



MA Drought Management Task Force

NWS Update

Wednesday August 6th 2025

Prepared by: NWS WFO Boston/Norton, MA

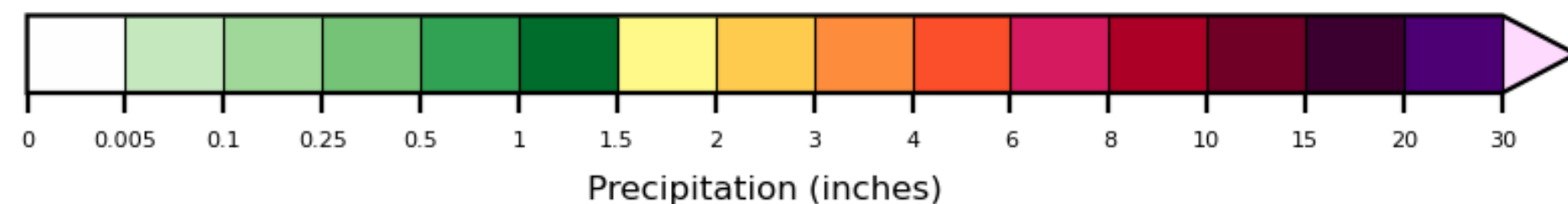
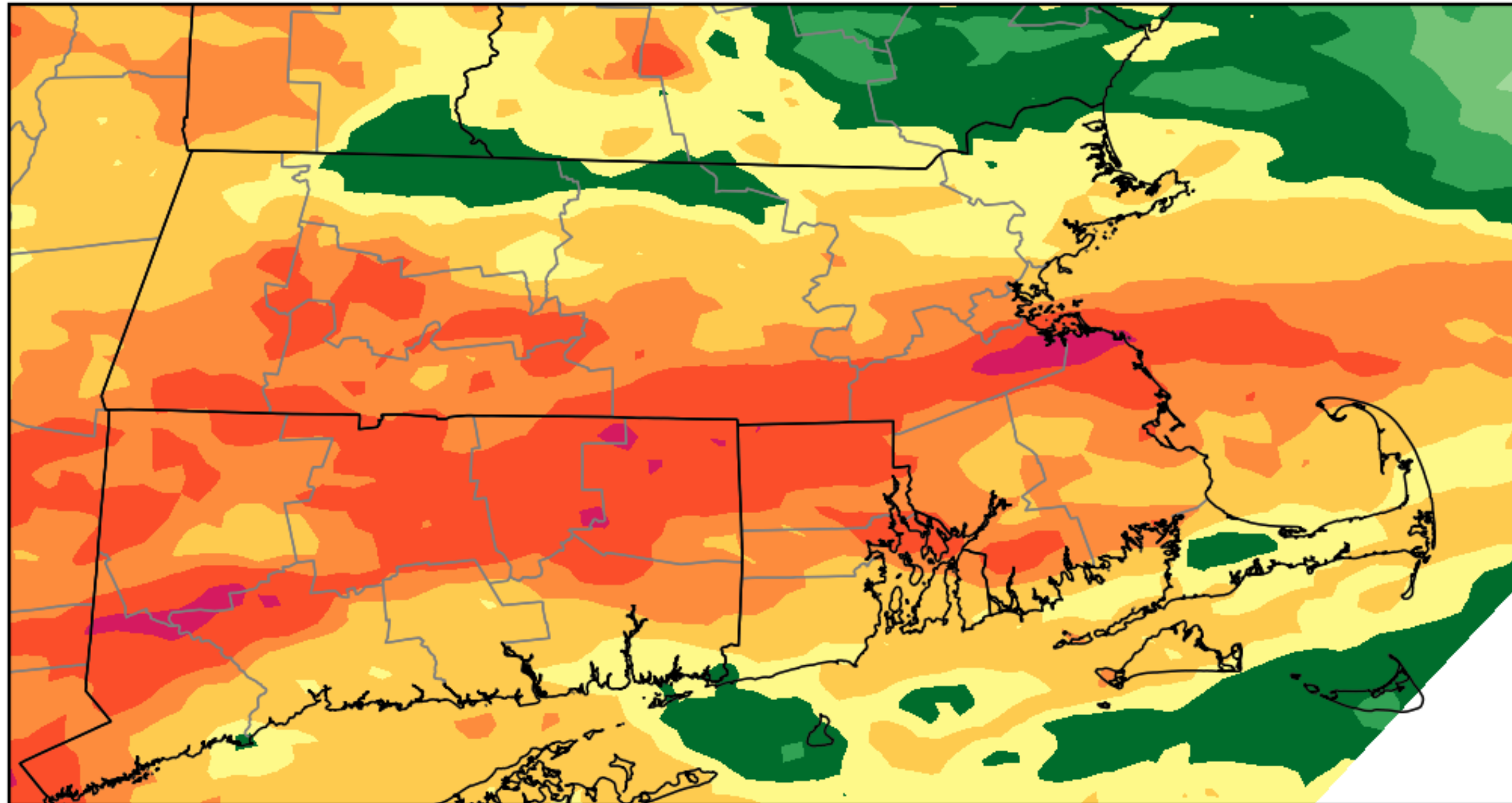
July Precipitation & Departures



