



MA Drought Management Task Force NWS Update

Monday September 7th 2025

Prepared by: NWS WFO Boston/Norton, MA

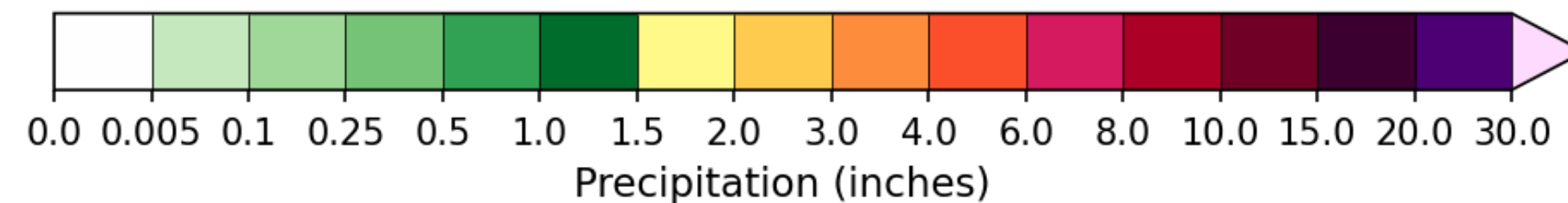
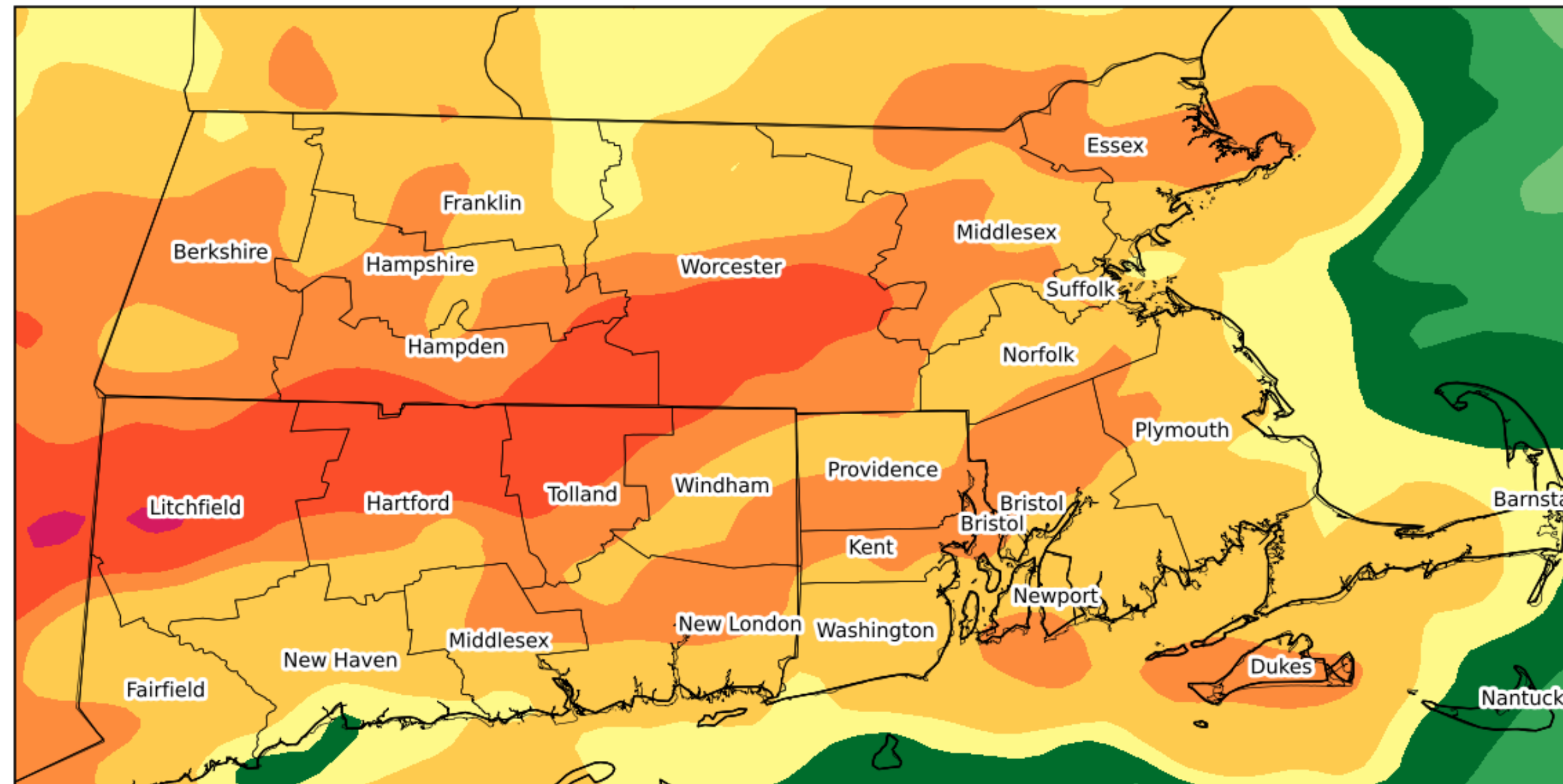
Precipitation & Departures



