



MA Drought Management Task Force NWS Update

Wednesday October 8th 2025

Prepared by: NWS WFO Boston/Norton, MA

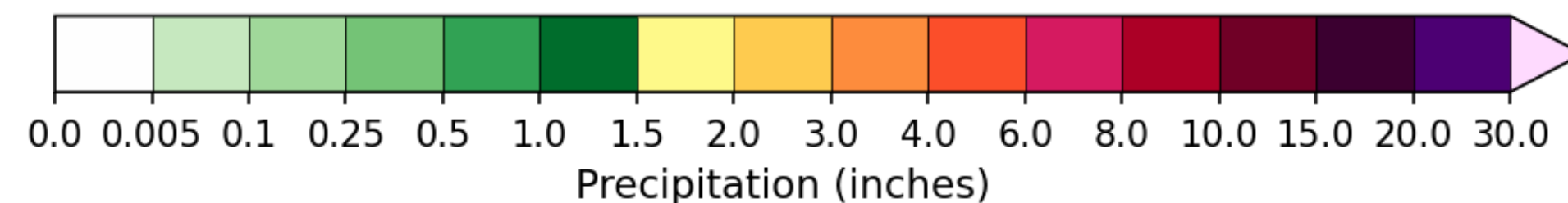
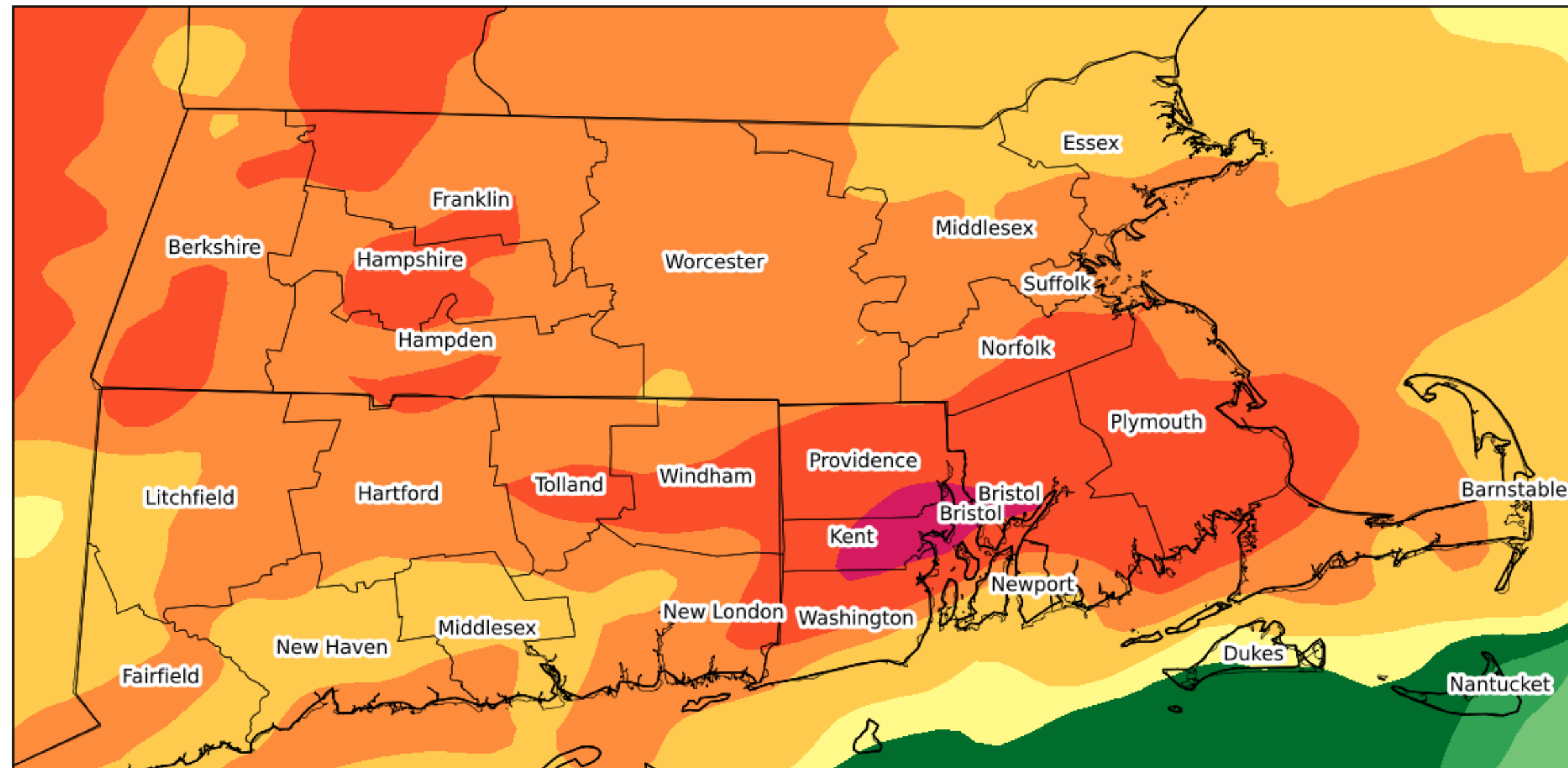
Precipitation & Departures



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Precipitation

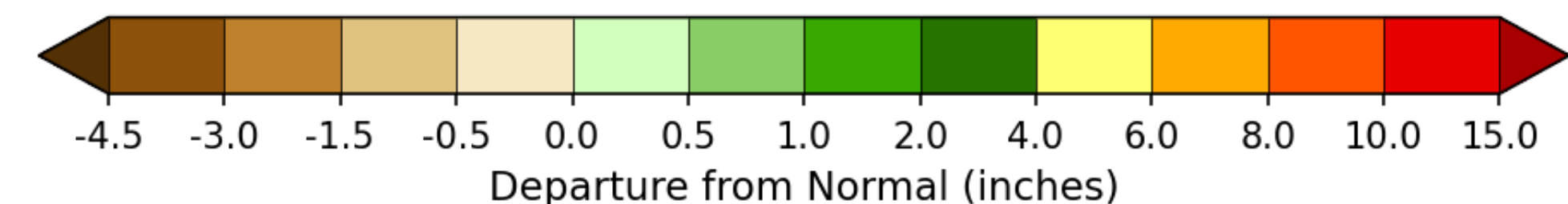
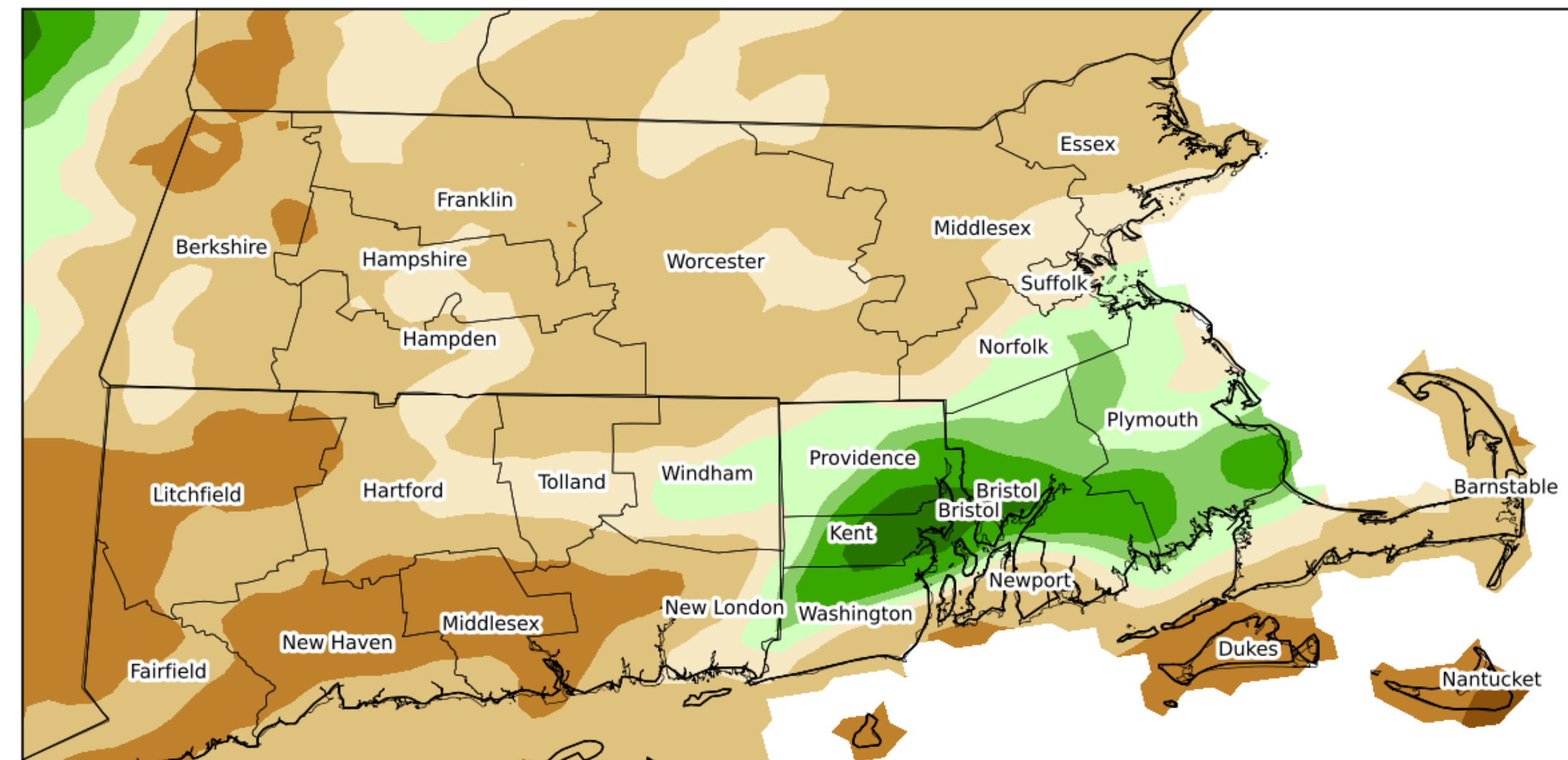
Accumulated Precipitation (inches)
September 1, 2025 - September 30, 2025