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Precipitation

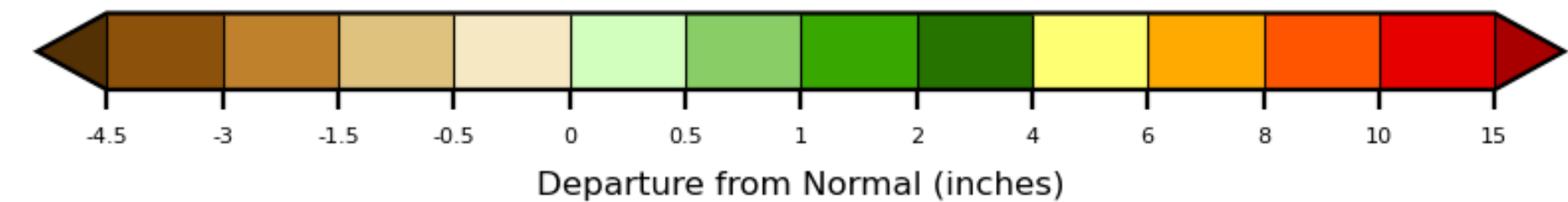
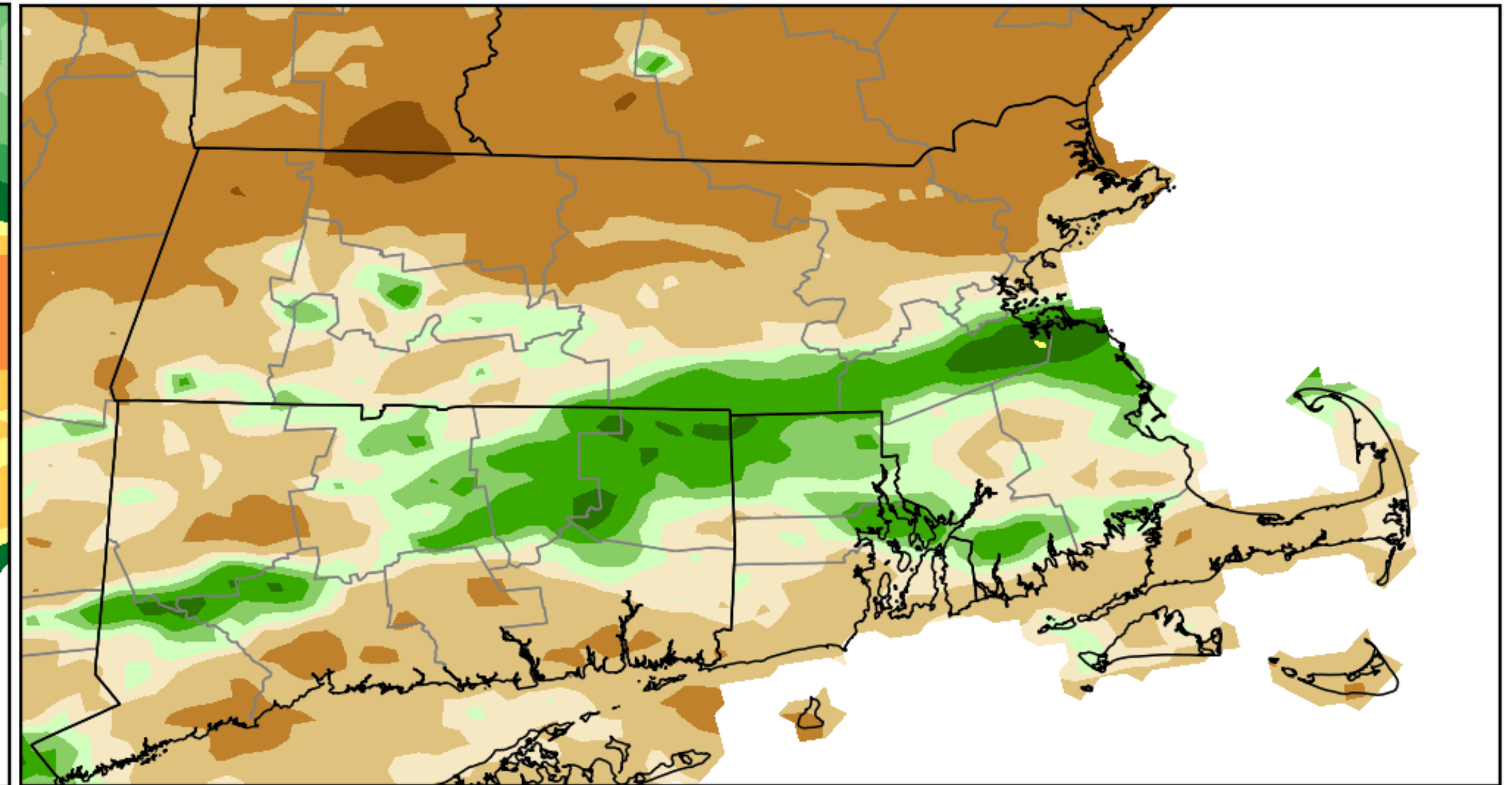
Accumulated Precipitation (inches)
July 01, 2025 to July 31, 2025



1-2" inch totals north of I-90
2-4" inches south of I-90 and eastern MA
1-3" inches southeast MA, Cape, and Islands

Departure from Normal

Precipitation Departure from Normal (inches)
July 01, 2025 to July 31, 2025



Wide range in departures (-3" to + 3")

3 and 6 Month Percent of Normal

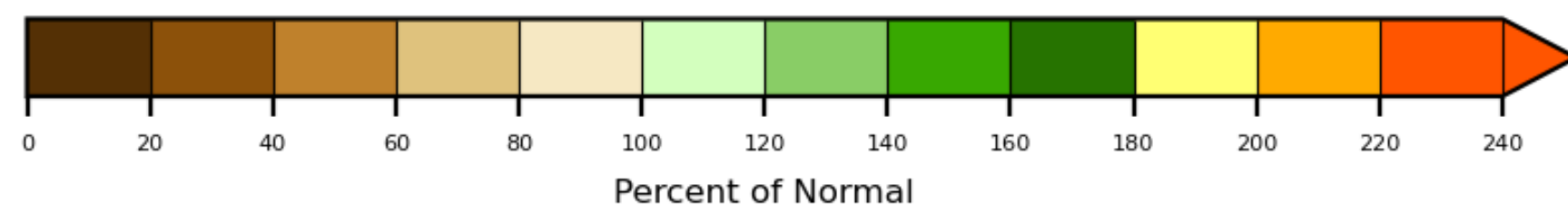
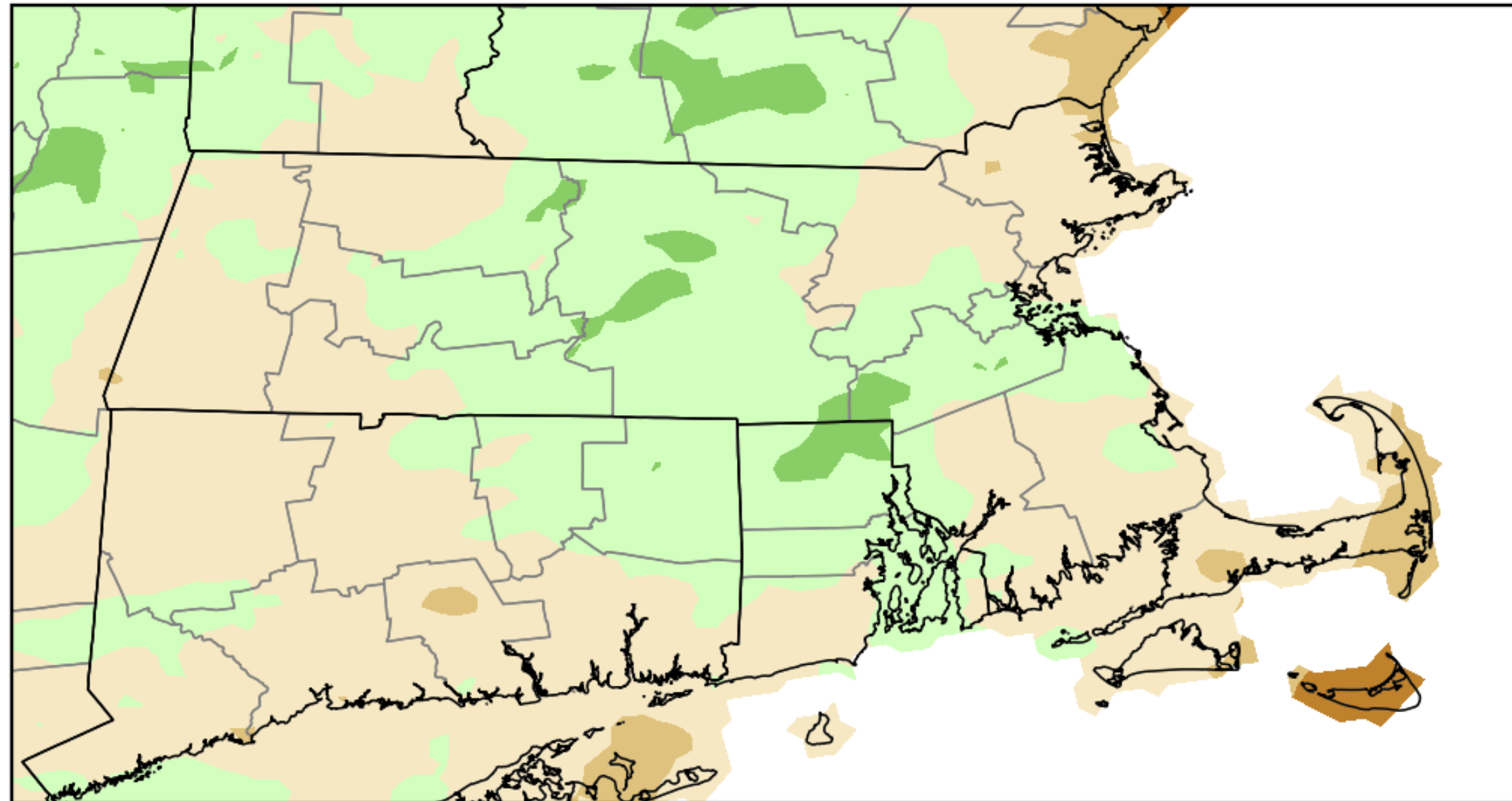