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Precipitation

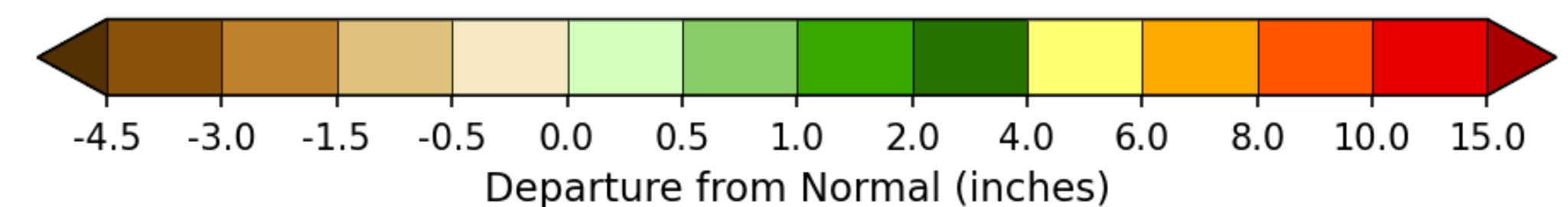
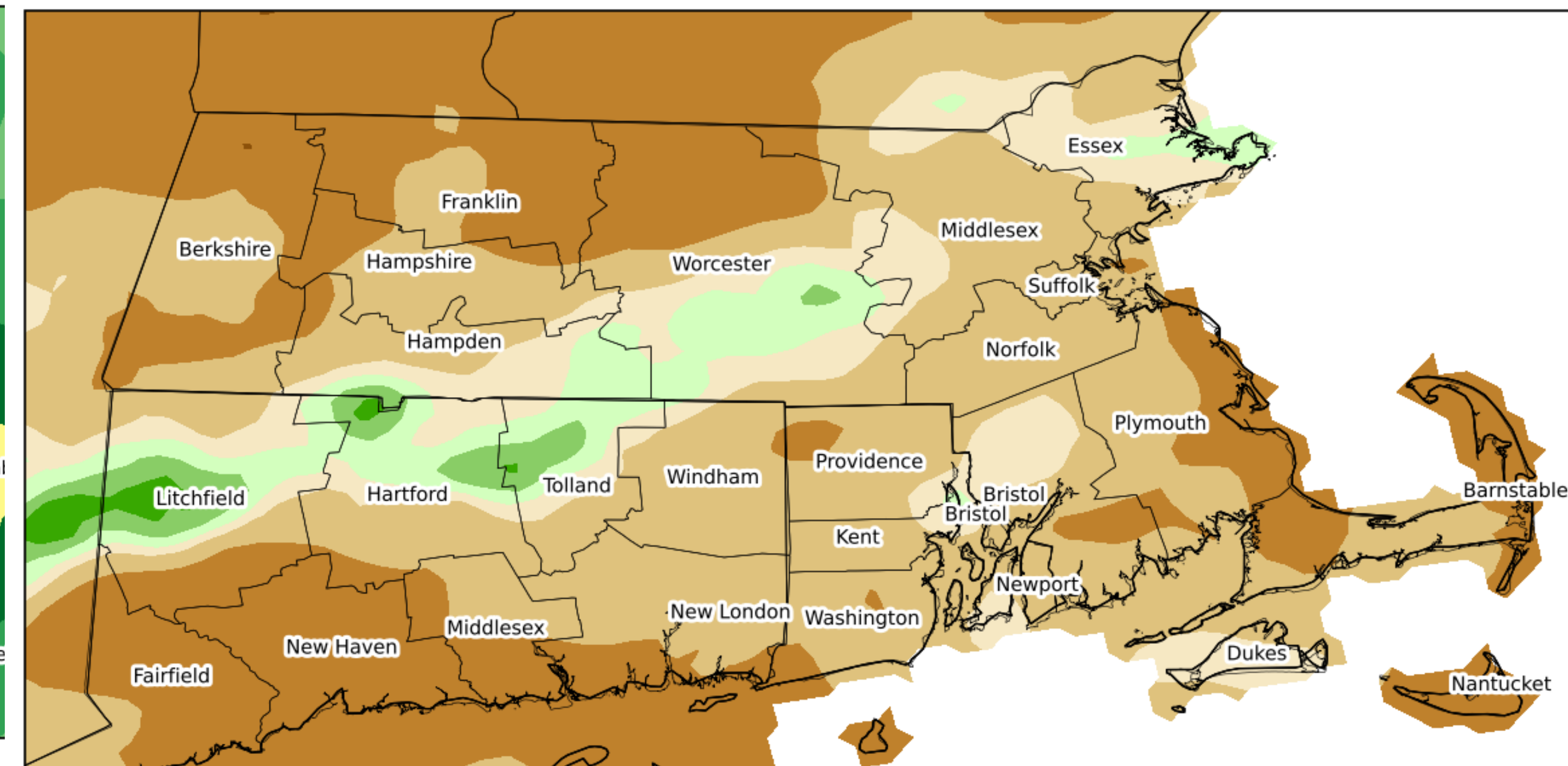
Accumulated Precipitation (inches)
August 1, 2025 - August 31, 2025



2-3" inch totals north of I-90
3-5" along and south of I-90 in central MA
1-3" over southeast MA and Cape/Islands

Departure from Normal

Precipitation Departure from Normal (inches)
August 1, 2025 - August 31, 2025



Generally 1 to 2 inches below normal
Small swath of 0-1 inch above normal in central MA

3 and 6 Month Percent of Normal

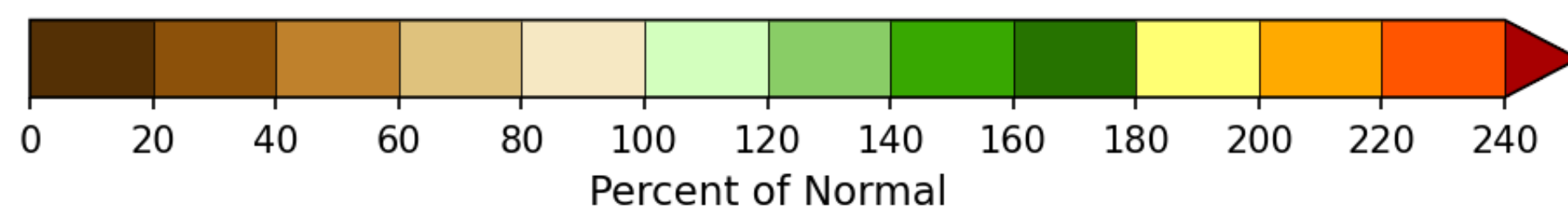
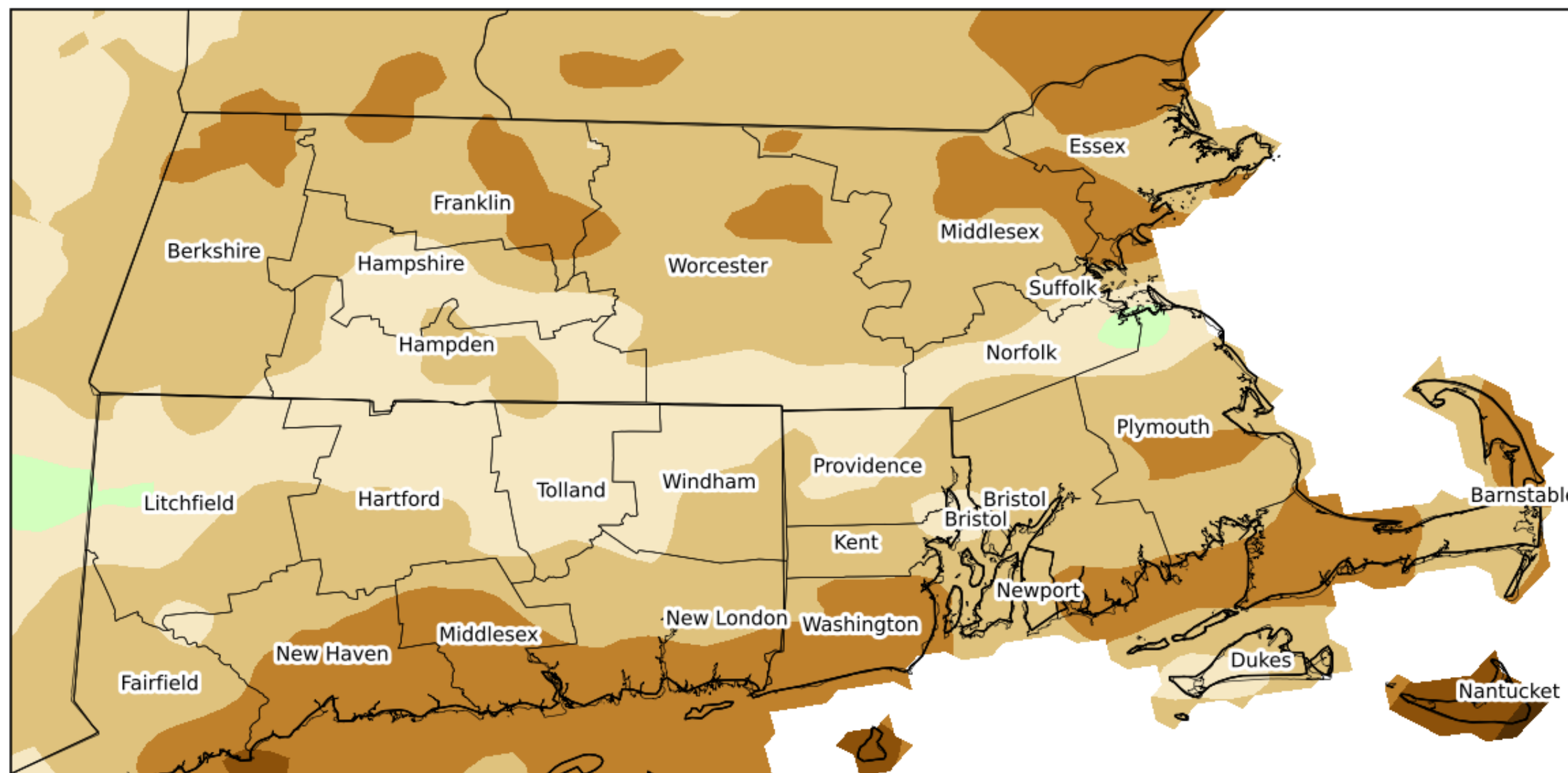


