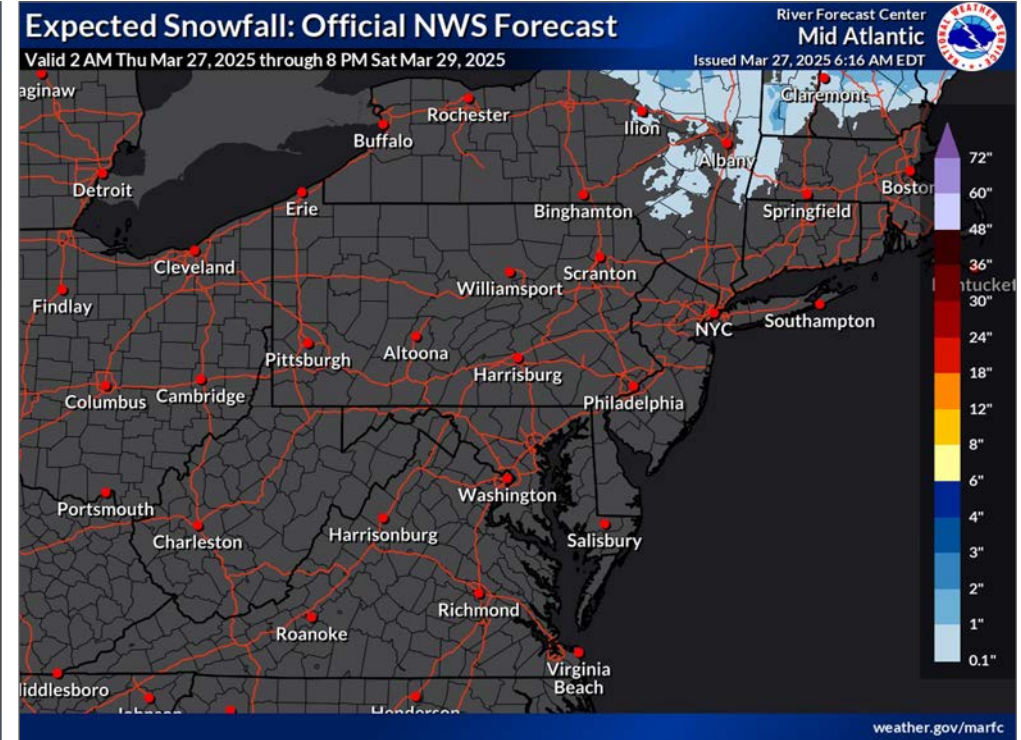
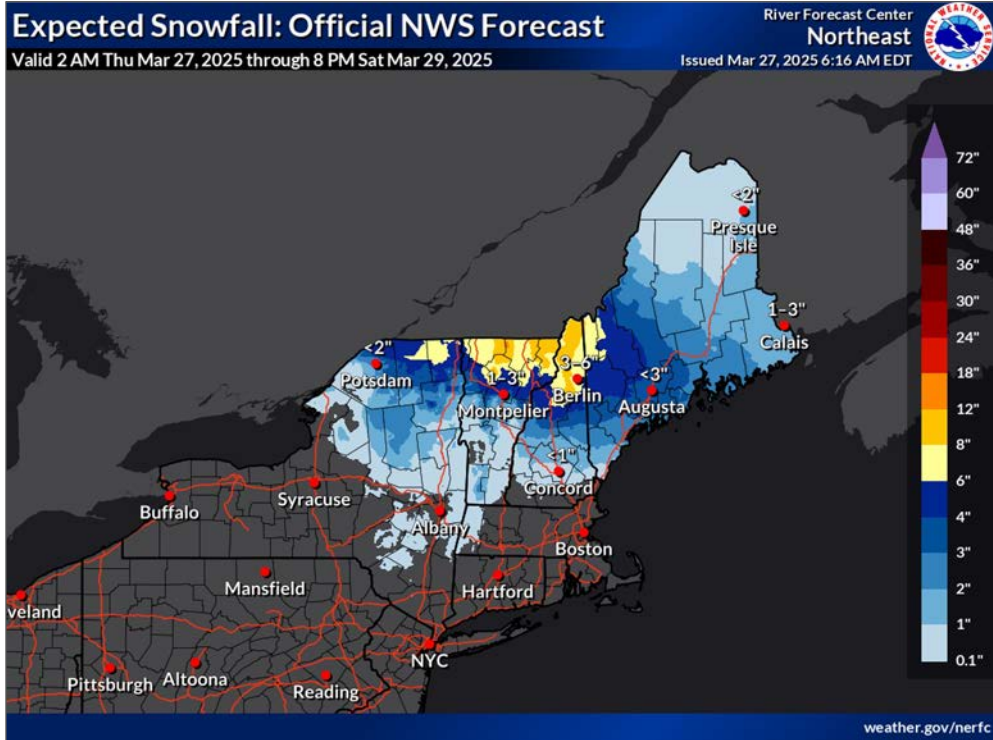
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Snowfall Forecast