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Last 3 Months (May-Jul)

- Near or above normal for most of MA
- Near to below normal for Cape/Islands (60-100%, 40-60% for Nantucket)

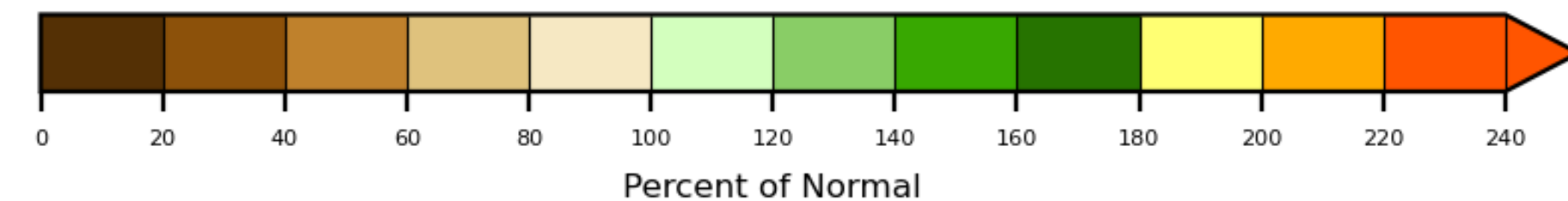
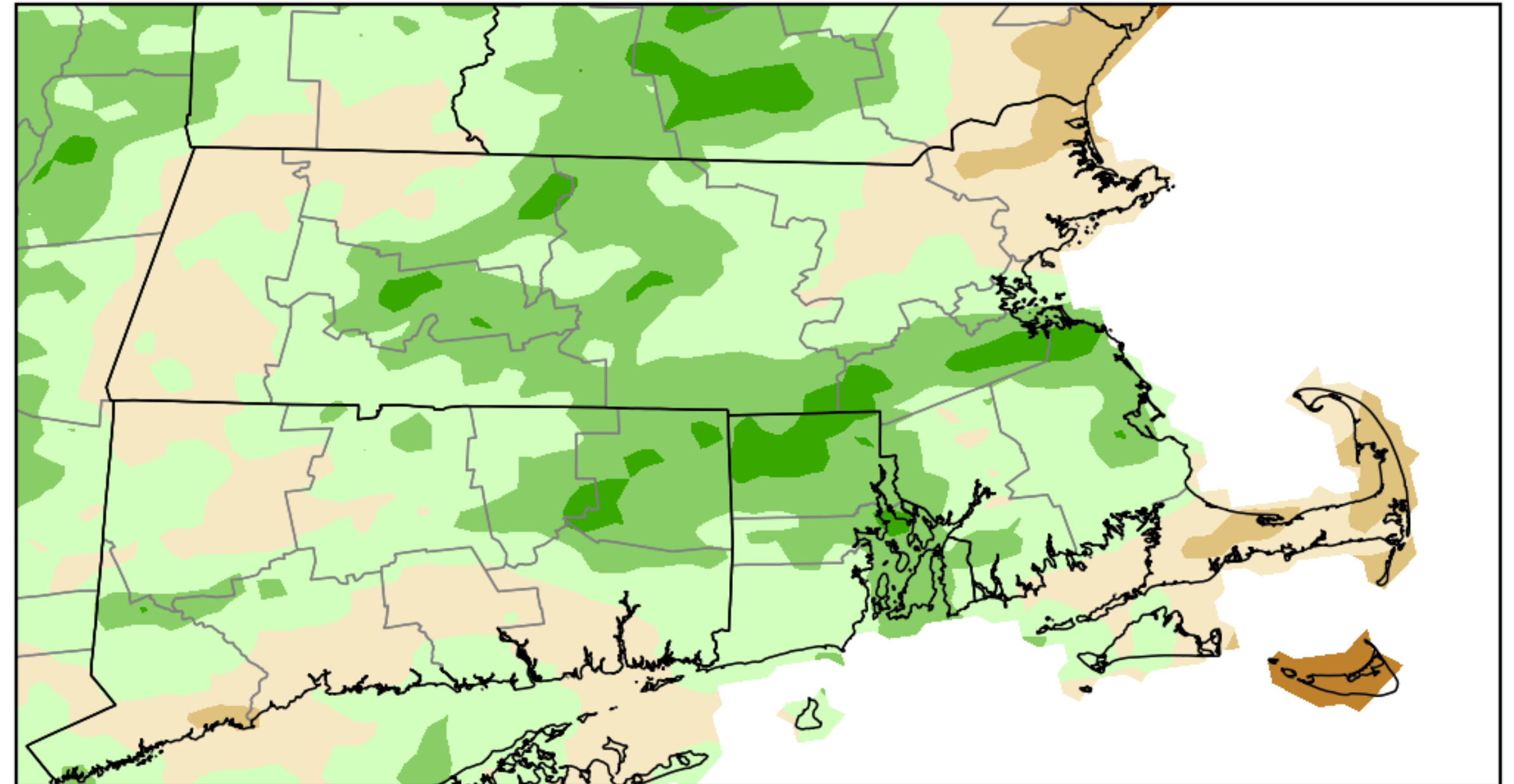
Precipitation Percent of Normal
February 01, 2025 to July 31, 2025



Last 6 Months (Feb-Jul)

- Mostly near-above normal (100-140%)
- Outer Cape/MVY: 60-100%
- Nantucket 40-60%