3-4" inch totals for western/central MA
4-6" for southeast MA
1.5-3" ofor Cape/Islands

Departure from Normal

Precipitation Departure from Normal (inches)
September 1, 2025 - September 30, 2025



Generally 0.5 to 1.5 inches below normal
Up to 1-2" above normal for southeast MA
Islands 1.5 to 3" below normal

3 and 6 Month Percent of Normal

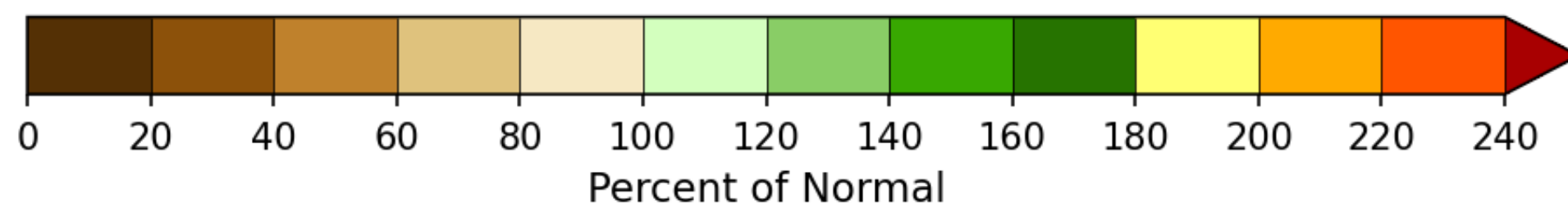
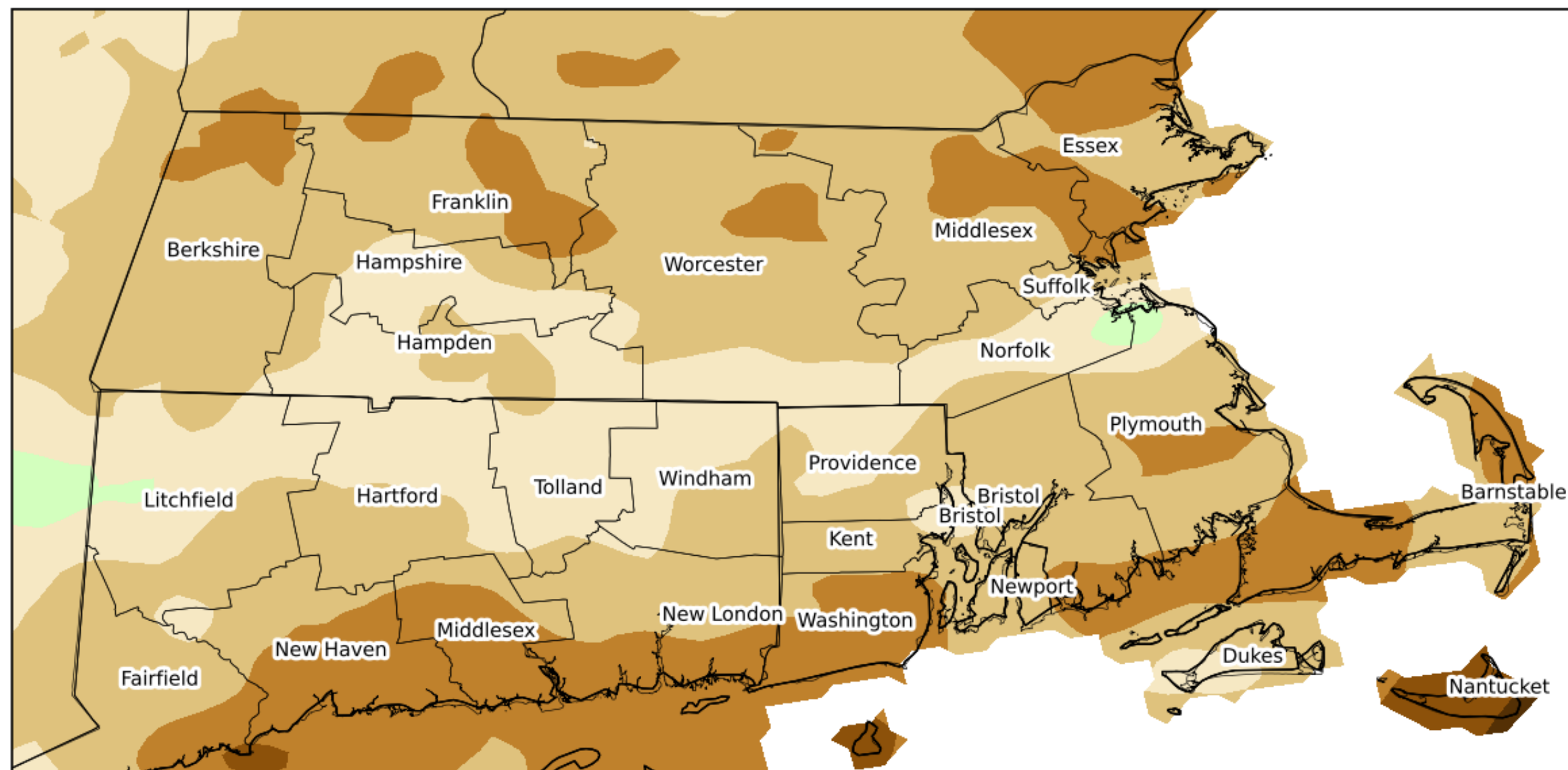


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Last 3 Months (July-September)

- Below normal since July 1st
- Generally 60-80% of climatological normal
- Pockets of 40-60% of normal
- Nantucket < 40% of normal