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Last 3 Months (June-August)

- Below normal since June 1st
- Generally 40-80% of climatological normal
- Nantucket < 40% of normal

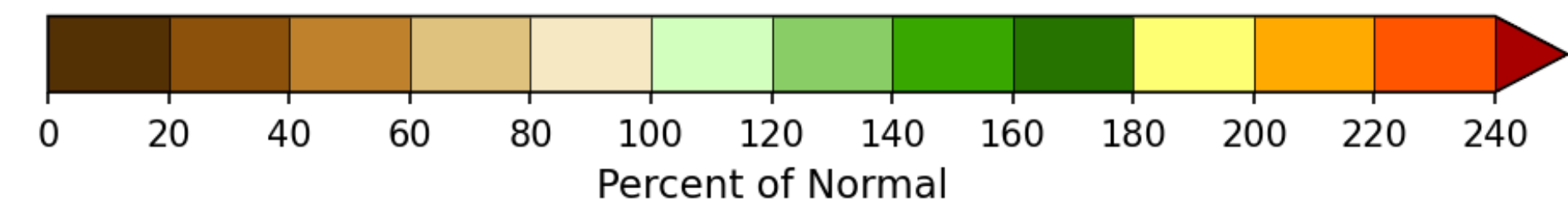
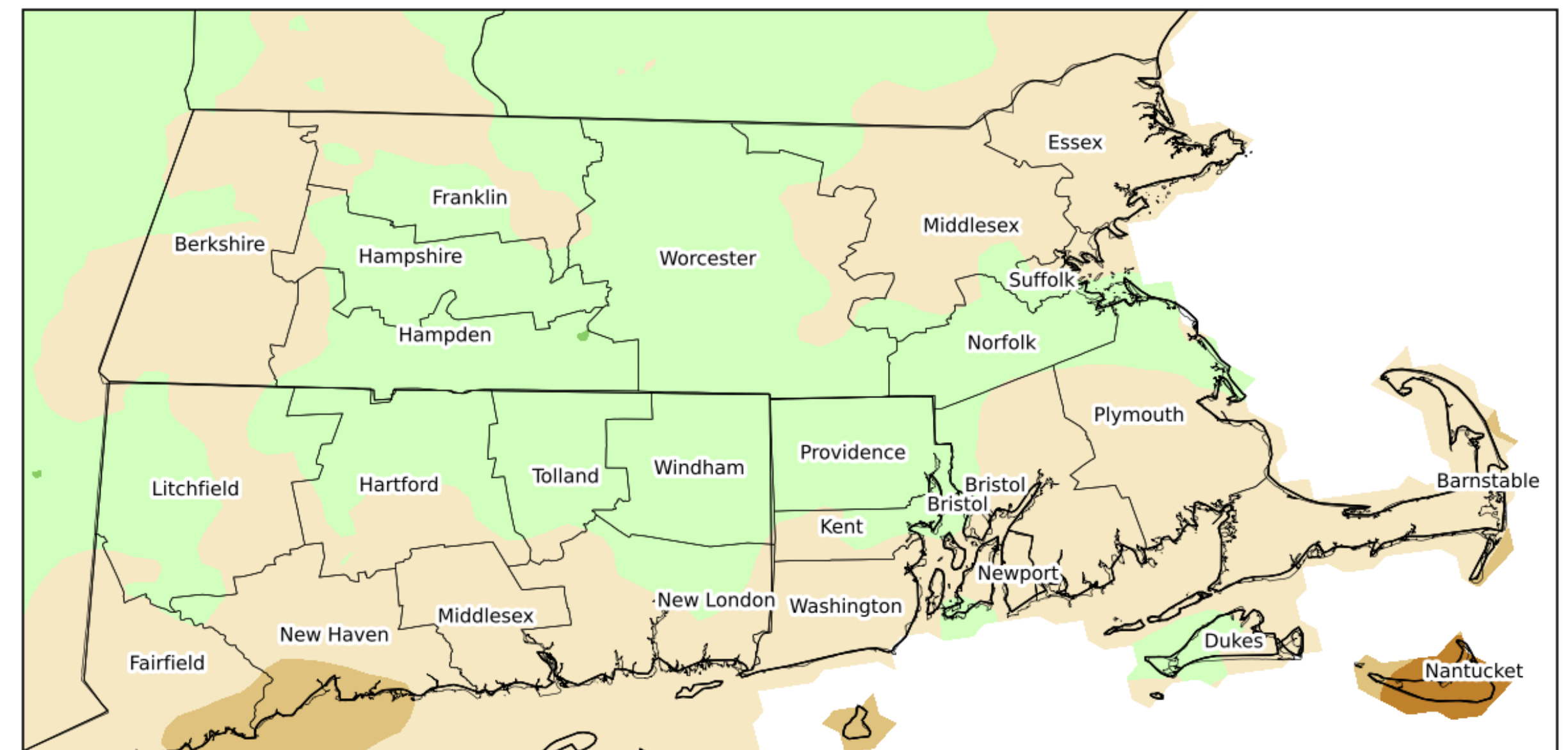
Precipitation Percent of Normal
June 1, 2025 - August 31, 2025



Last 6 Months (March-August)

- Near Normal since March 1st

Precipitation Percent of Normal
March 1, 2025 - August 31, 2025



7 Day Precipitation Forecast

Through Sunday September 14th



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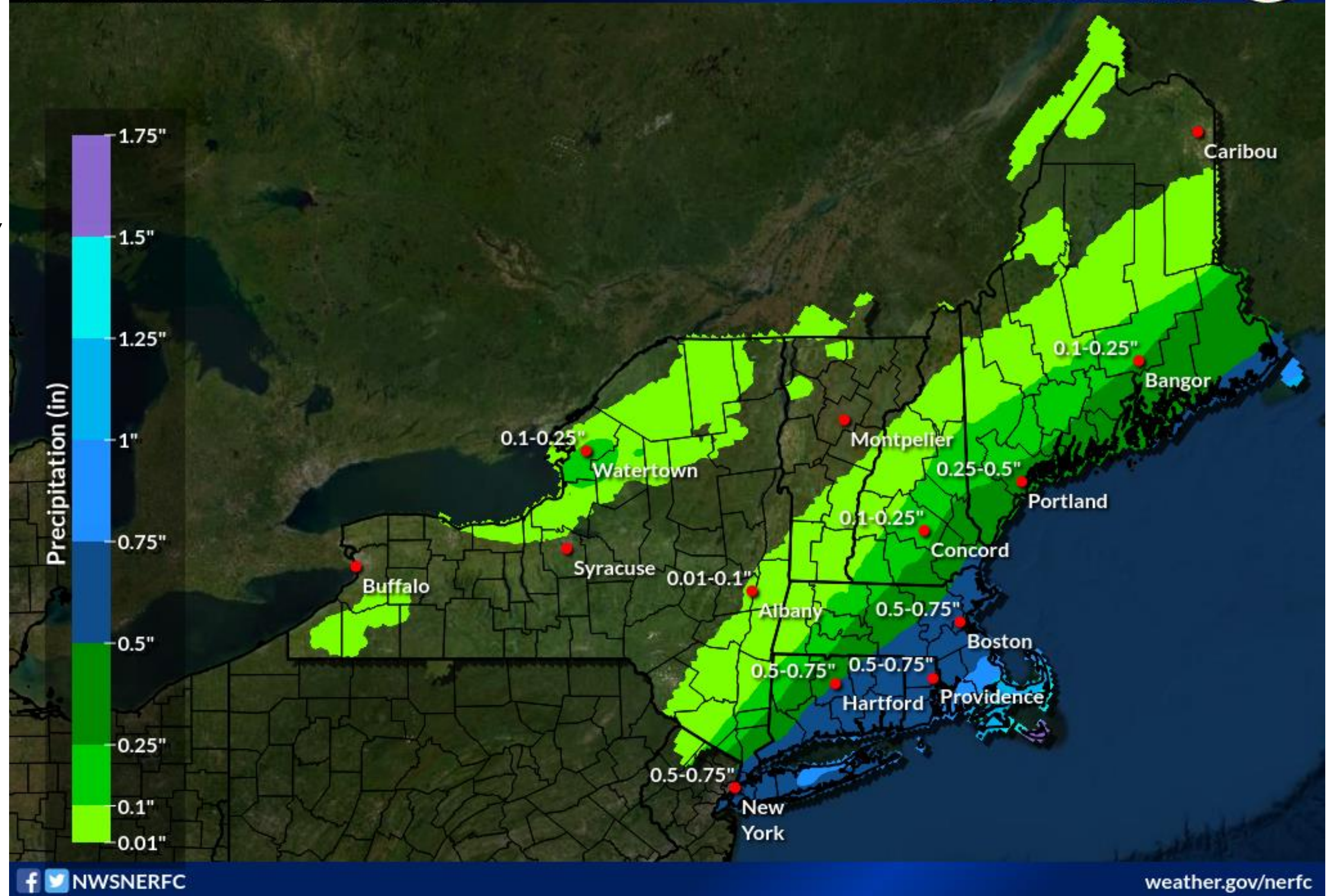
- Mainly encompasses yesterday's rain
- Additional rain chances for southeast MA/Cape late Wednesday/Wednesday night
- Otherwise a dry week ahead

