



MA Drought Management Task Force NWS Update

Monday, September 9th 2024

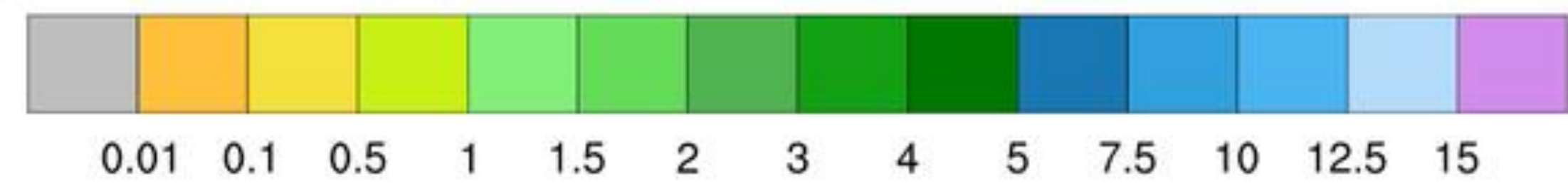
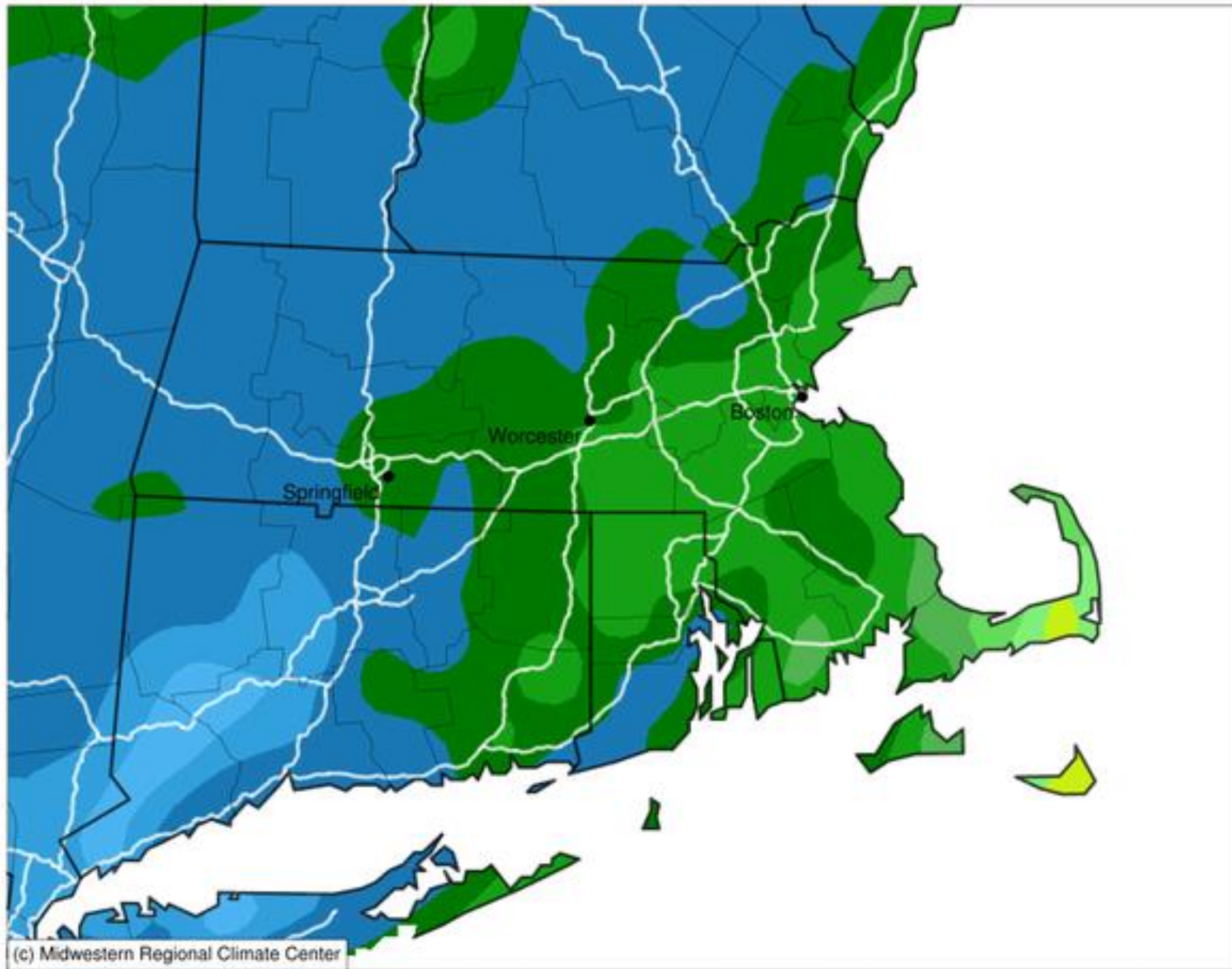
Prepared by: NWS Boston/Norton, MA