Precipitation Percent of Normal
May 01, 2025 to July 31, 2025



7 Day Precipitation Forecast

Through Tuesday August 12th



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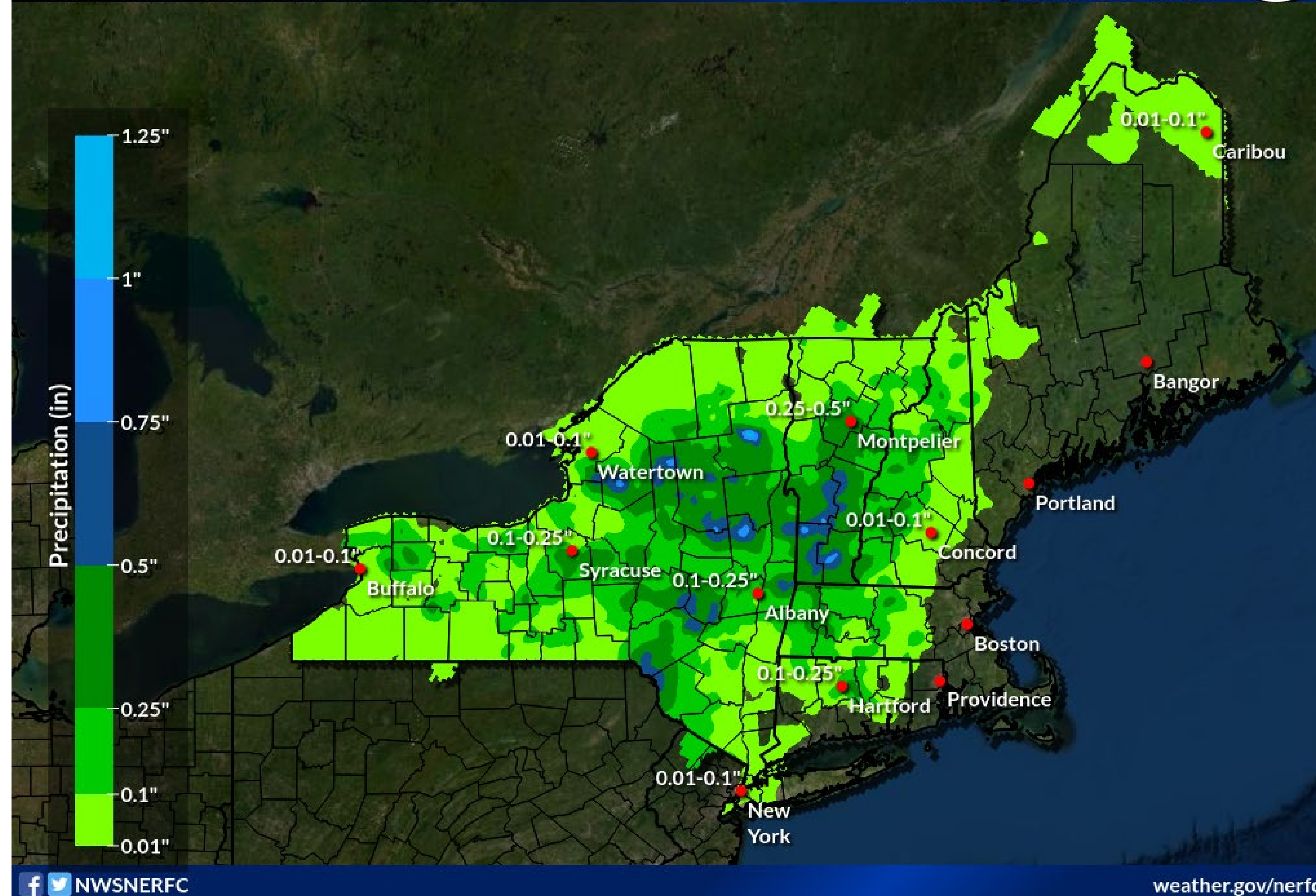
- No precipitation forecast east of Worcester County
- 0.01 to 0.25 inches forecast for Worcester County and west

7 Day WPC Precipitation Forecast

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

River Forecast Center
Northeast RFC

Issued Aug 05, 2025 8:05 AM EDT



f NWSNERFC

weather.gov/nerfc

Long Range Ensemble Forecast

10 Day High End/Low End Forecast Precipitation Amounts

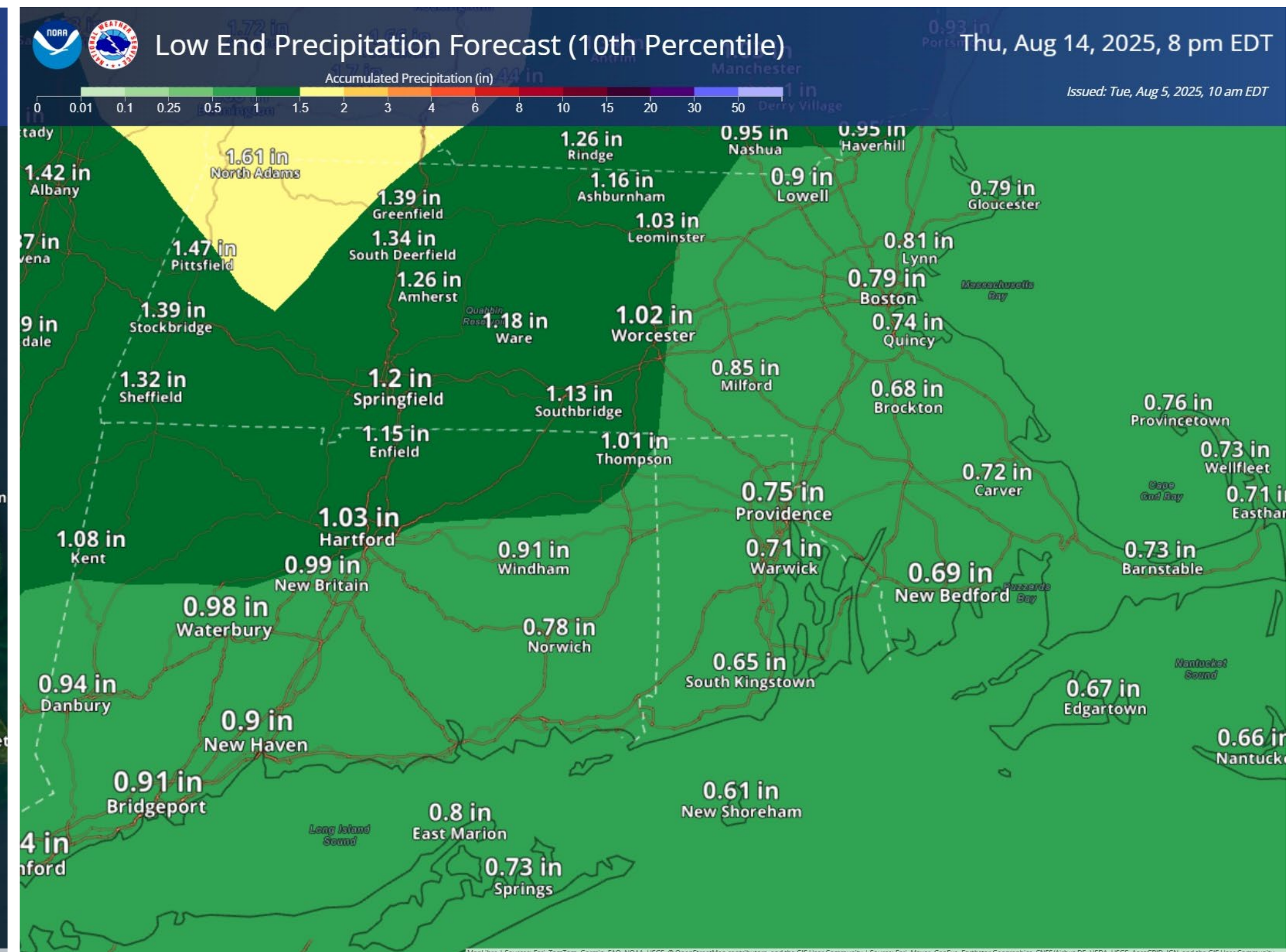
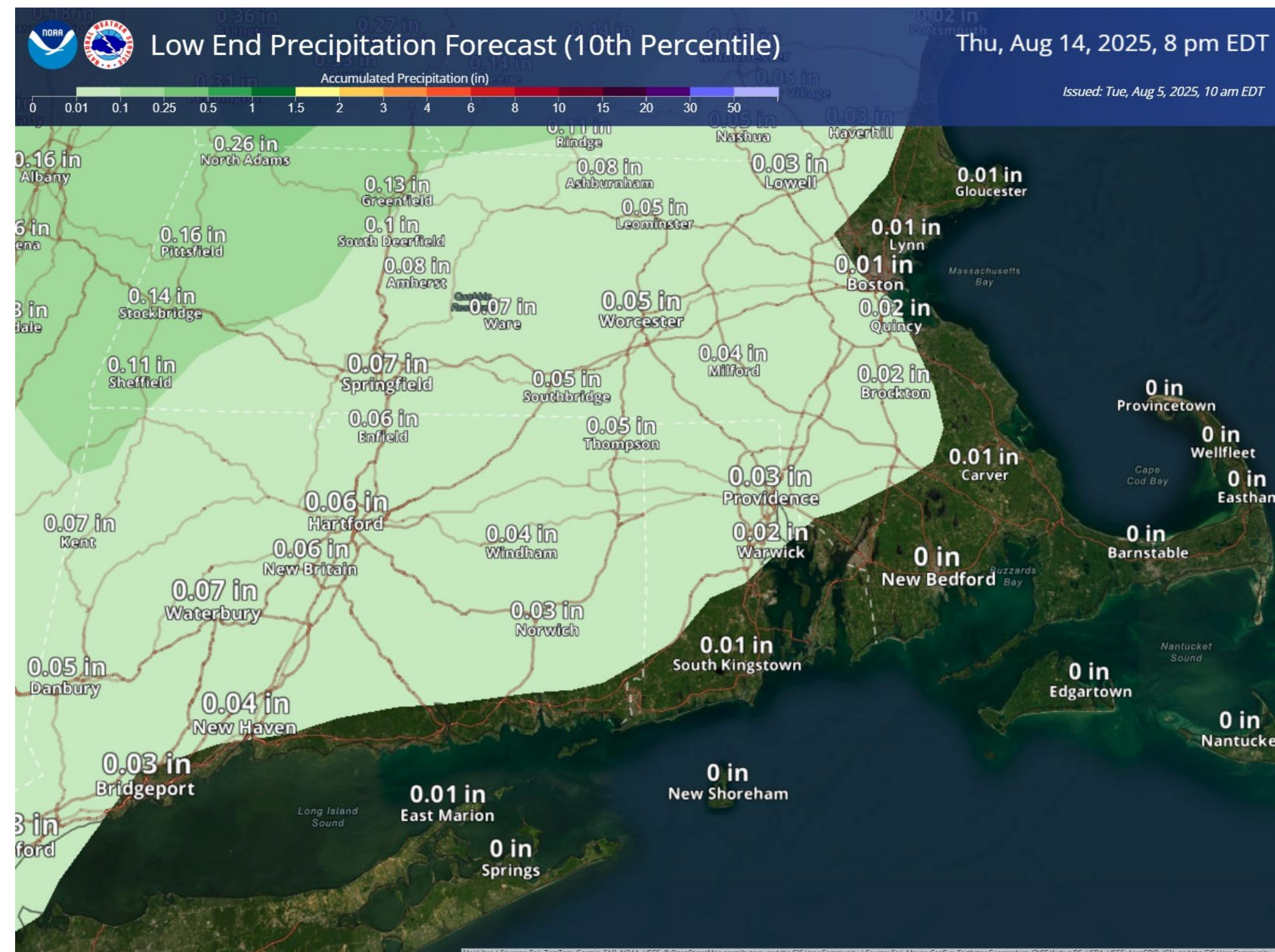