March 27, 2025
9:20 AM

Valid for next 72 hrs (Ending 8 PM Saturday)



- Two quick moving low pressure systems will bring accumulating snowfall across much of northern New England. Highest totals along the International Border in New York, Vermont, and New Hampshire later today through Saturday.
- Little to no snow across southern areas.



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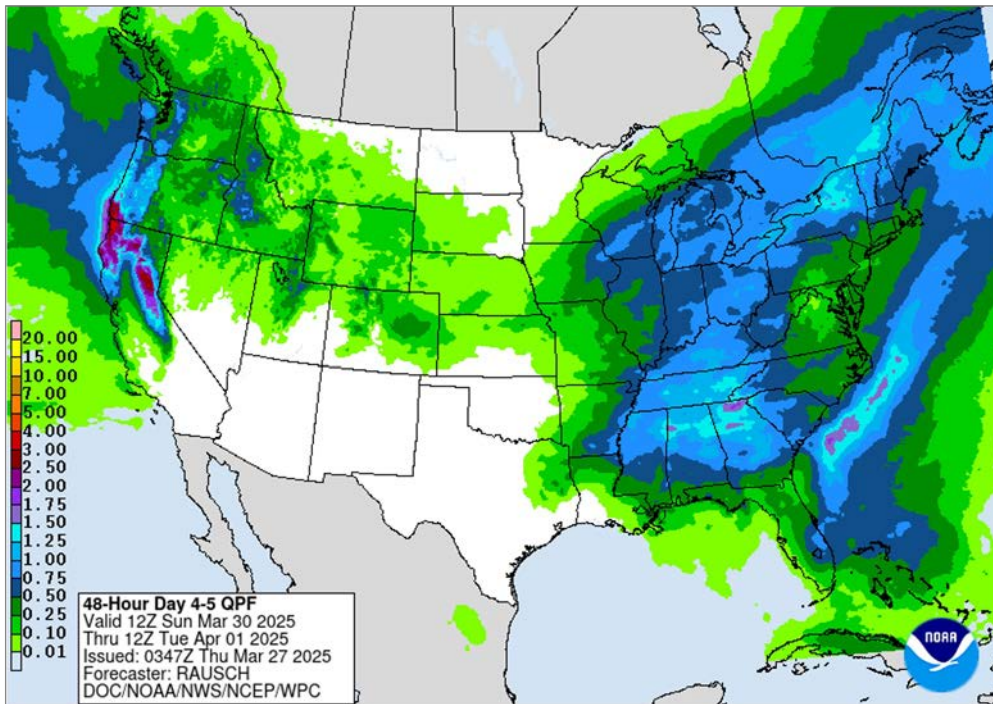
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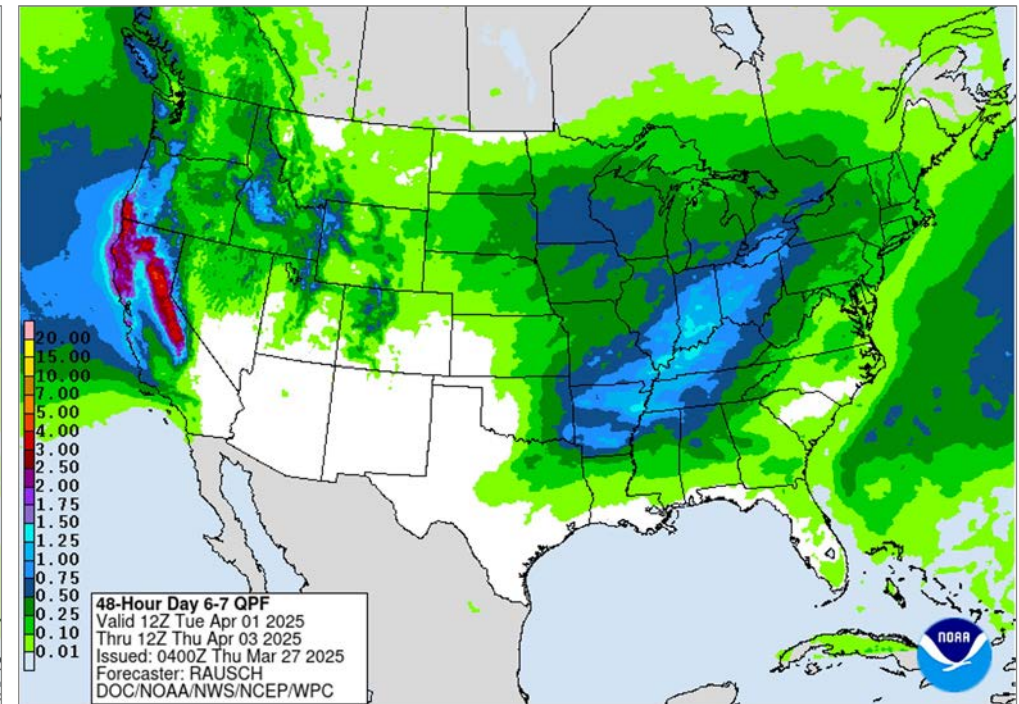
Day 4-7 Forecast