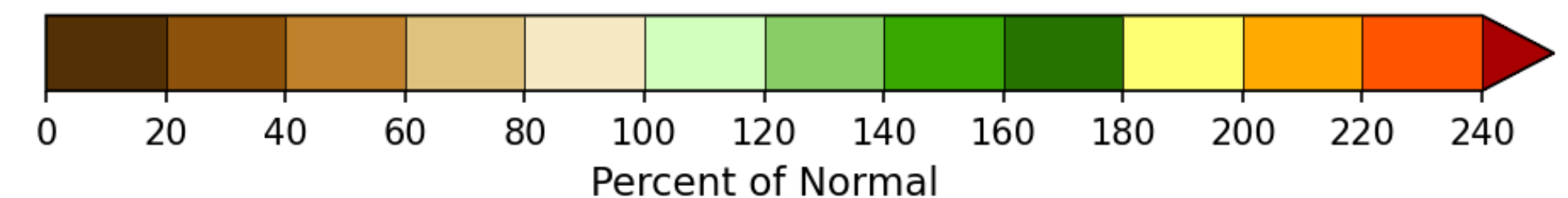
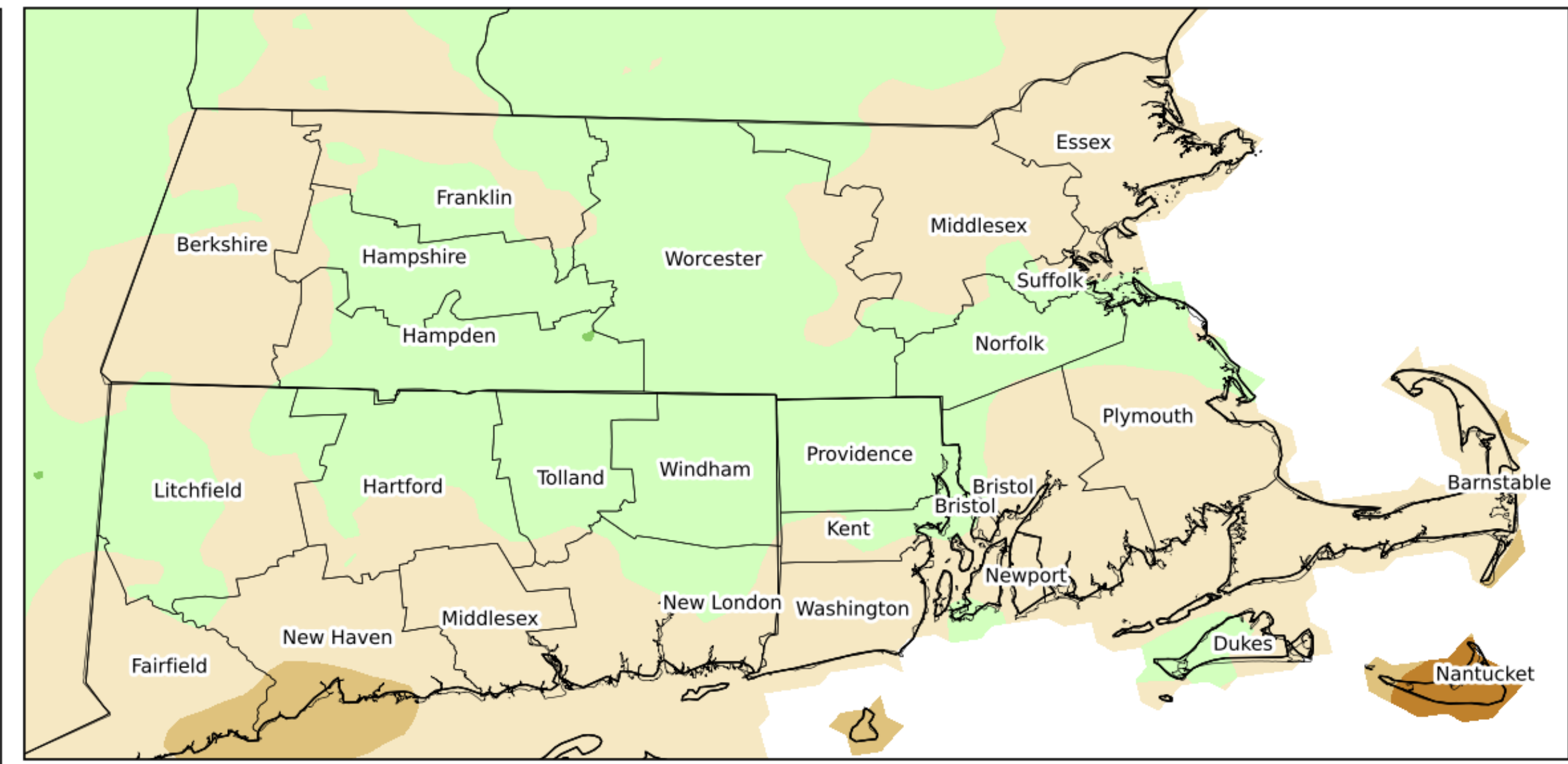
Precipitation Percent of Normal
July 1, 2025 - September 30, 2025



Last 6 Months (April - September)

- Near Normal since March 1st
- Nantucket 40-60% of normal

Precipitation Percent of Normal
April 1, 2025 - September 30, 2025



7 Day Precipitation Forecast

Tuesday 10/7-Tuesday 10/14



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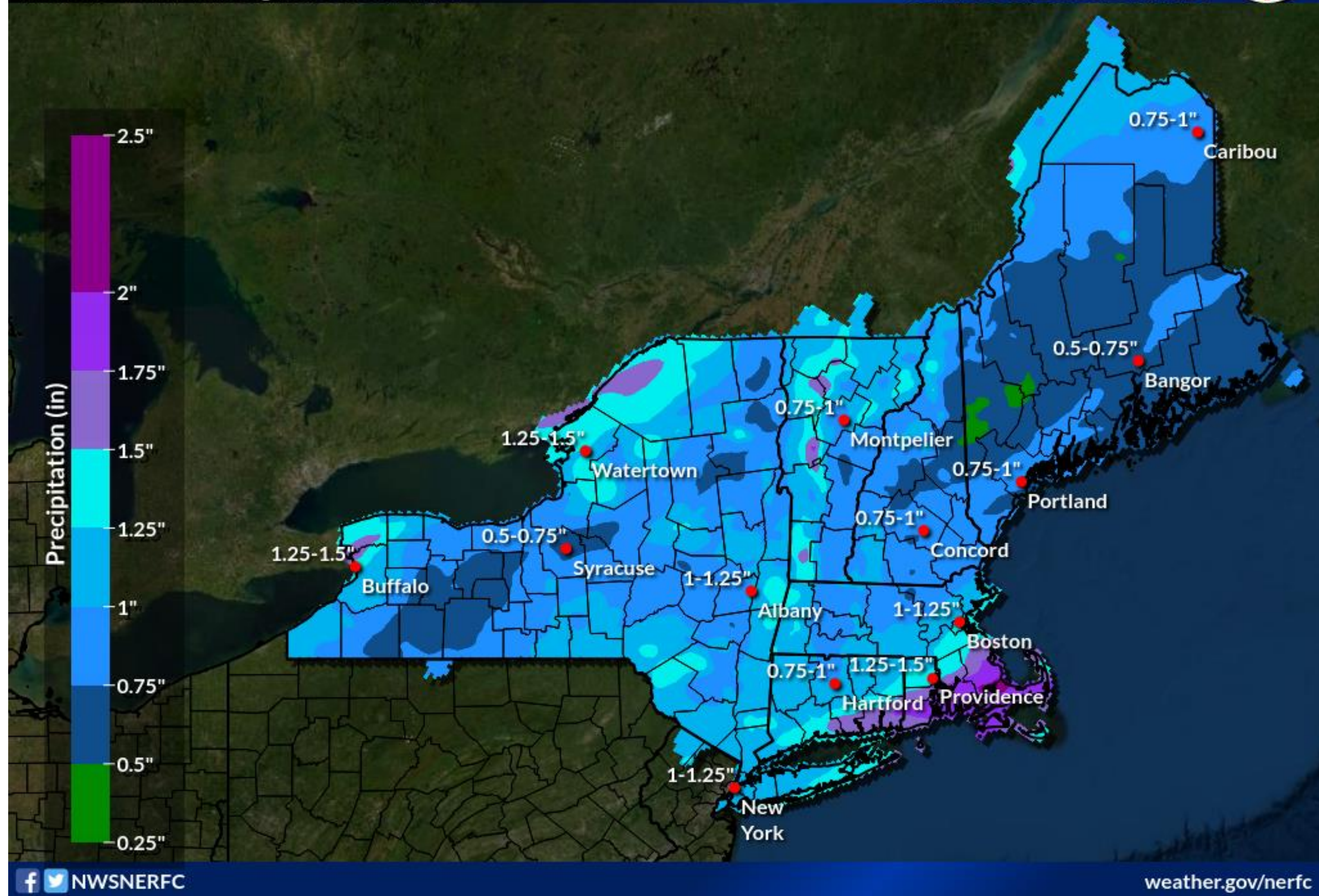
- Two Potential Rainfall Events
 - Cold front Tuesday night/Wednesday
 - Coastal storm this weekend
- 1.5 – 2.5" of rain forecast through early next week over southeast MA, Cape, and Islands
- 0.75-1.5" of rain across interior MA