7 Day WPC Precipitation Forecast

Valid Sun 8:00AM through Sun 8:00AM EDT

River Forecast Center
Northeast RFC

Issued Sep 07, 2025 8:05 AM EDT



Long Range Ensemble Forecast

10 Day High End/Low End Forecast Precipitation Amounts (Includes 9/7)

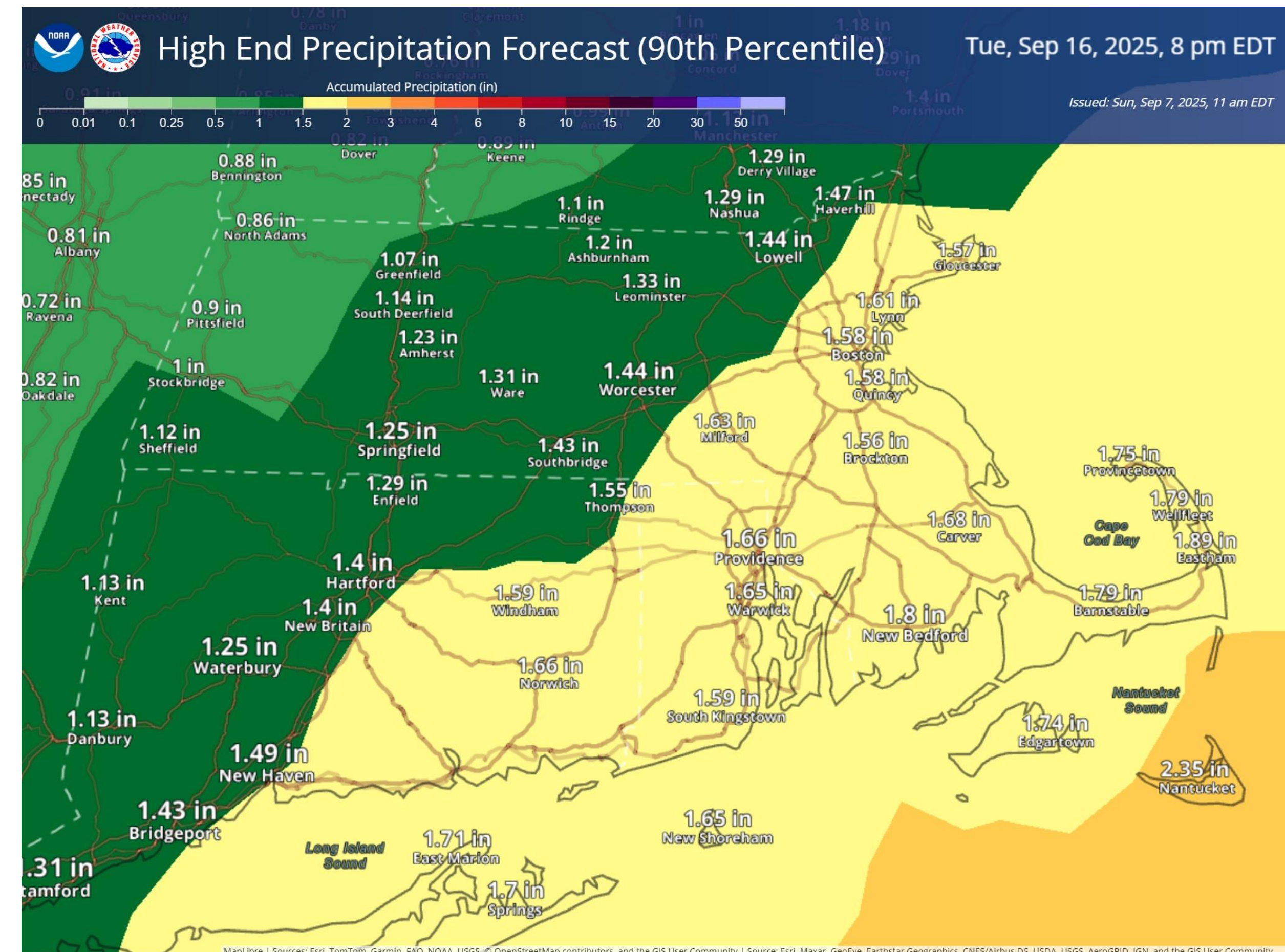
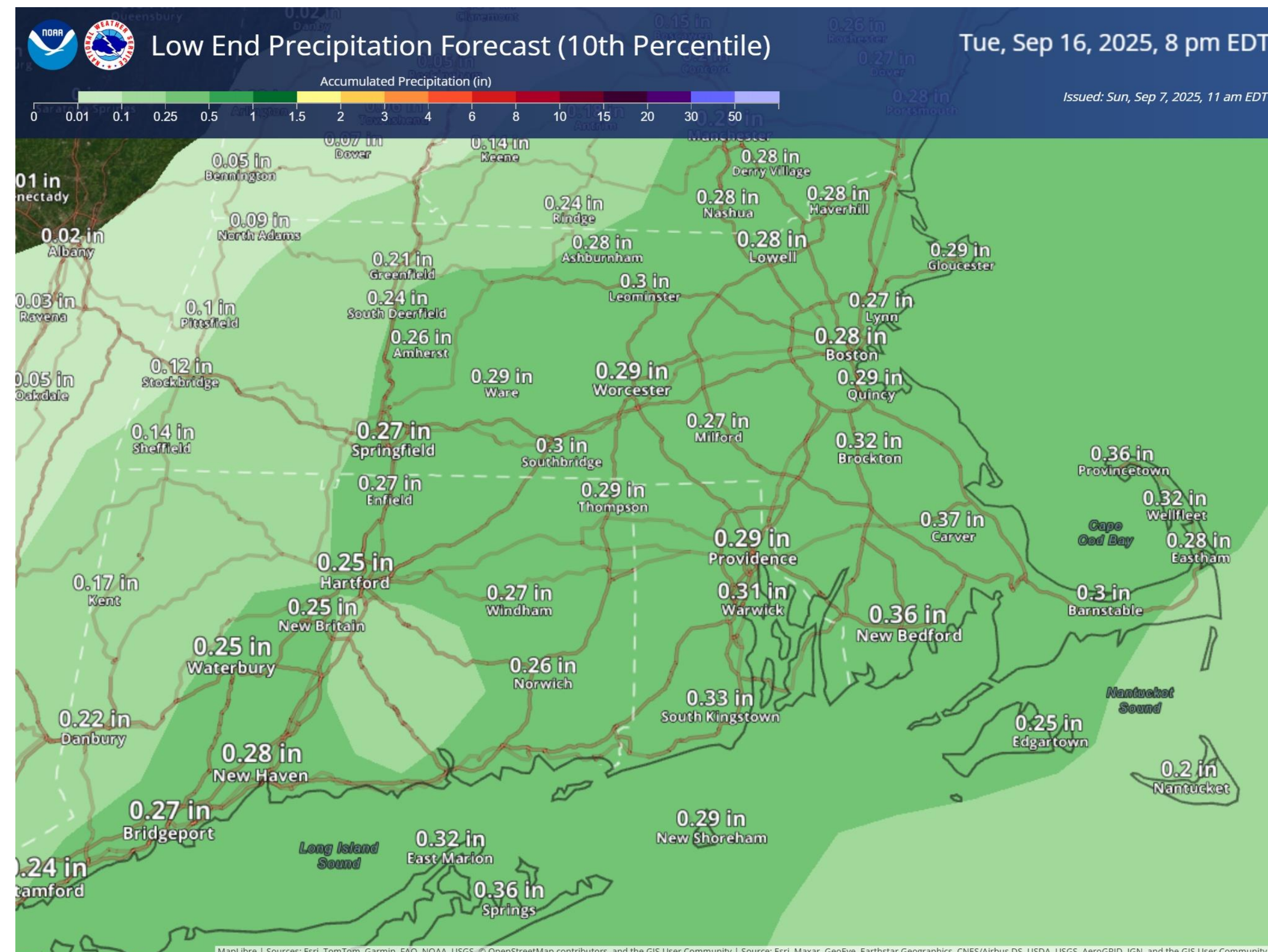