March 27, 2025
9:20 AM

Valid Sunday through Tuesday



Valid Tuesday through Thursday



- Active pattern with a frontal system moving through into early next week. This brings widespread 1-1.5+ inches across much of the Northeast and Mid Atlantic.
- Unfortunately southeastern portions of the Mid Atlantic may only receive up to 0.75 inches of precipitation.



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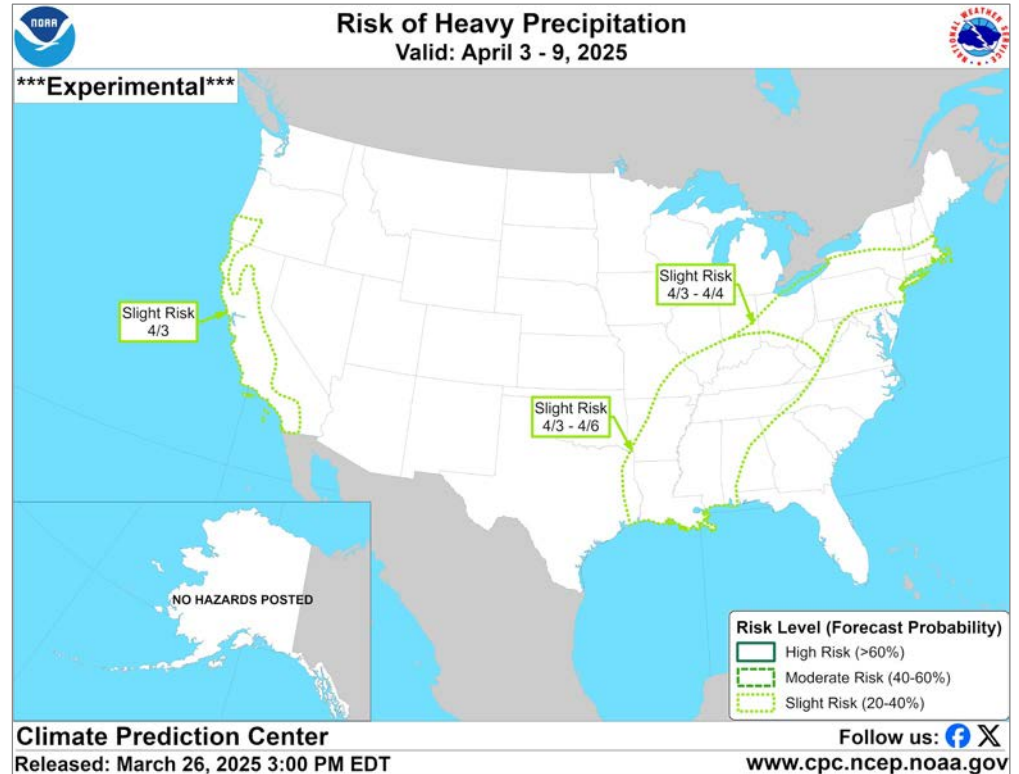
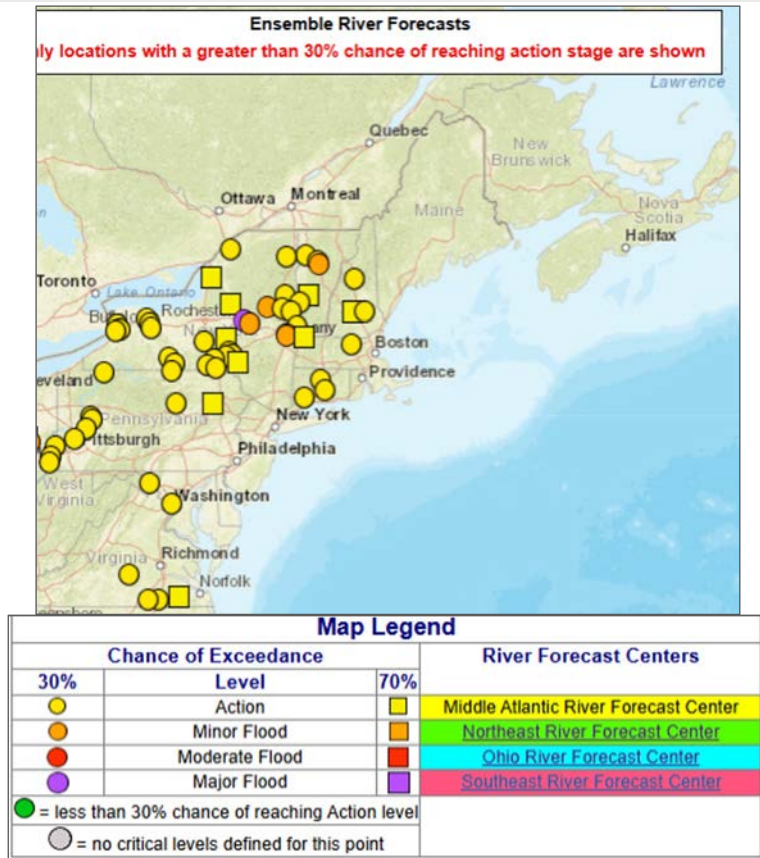
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Ensemble River Forecasts

March 27, 2025
9:20 AM

Low probabilities (30%) of Minor Flooding across central/eastern NY for late March/early April.



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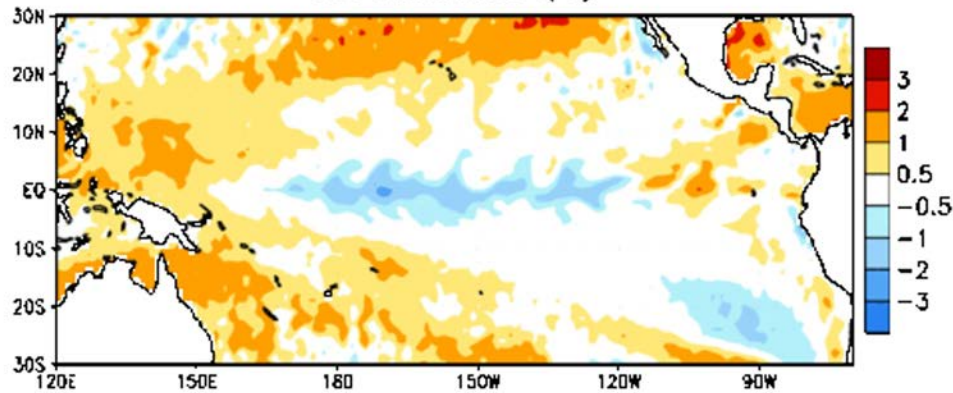