7 Day WPC Precipitation Forecast

Valid Tue 8:00AM through Tue 8:00AM EDT

River Forecast Center
Northeast RFC

Issued Oct 07, 2025 8:05 AM EDT



Long Range Ensemble Forecast

10 Day High End/Low End Forecast Precipitation Amounts

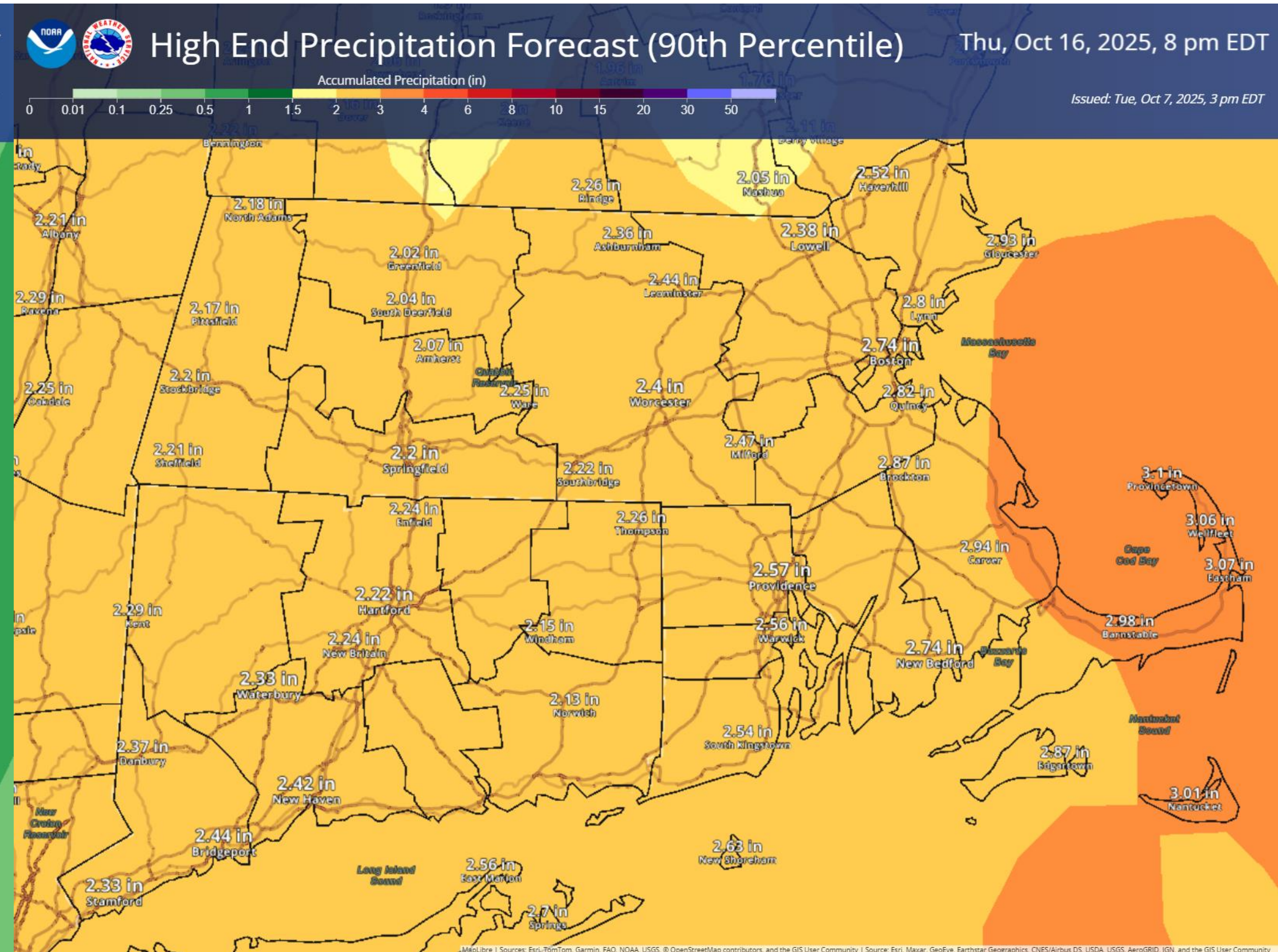
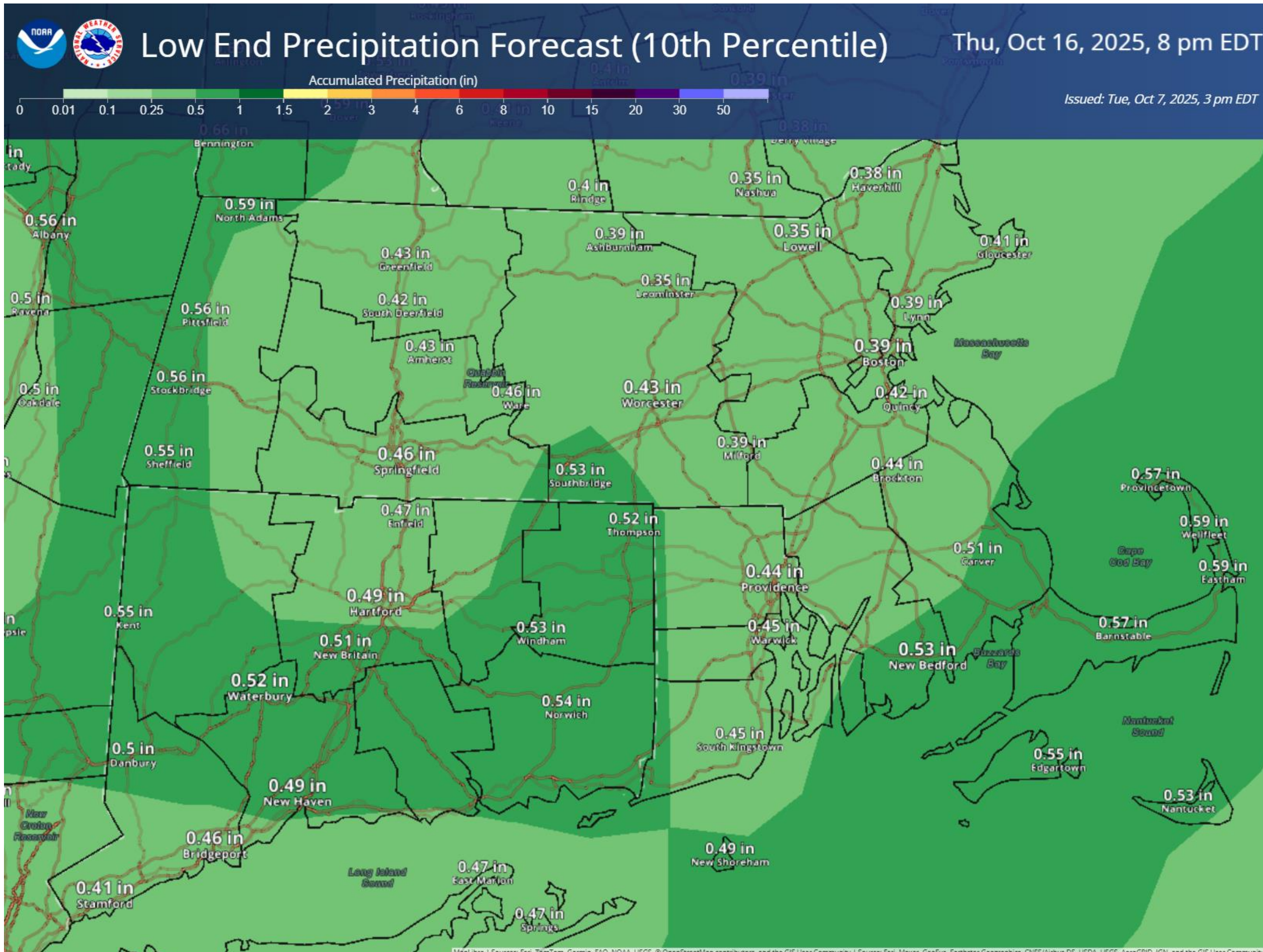


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- 100 Forecast Models
- ~90 predict 10 Day QPF > 0.4-0.6"

- 100 Forecast Models
- ~10 predict 10 Day QPF > 2-3"