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- 100 Forecast Models
- ~90 predict 10 Day QPF > 0.25-0.3"

- 100 Forecast Models
- ~10 predict 10 Day QPF > 1-2"



Tuesday, August 5, 2025

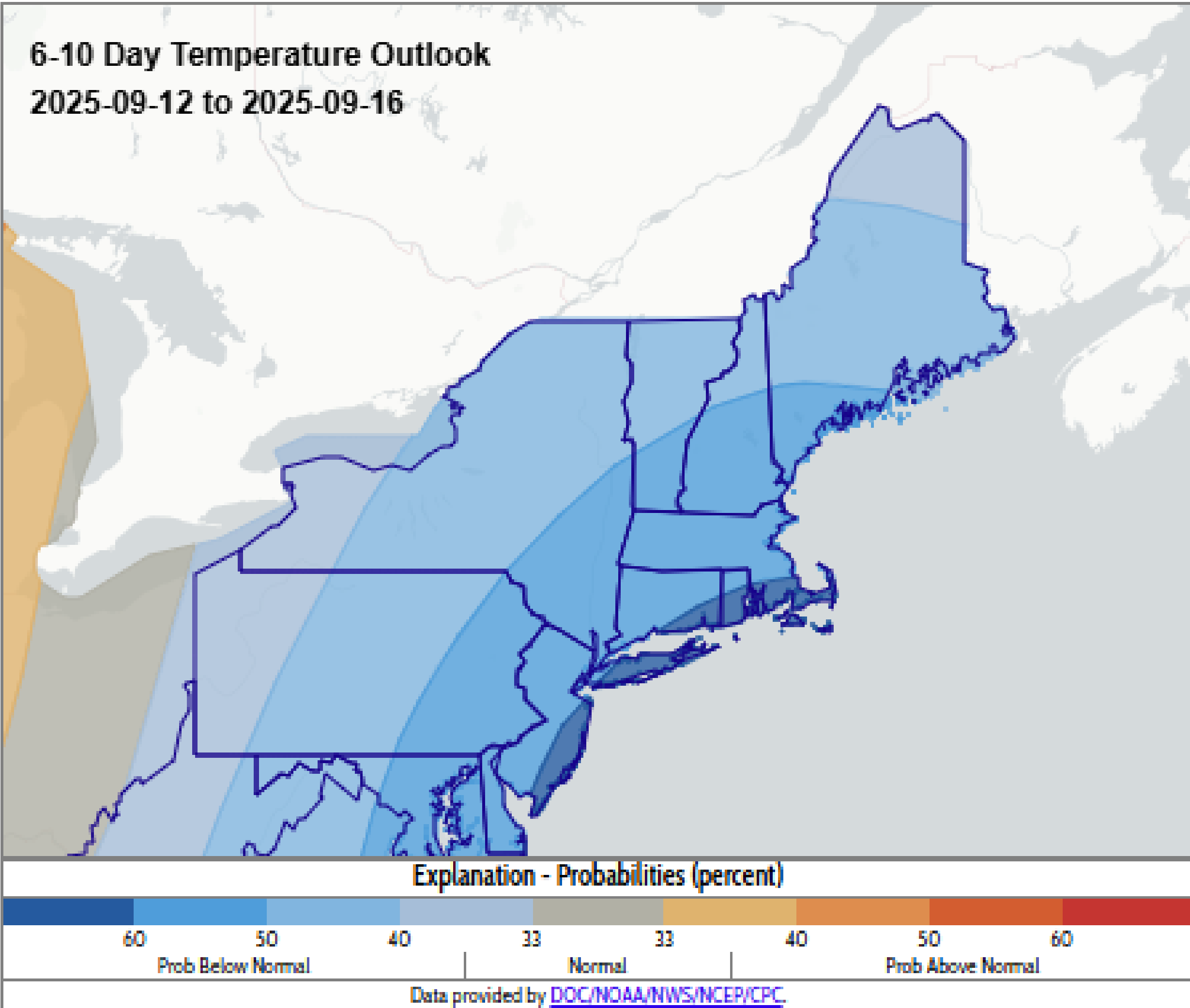
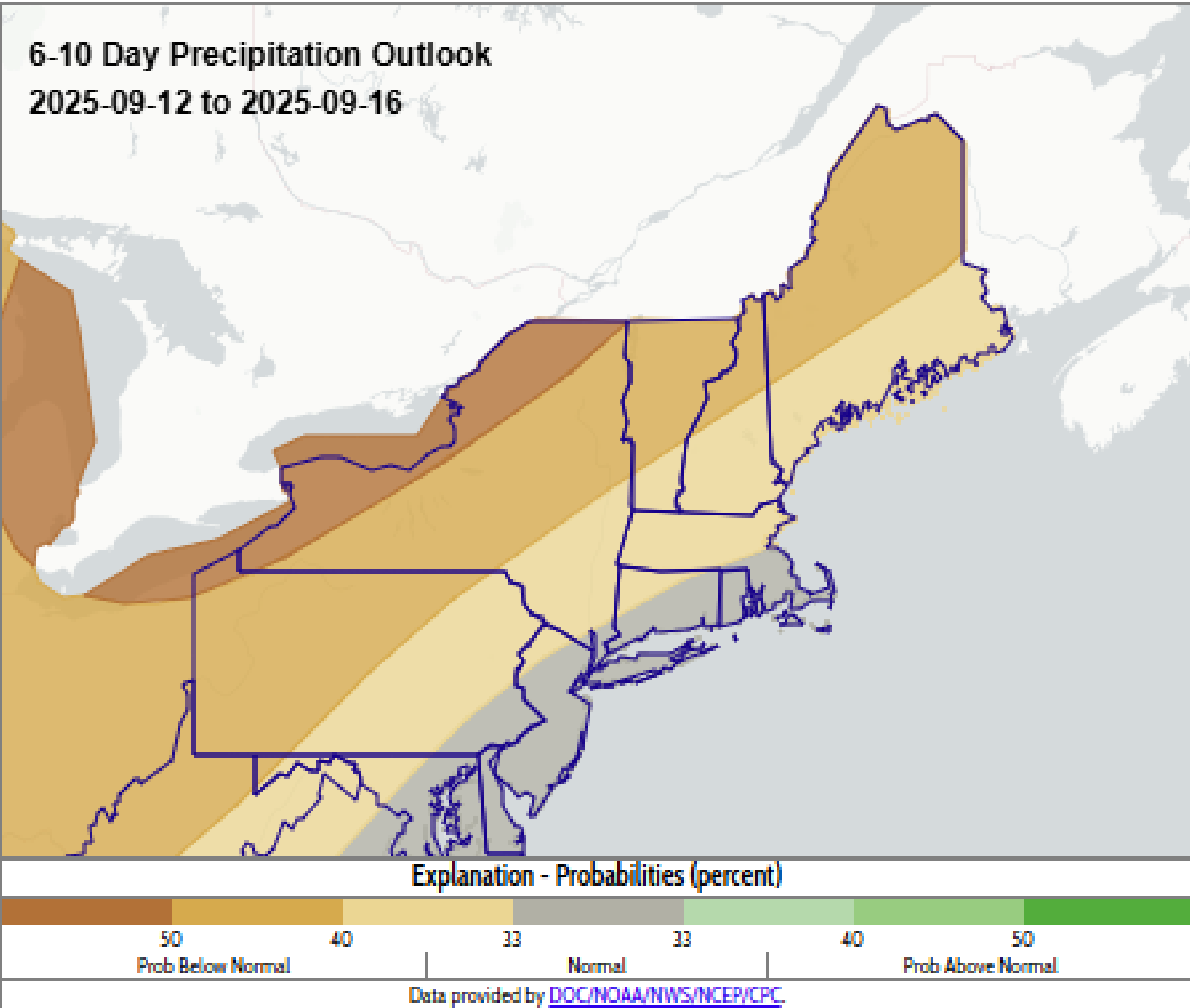
www.weather.gov/box