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- 100 Forecast Models
- ~90 predict 10 Day QPF $> 0-0.1''$

- 100 Forecast Models
- ~ 10 predict 10 Day QPF $> 0.75-1.5''$



Tuesday, August 5, 2025

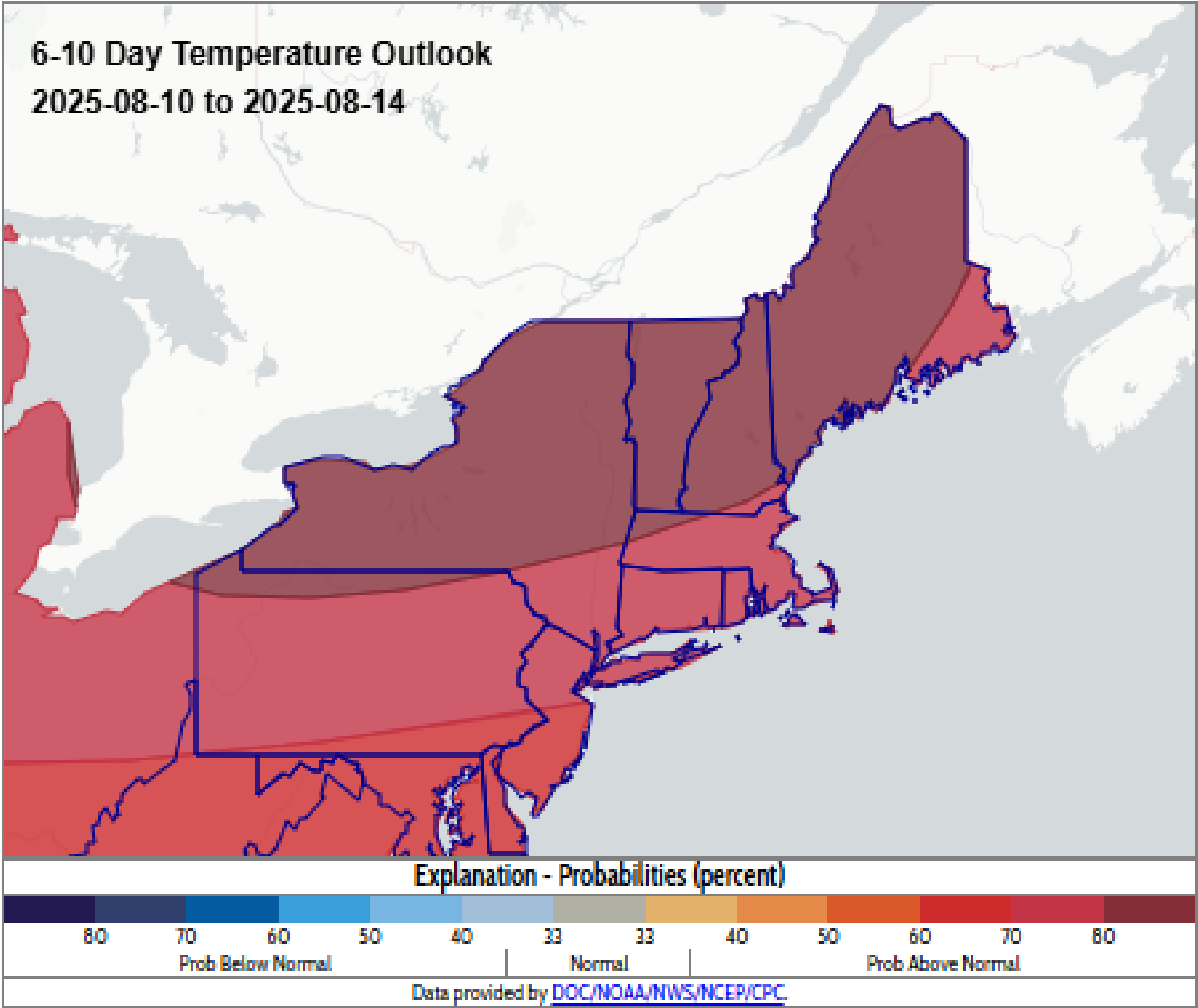
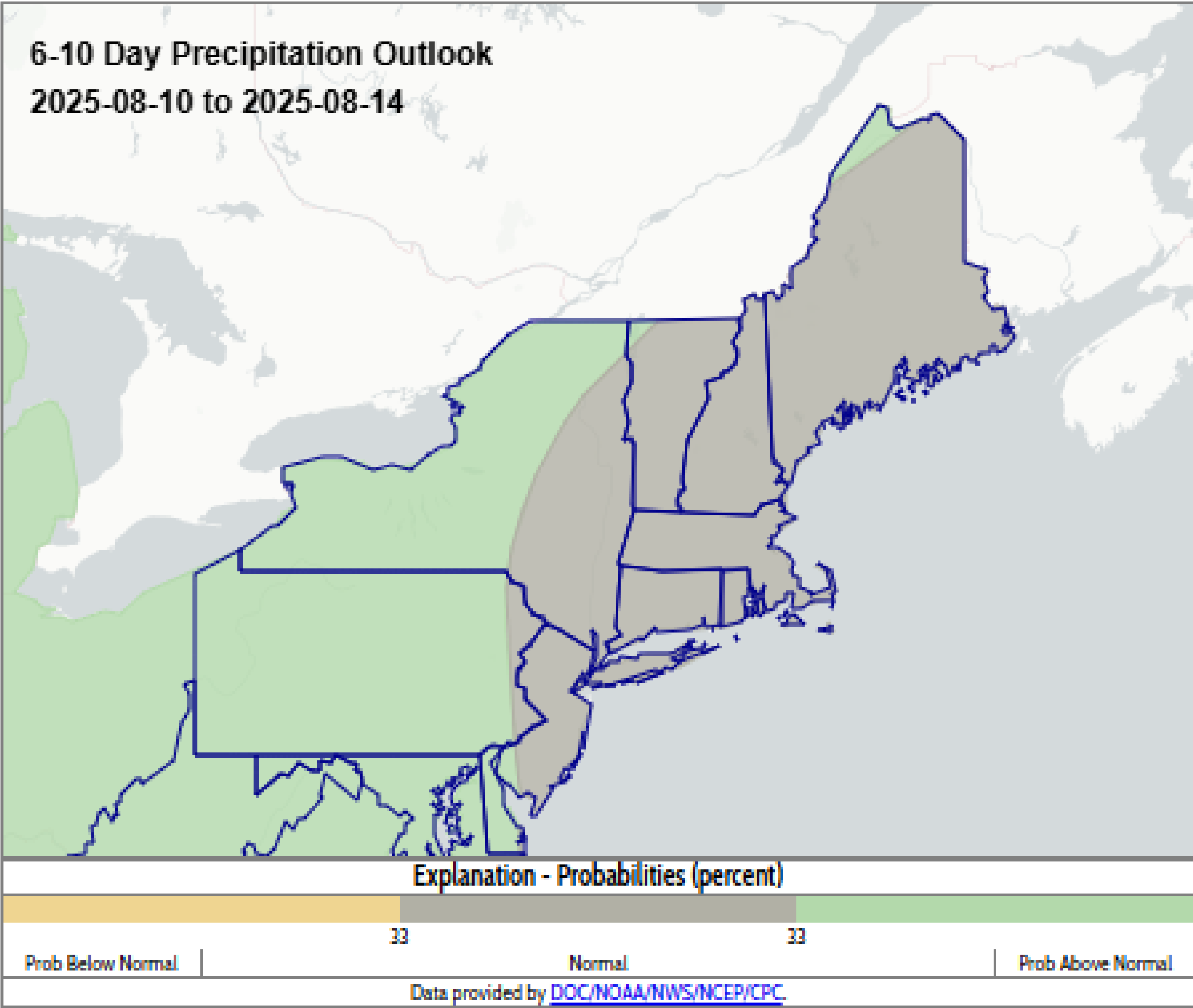
www.weather.gov/box