Monday, October 6, 2025

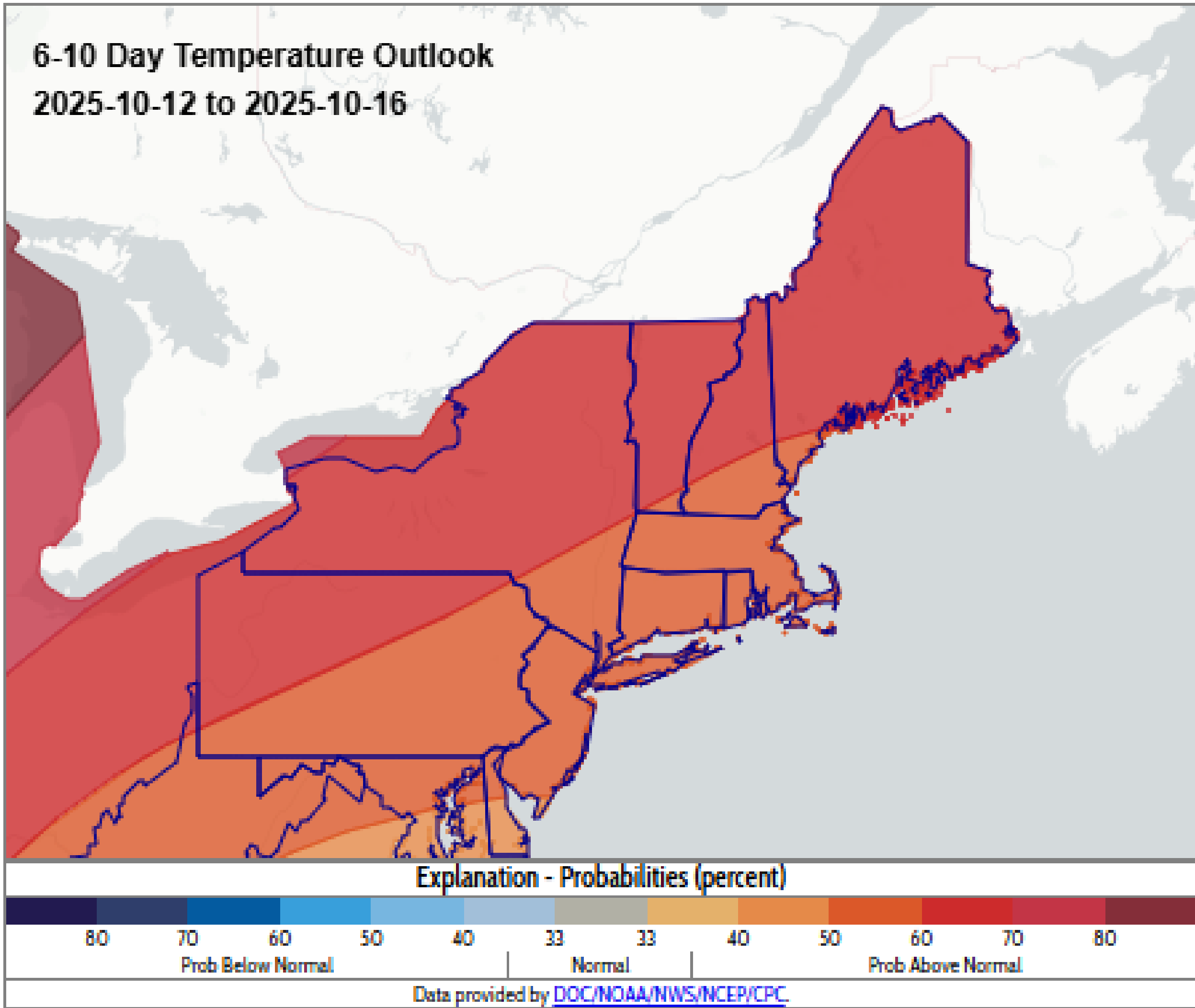
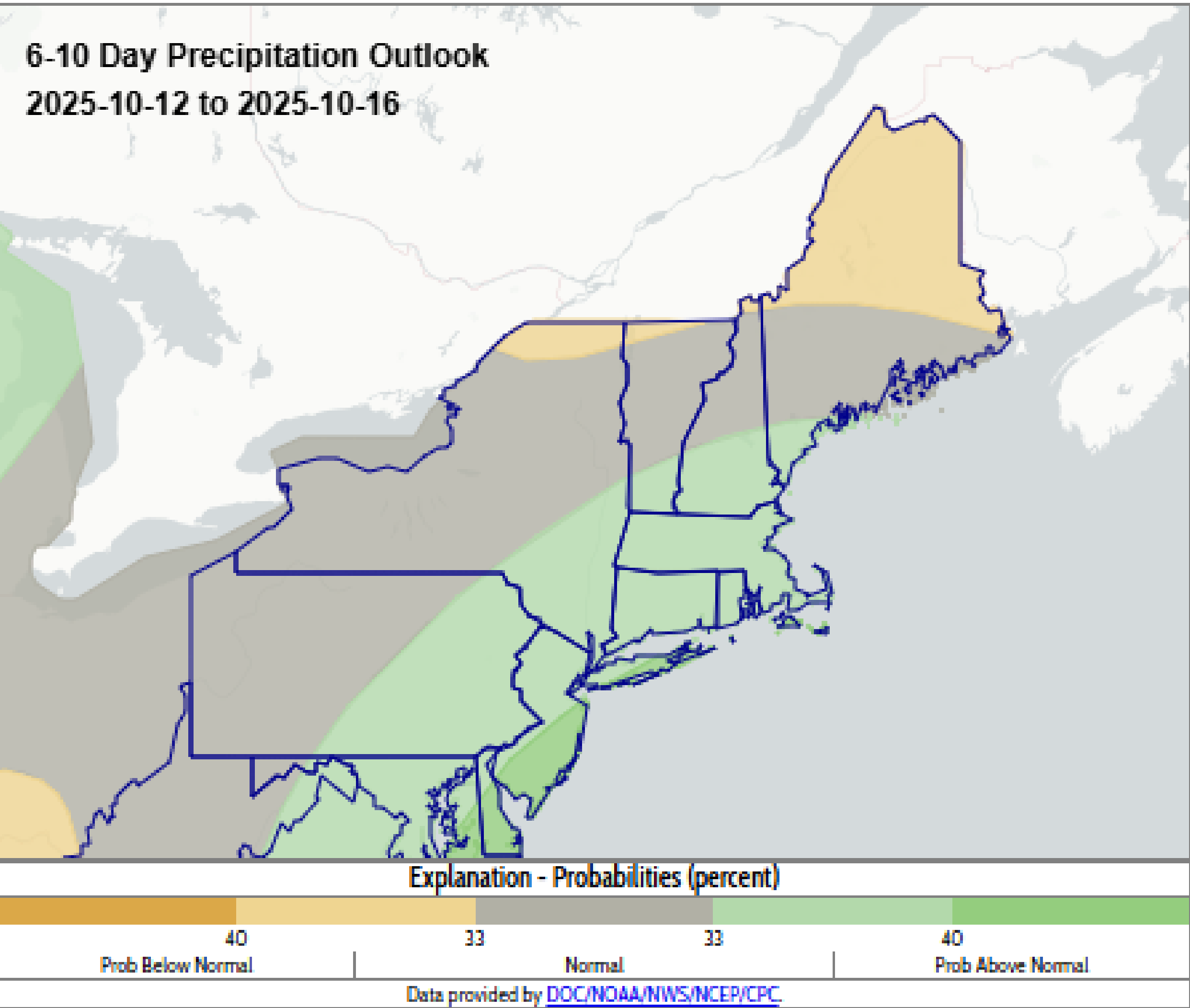
www.weather.gov/box

Outlook: October 12th -16th



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Odds favor above normal precipitation and above normal temperatures