Outlook: September 12th -16th



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Odds favor near to below normal precipitation and below normal temperatures



Outlook: August 16th-August 29th



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Equal Chances for Above or Below Normal Precip

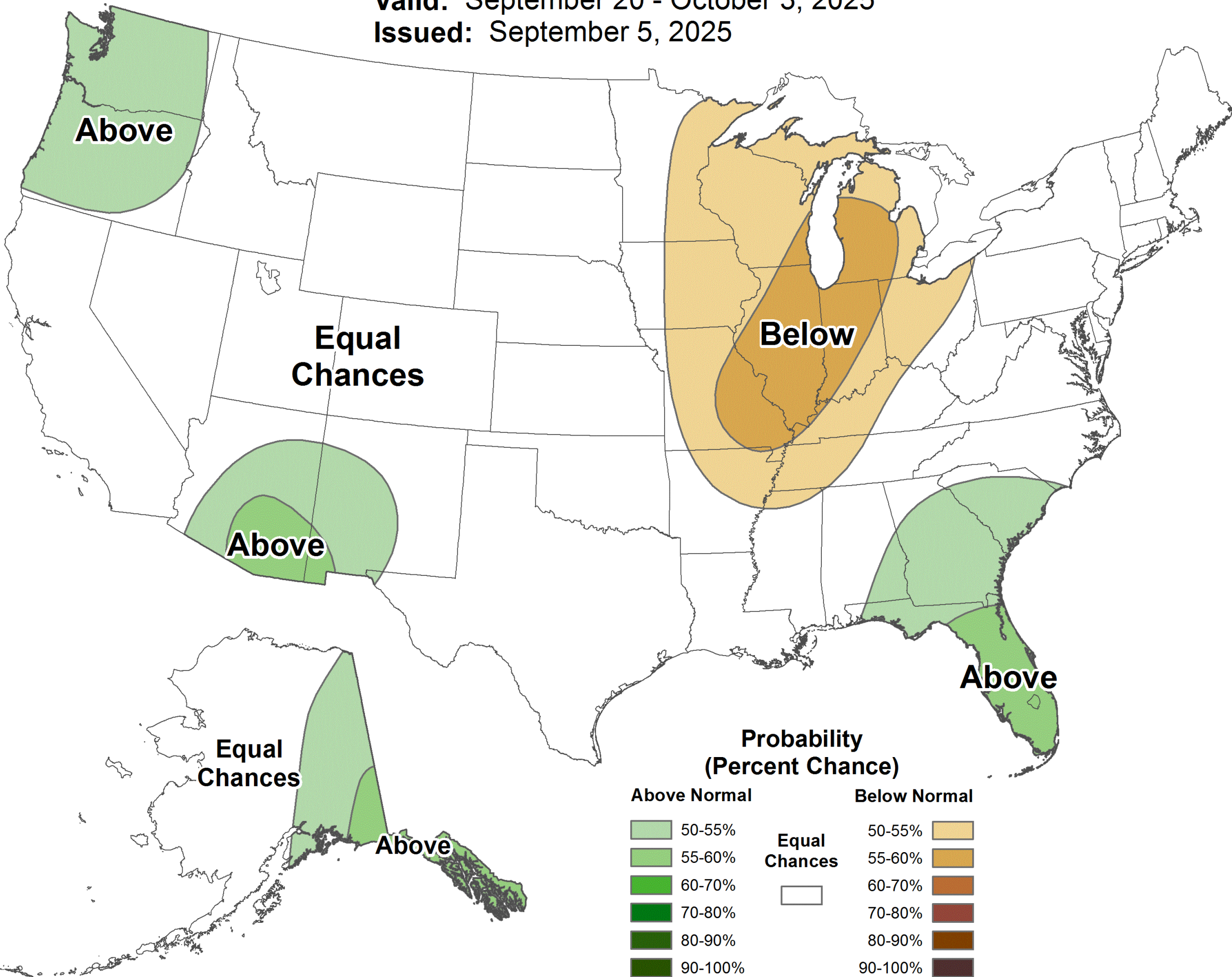
Leaning Above Normal Temperatures