ENSO Update

March 27, 2025
9:20 AM

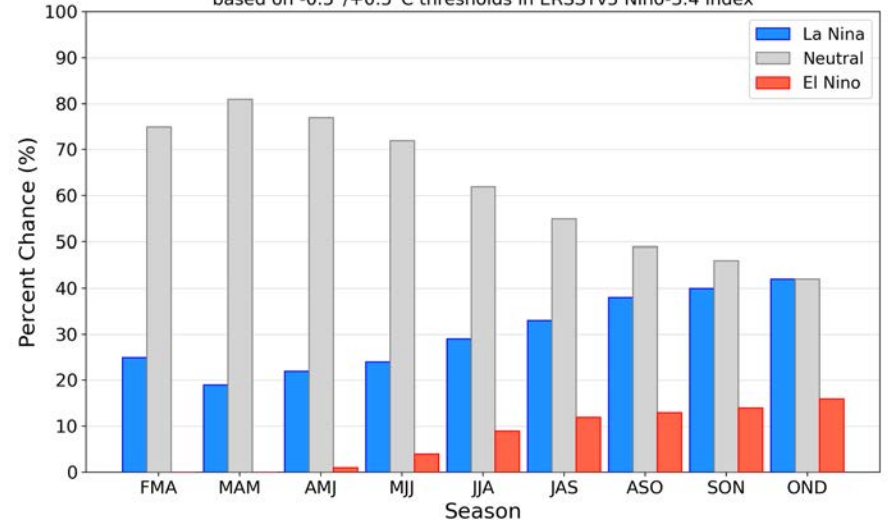
Still under at La Niña Advisory

Week centered on 01 JAN 2025
SST Anomalies (°C)



Official NOAA CPC ENSO Probabilities (issued March 2025)

based on $-0.5^{\circ}/+0.5^{\circ}\text{C}$ thresholds in ERSSTv5 Niño-3.4 index



- La Niña conditions are still present as equatorial Pacific SSTs are still near to below average in the central Pacific Ocean. Across the eastern Pacific Ocean SSTs are above average.
- ENSO Neutral Conditions favored to develop during the next month and is likely to persist through this summer.