Outlook: August 10th - August 14th



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Odds favor near-normal precipitation and above normal temperatures



Outlook: August 16th-August 29th



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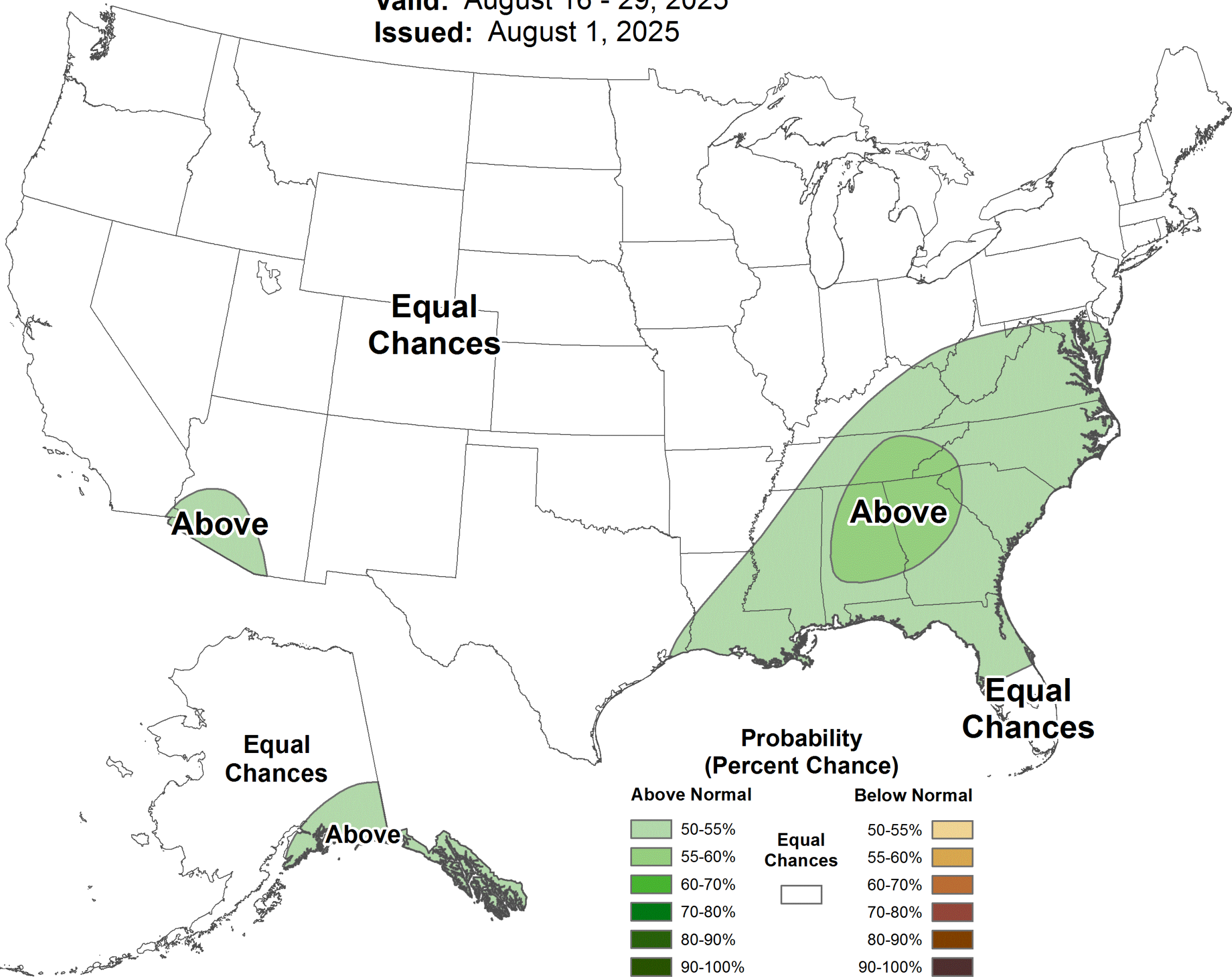
Equal Chances for Above or Below Normal Precip Above Normal Temperatures Likely