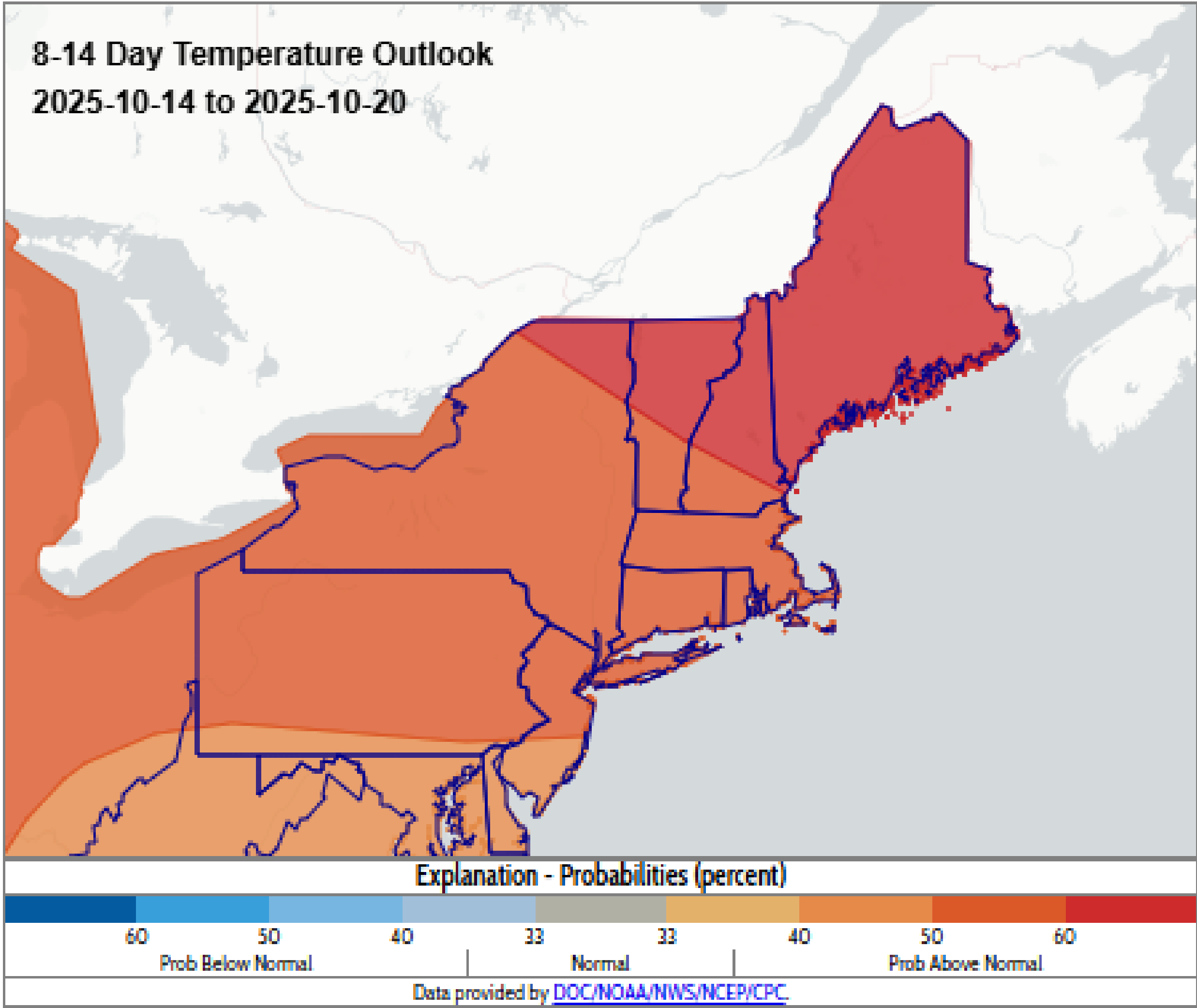
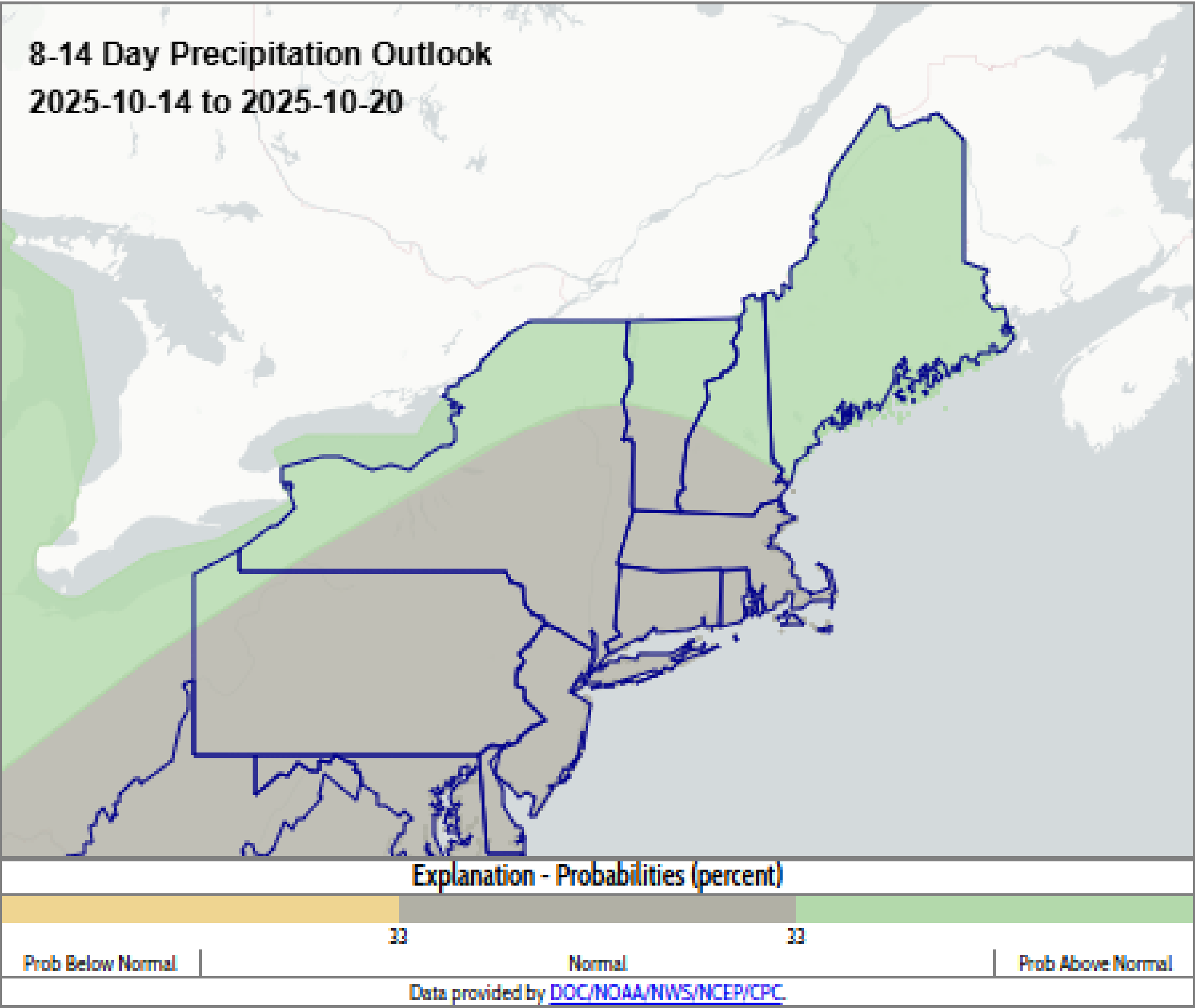


Outlook: October 14th -20th



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Odds favor near normal precipitation with above normal temperatures likely