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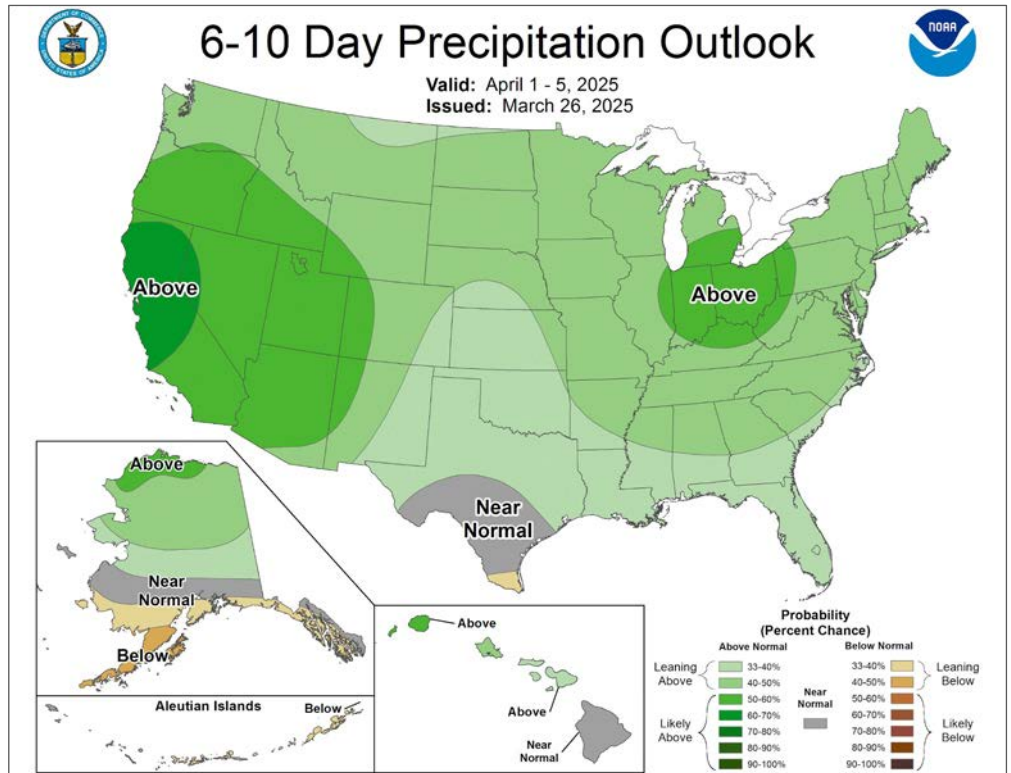
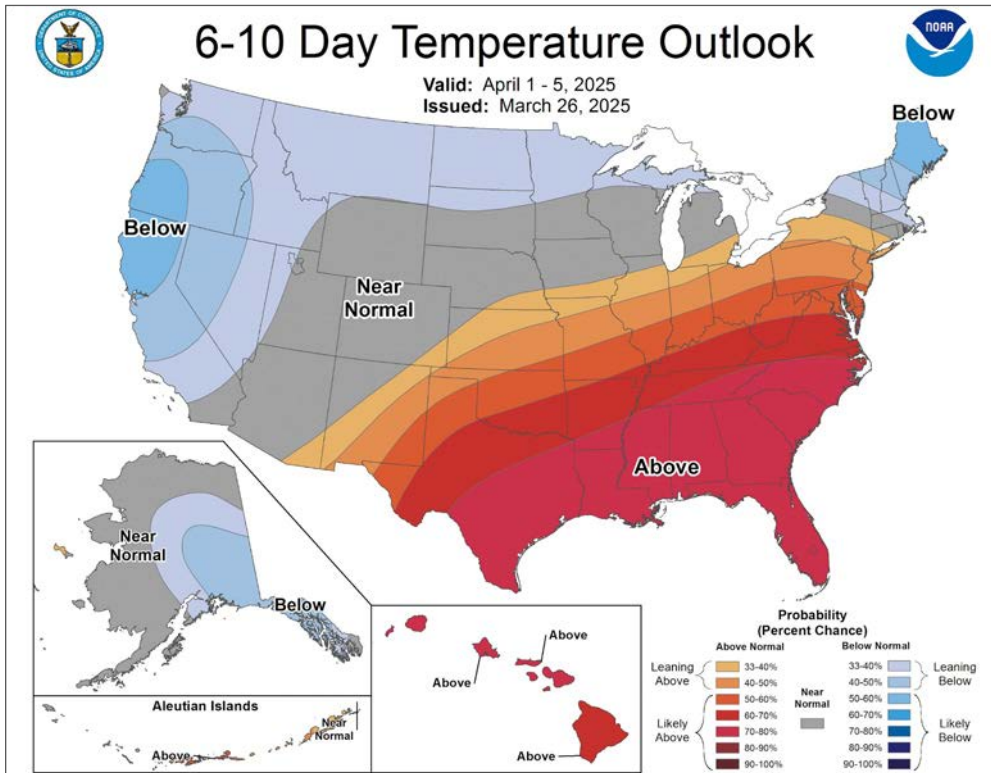
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6-10 Day Outlook