Weeks 3-4 Precipitation Outlook



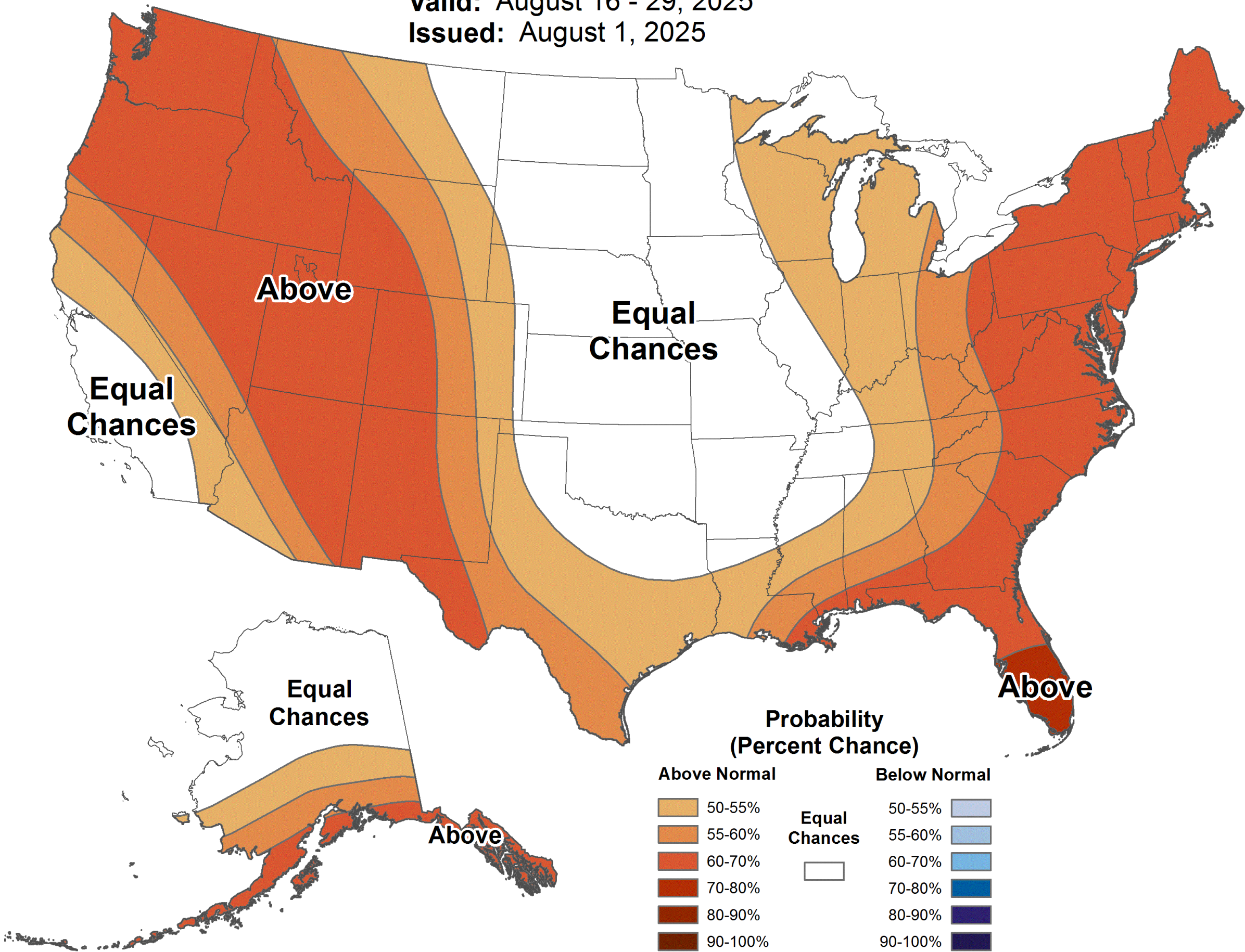
Valid: August 16 - 29, 2025
Issued: August 1, 2025



Weeks 3-4 Temperature Outlook



Valid: August 16 - 29, 2025
Issued: August 1, 2025



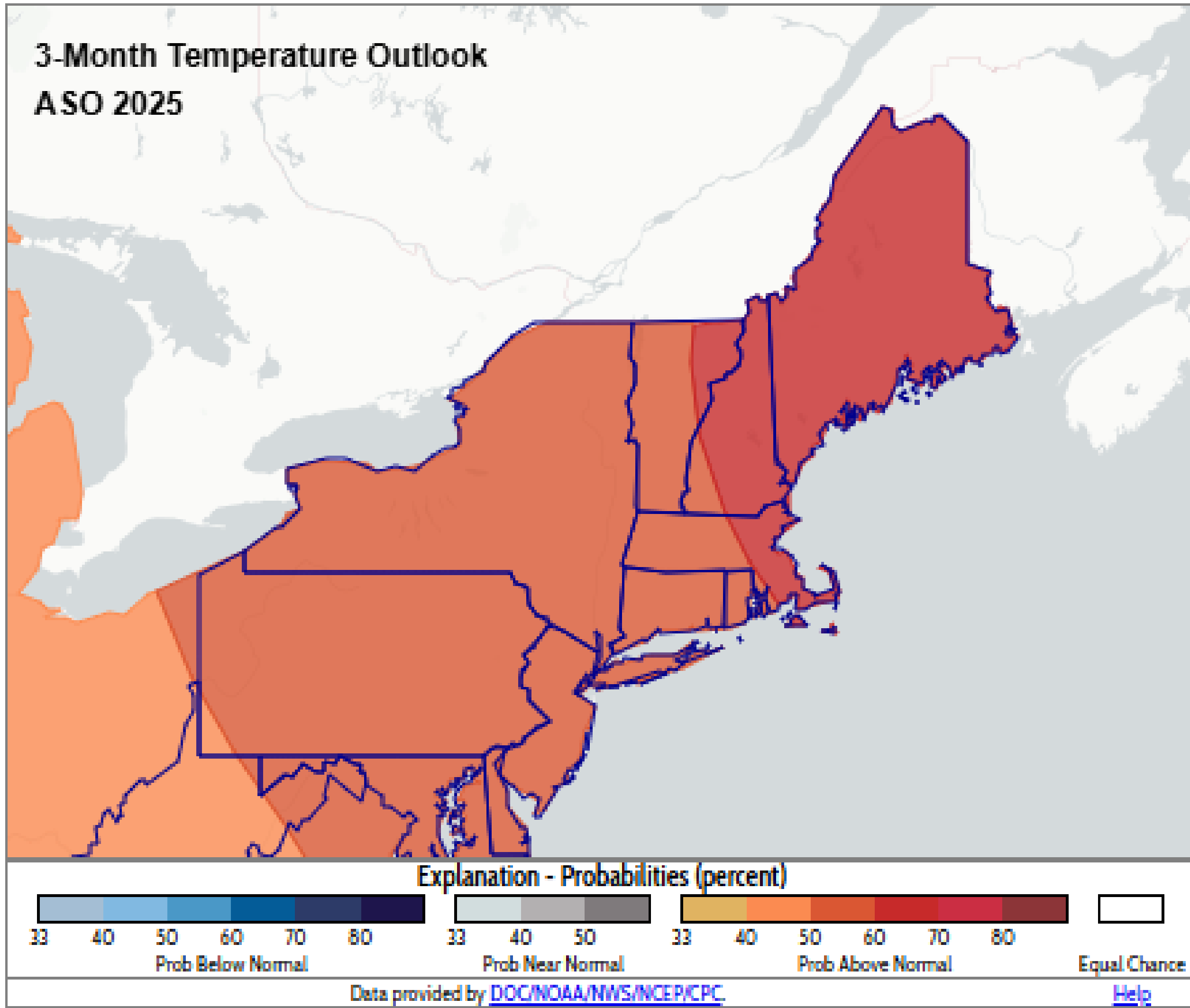
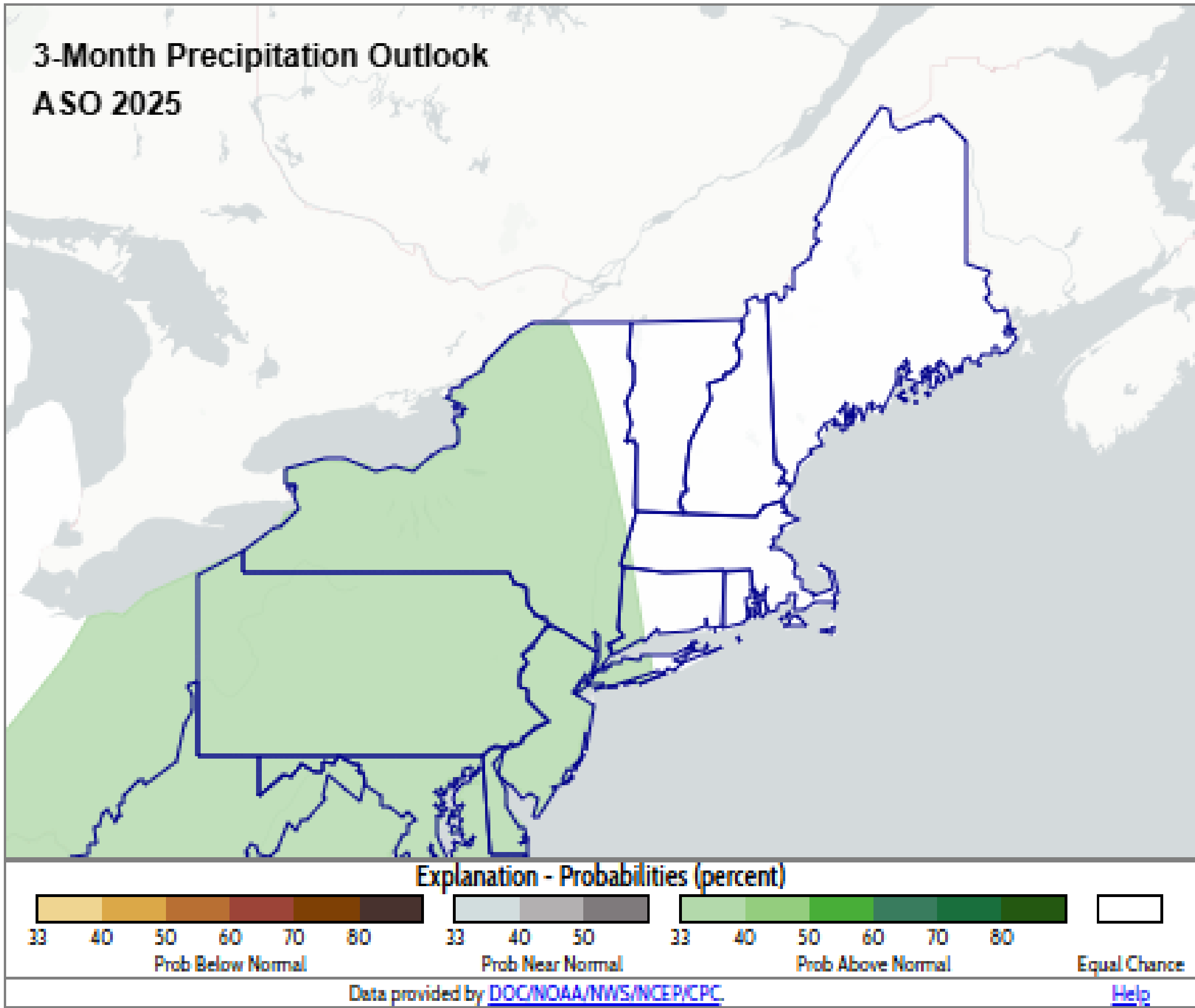
Outlook for Aug, Sep, Oct