Weeks 3-4 Precipitation Outlook



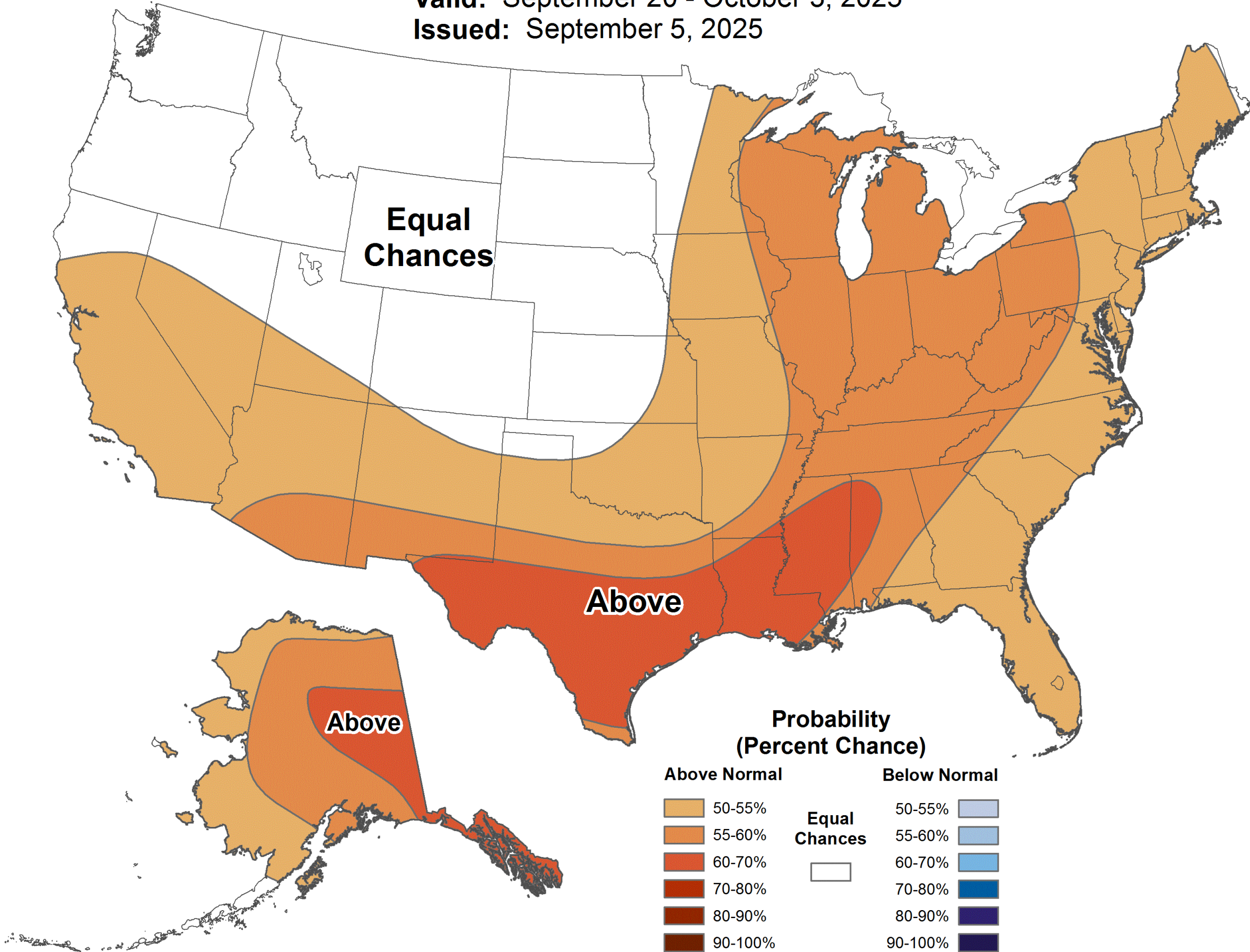
Valid: September 20 - October 3, 2025
Issued: September 5, 2025



Weeks 3-4 Temperature Outlook



Valid: September 20 - October 3, 2025
Issued: September 5, 2025



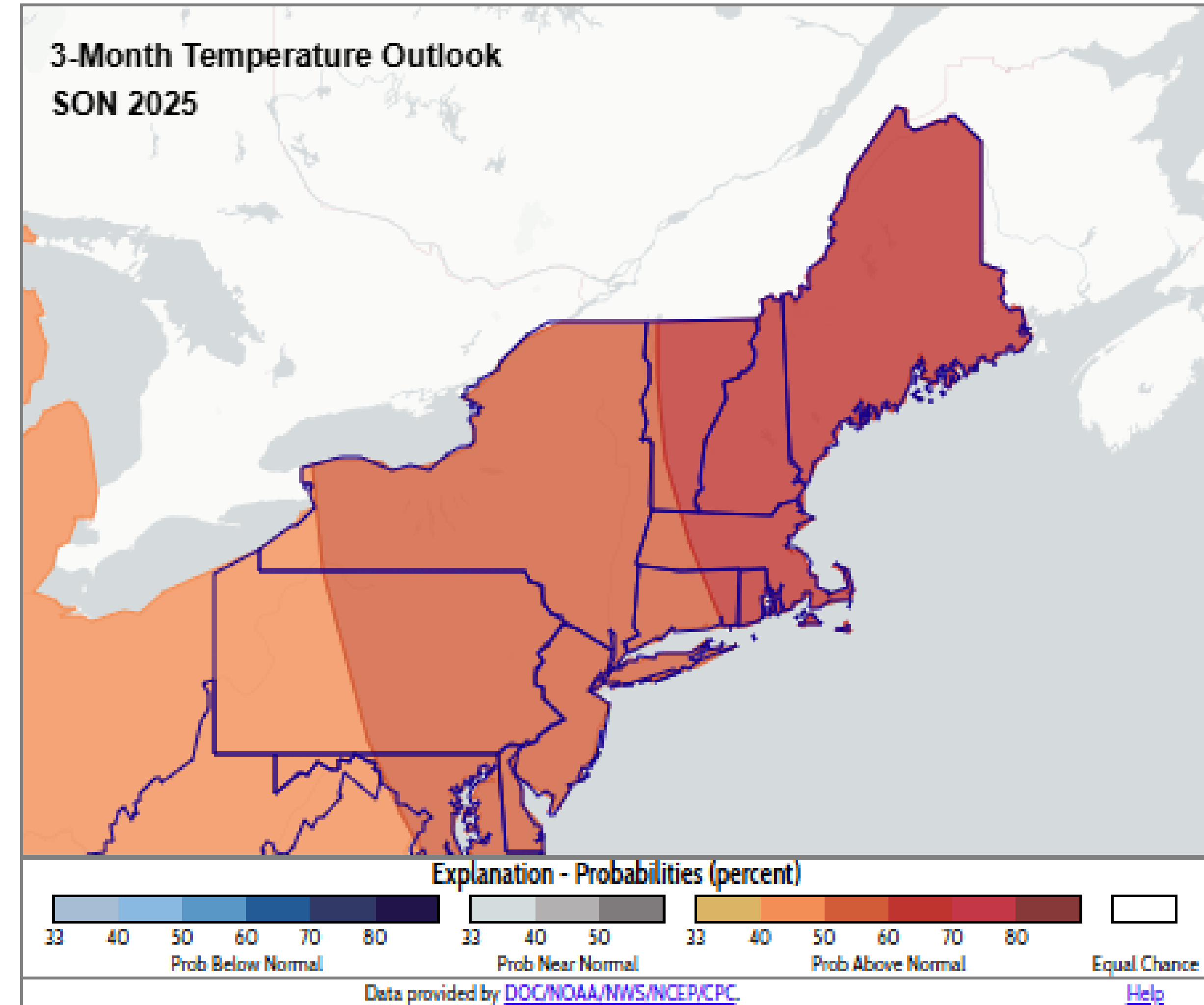
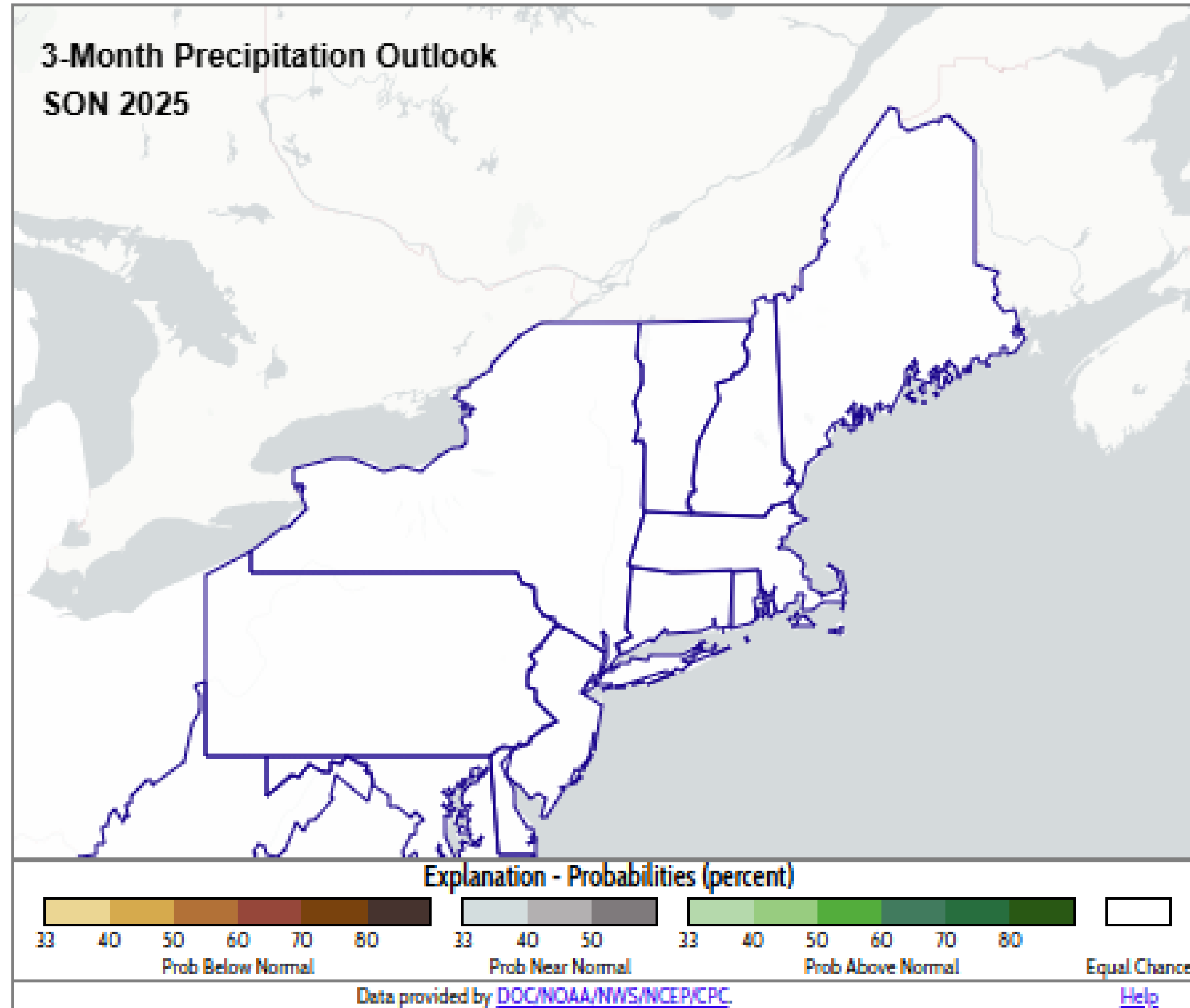
Outlook for Sep, Oct, Nov