March 27, 2025
9:20 AM

Valid April 1-5, 2025



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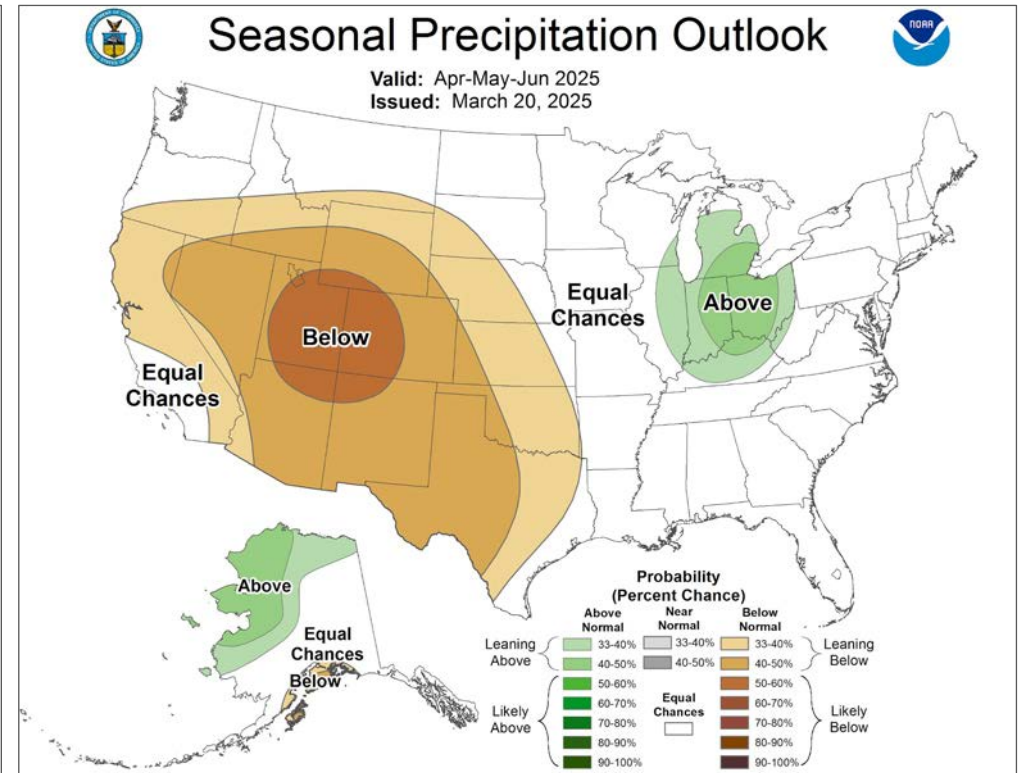
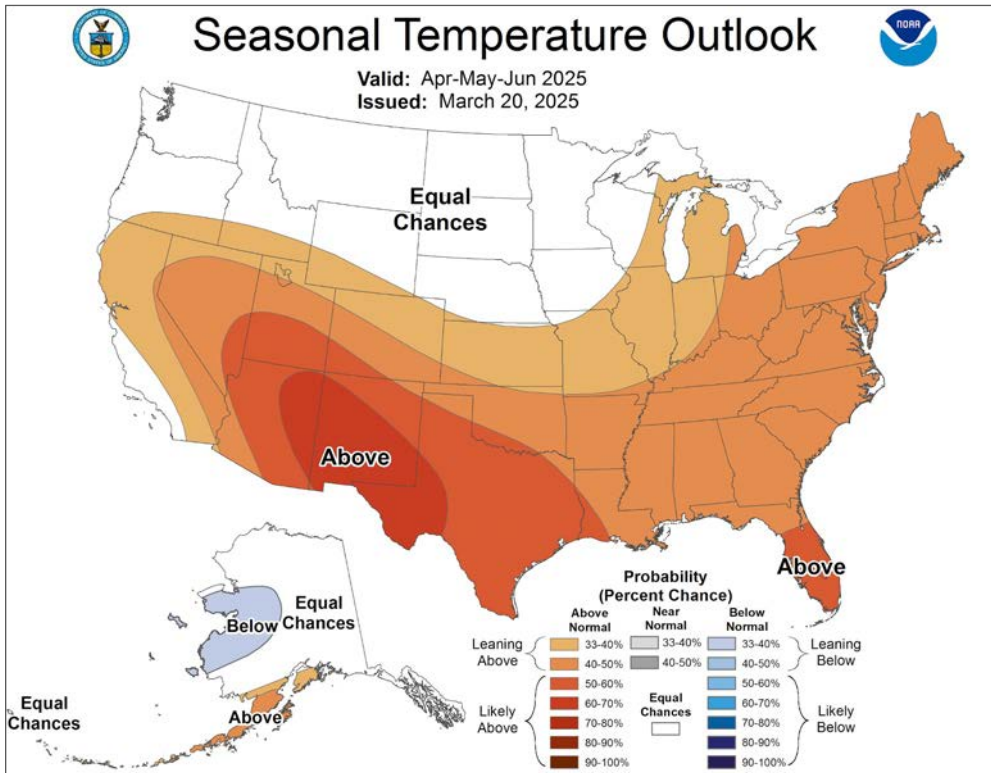
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Latest 3 Month Outlook