Equal Chances for Above or Below Normal Precip

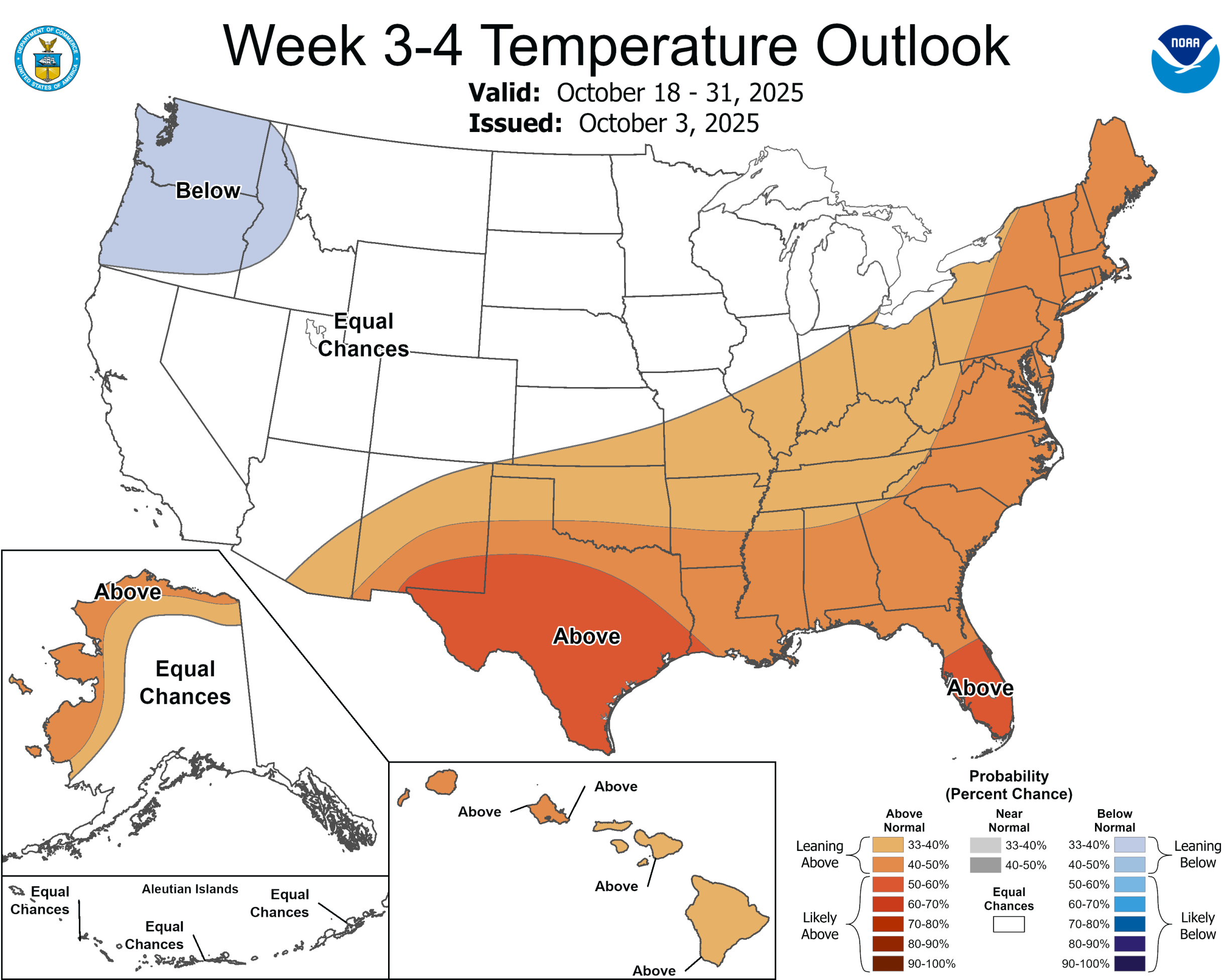
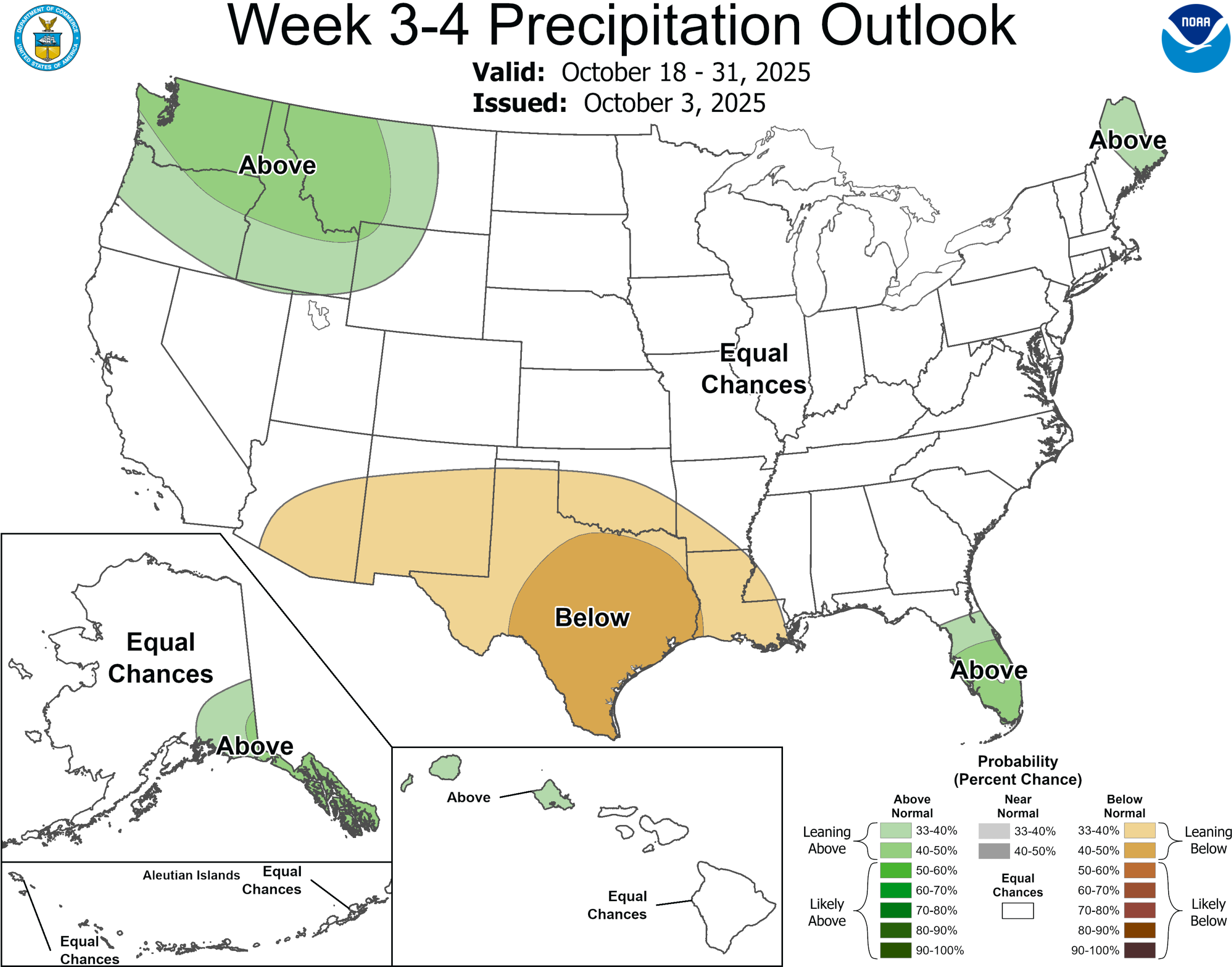
Leaning Above Normal Temperatures

Week 3-4 Precipitation Outlook

Week 3-4 Temperature Outlook

Valid: October 18 - 31, 2025
Issued: October 3, 2025

Valid: October 18 - 31, 2025
Issued: October 3, 2025



Outlook for Sep, Oct, Nov

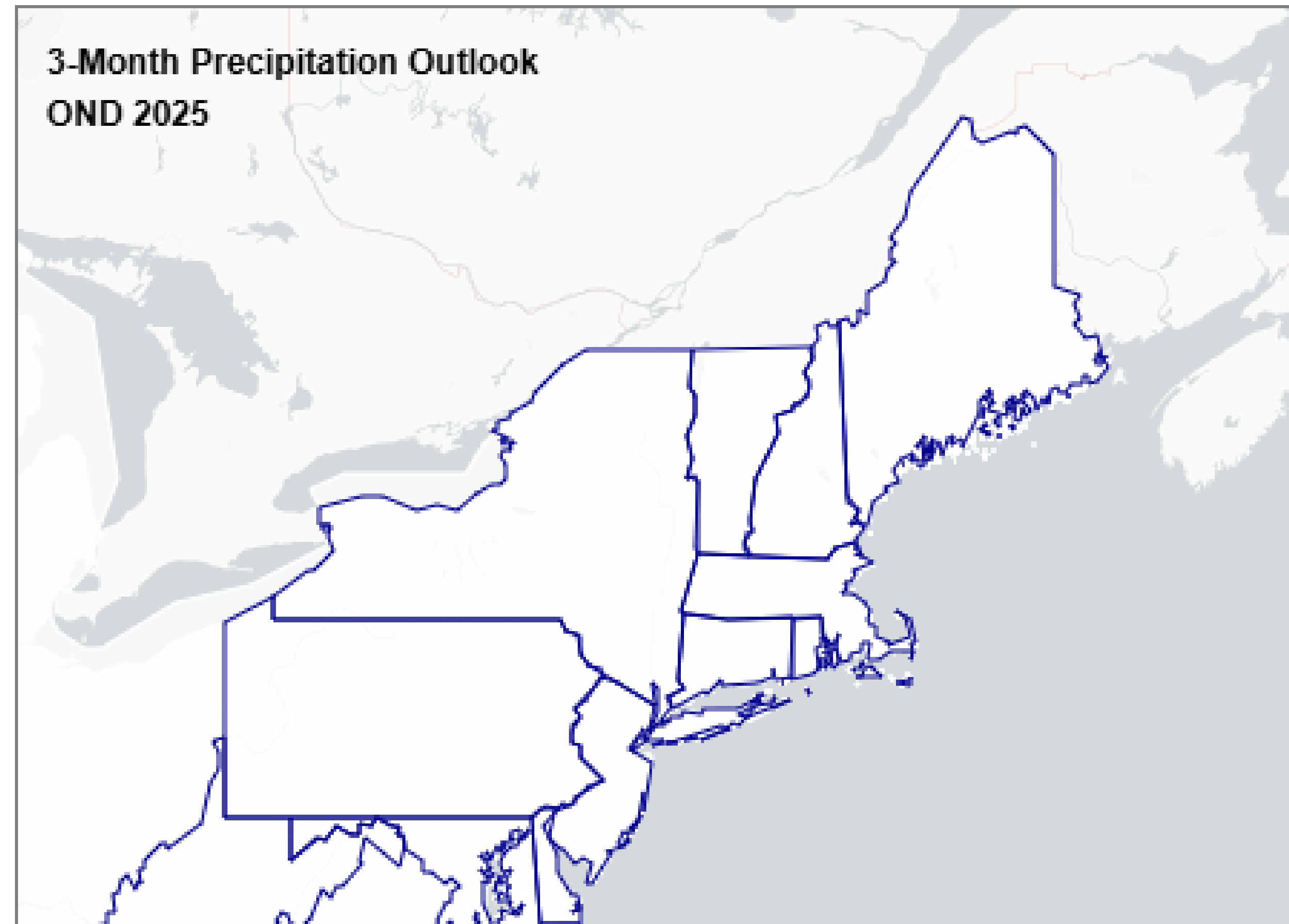


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Equal Chances for Above/Below Normal Precipitation.