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Equal Chances for Above/Below Normal Precipitation.

Above Normal Temperatures Likely



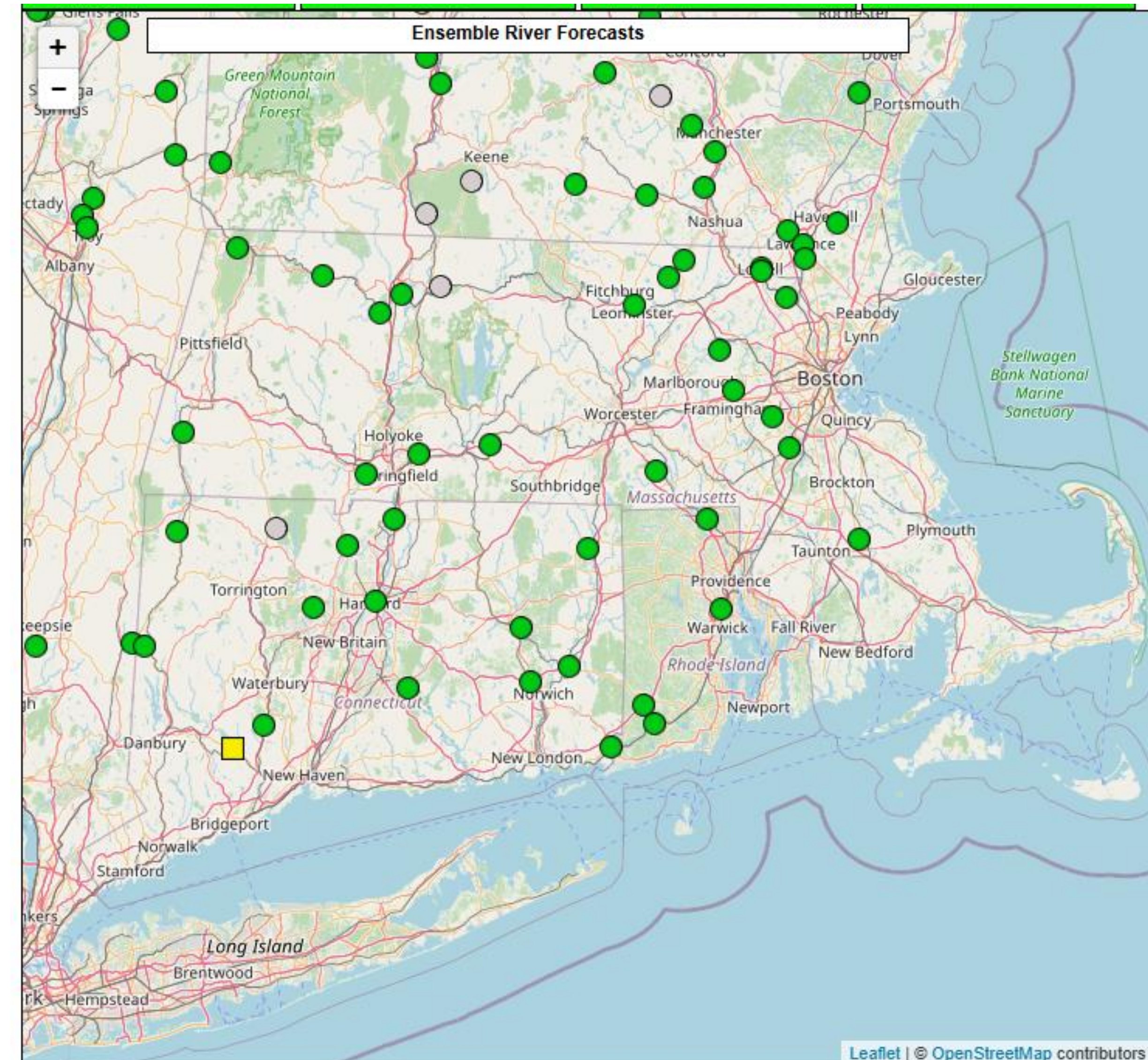
Latest River Forecasts

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





August:

- Departures generally 1-2 inches below normal
- Below Normal Precipitation for most of Massachusetts
- Pockets of near to above normal precipitation in central MA

Longer Range Precipitation Departures:

- 3-month deficits for most of state (40-80% of normal)
- 6-month precipitation is near-normal
- Sections of Cape and Islands still below normal (40-60% of normal)

Outlook:

- 7 Day Outlook is very dry with a chance for precipitation over southeast MA/Cape on Wednesday
- No strong signal for above or below normal precipitation in the long range forecast (beyond 10 days)