March 27, 2025
9:20 AM

Valid for April, May and June 2025



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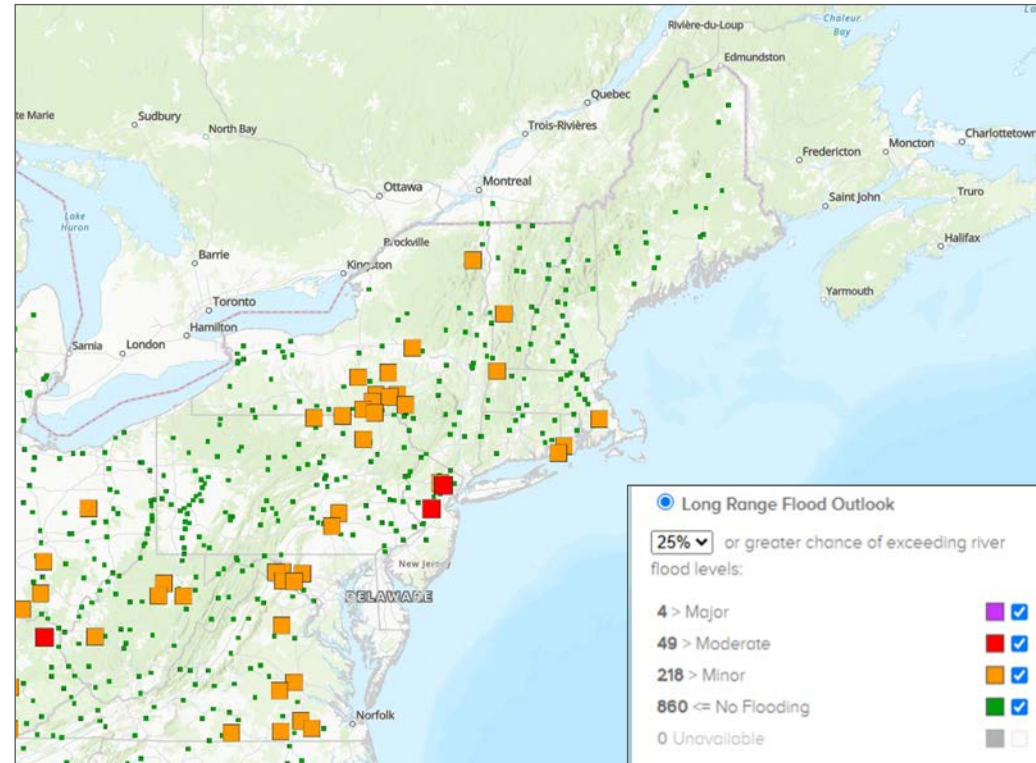


Summary

March 27, 2025
9:20 AM

Key Messages

- Active progressive wet pattern in the near term (roughly the next 2 weeks). Could see some increase in snowpack across northern New England given the cooler temperatures.
- Unfortunately little if any relief to the drought conditions across central and eastern portions of the Mid Atlantic.
- Long range flood outlook shows the points that have a 25% chance or greater of exceeding flood stage through the end of May.
- Any locations that are green indicate that there is less than a 25% chance of exceeding flood levels.
- Generally, the potential for New England and the Mid Atlantic is near to below normal.



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