Above Normal Temperatures Likely

3-Month Precipitation Outlook
OND 2025



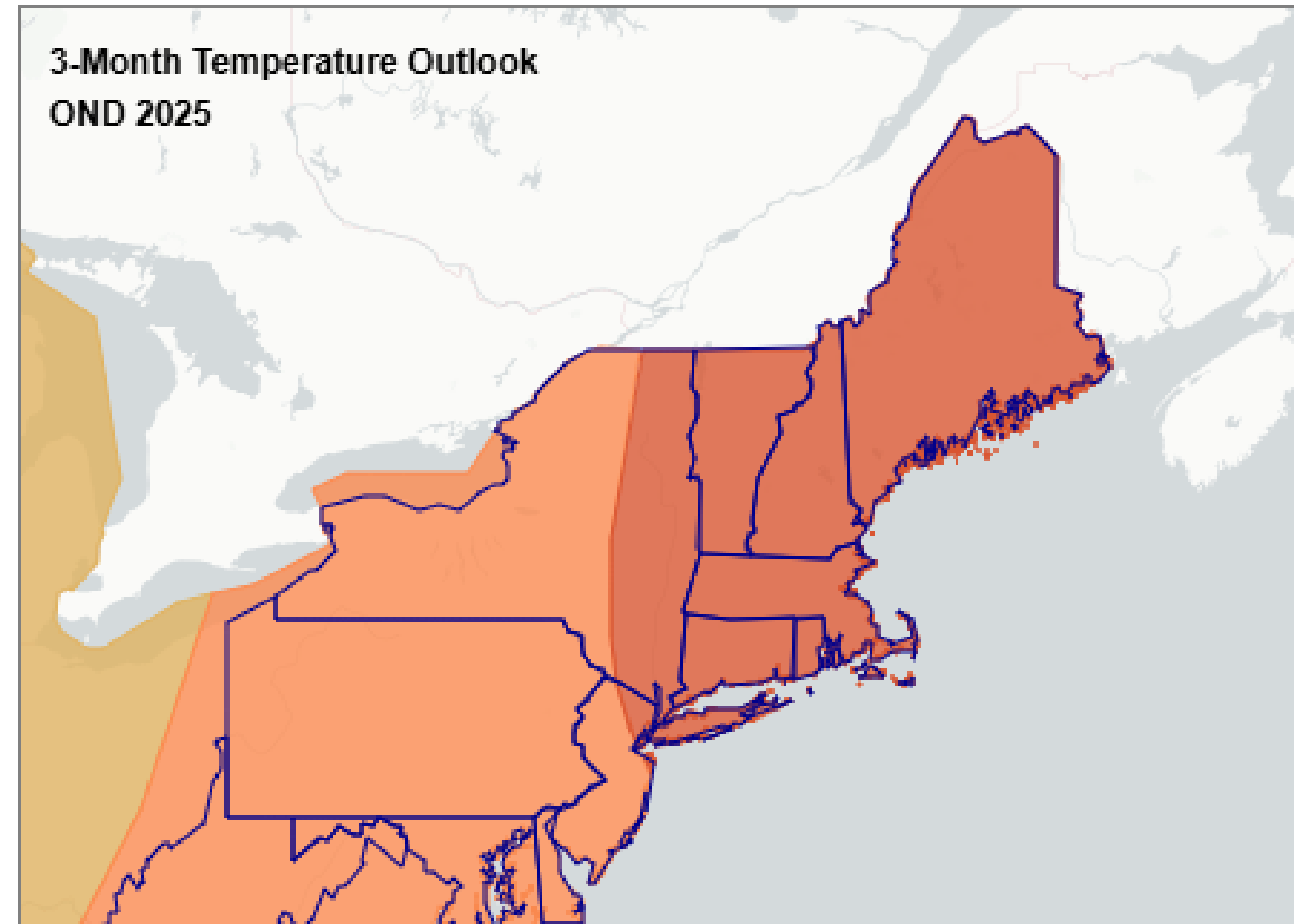
Explanation - Probabilities (percent)



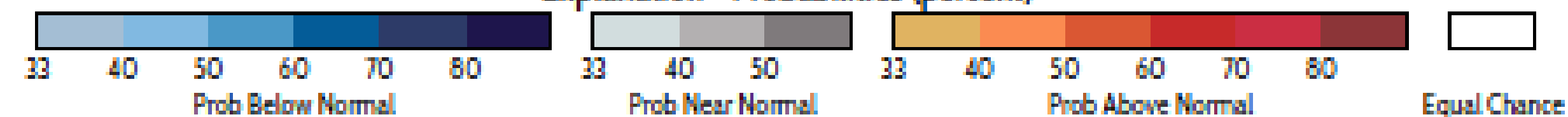
Data provided by [DOC/NOAA/NWS/NCEP/CPC](https://www.noaa.gov/data/monitoring-assessment-data/)

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3-Month Temperature Outlook
OND 2025



Explanation - Probabilities (percent)



Data provided by [DOC/NOAA/NWS/NCEP/CPC](https://www.noaa.gov/data/monitoring-assessment-data/)

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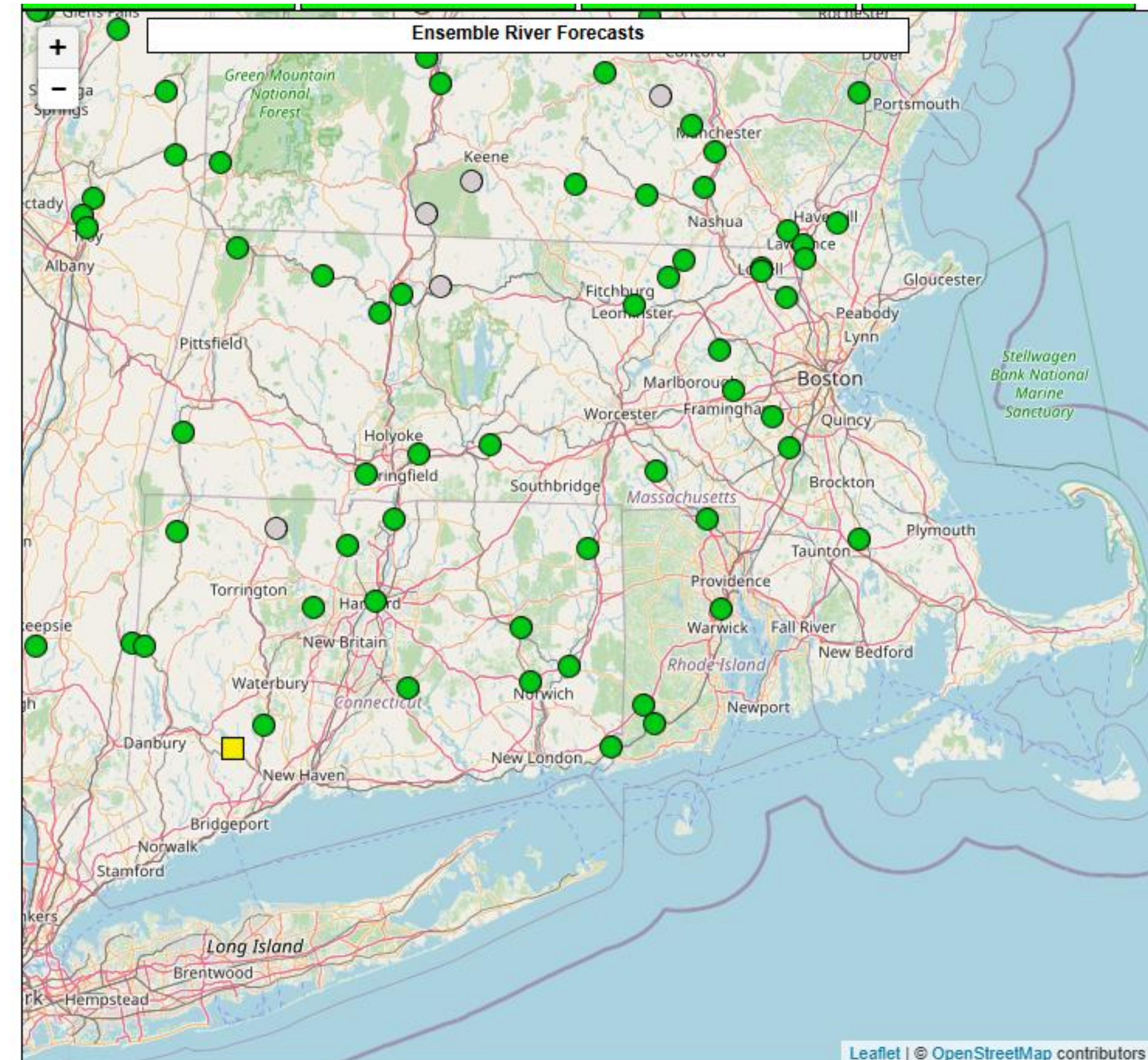
Latest River Forecasts

No river flooding anticipated during the next ten days.



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- A 52 member ensemble run for all NERFC forecast points to give us an idea of the possible range of river flows out 10 days.
- No Flooding Forecast





September:

- 3-6” accumulations across The Commonwealth
- Departures generally 0.5-1.5 inches below normal
- Southeast MA received 0.5 – 1.5 inches above normal.
- Cape/Islands 1.5 to 3” below normal

Longer Range Precipitation Departures:

- 3-month deficits for most of state (40-80% of normal)
- 6-month precipitation within 20% of normal across most of MA
- Nantucket (40-60% of normal last 6 months)

Outlook:

- 7 Day Outlook is favorable for appreciable rainfall
- Outlook leaning near or above normal beyond 7 days