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Equal Chances for Above/Below Normal Precipitation.

Above Normal Temperatures Likely



Latest River Forecasts

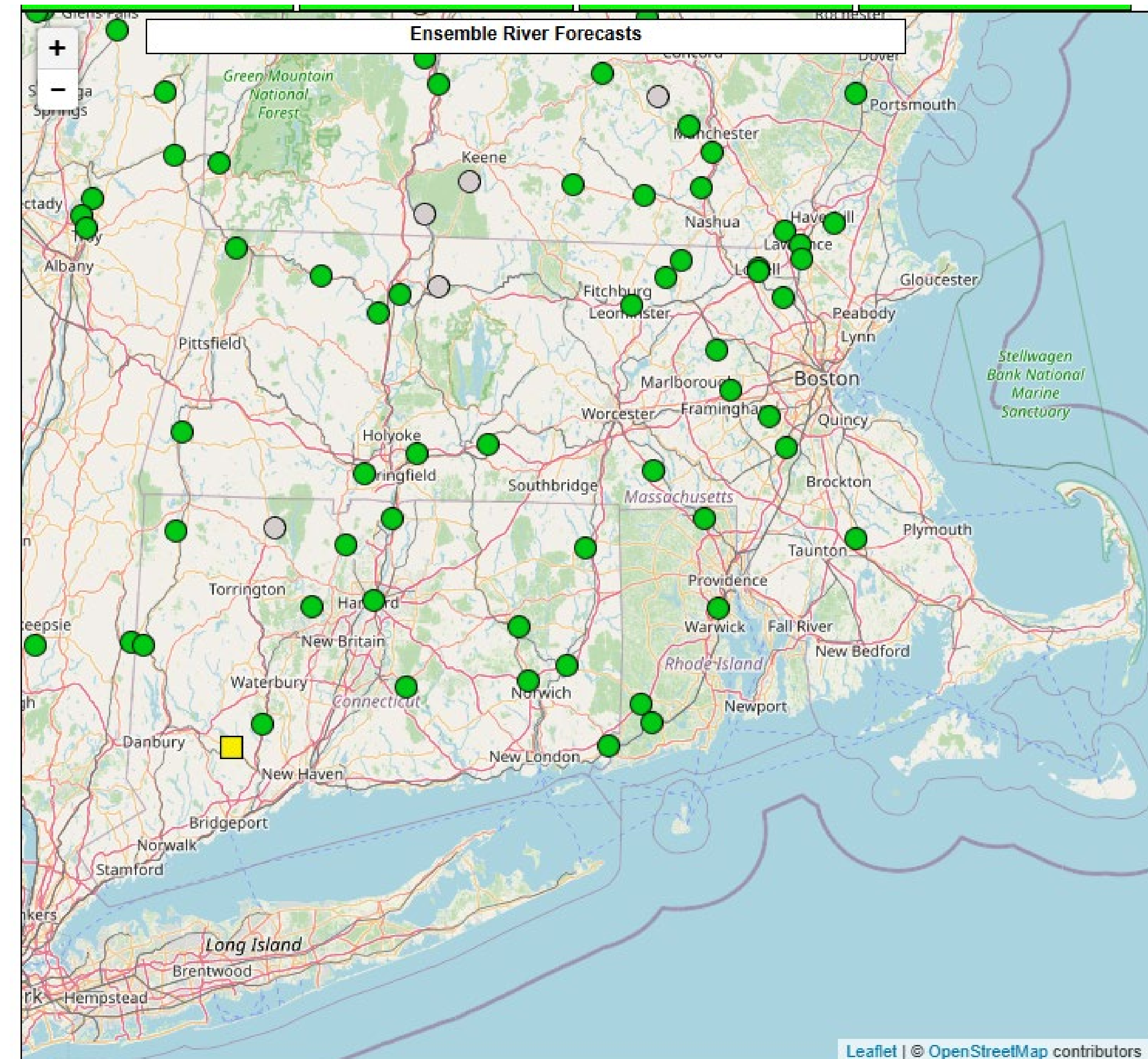


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No river flooding anticipated during the next ten days.

- 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





July:

- Departures ranging from -3 to +3 inches below/above normal
- Below Normal Precipitation for most of Massachusetts
- Pockets of above normal precipitation in eastern/central MA

Longer Range Precipitation Departures:

- 3-month and 6-month departures near or above normal for most of the state
- Sections of Cape and Islands still below normal (40-80% of normal)

Outlook:

- 7 Day Outlook is very dry with only 0.01-0.25” of precipitation forecast for the western half of the state
- No strong signal for above or below normal precipitation in the long range forecast (beyond 10 days)