August Precipitation

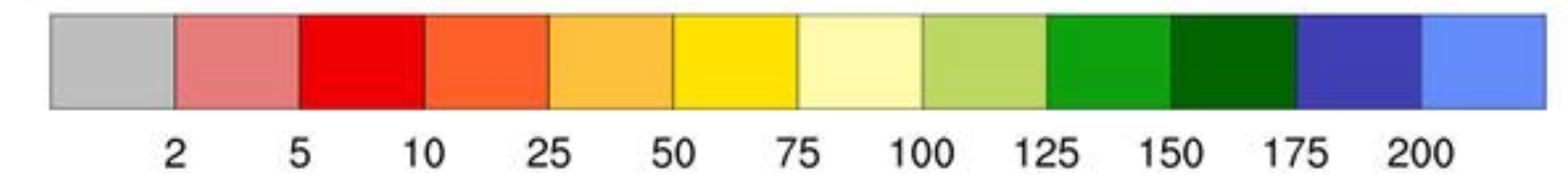
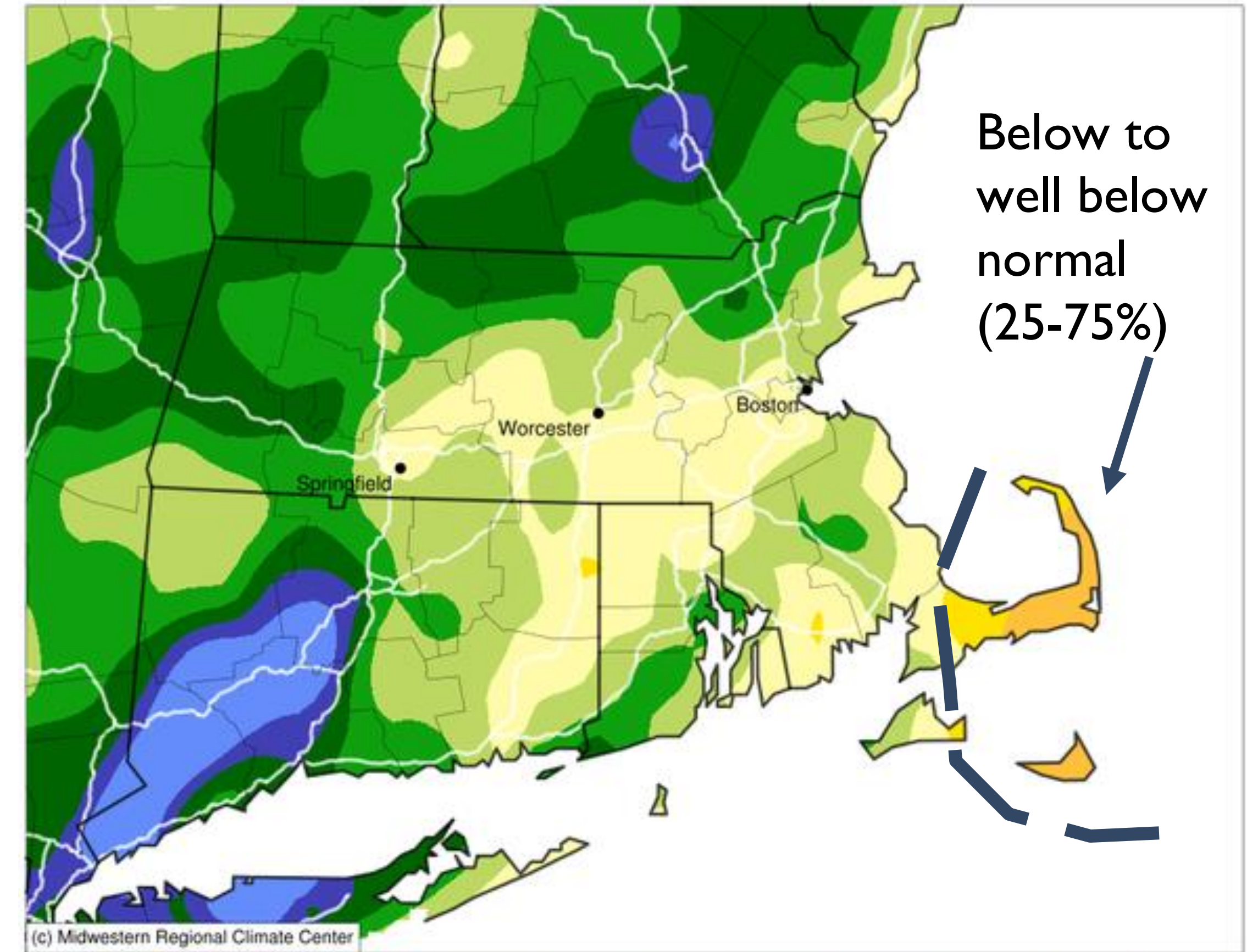


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Accumulated Precipitation (in)
August 01, 2024 to August 31, 2024



Accumulated Precipitation (in): Percent of 1991-2020 Normals
August 01, 2024 to August 31, 2024



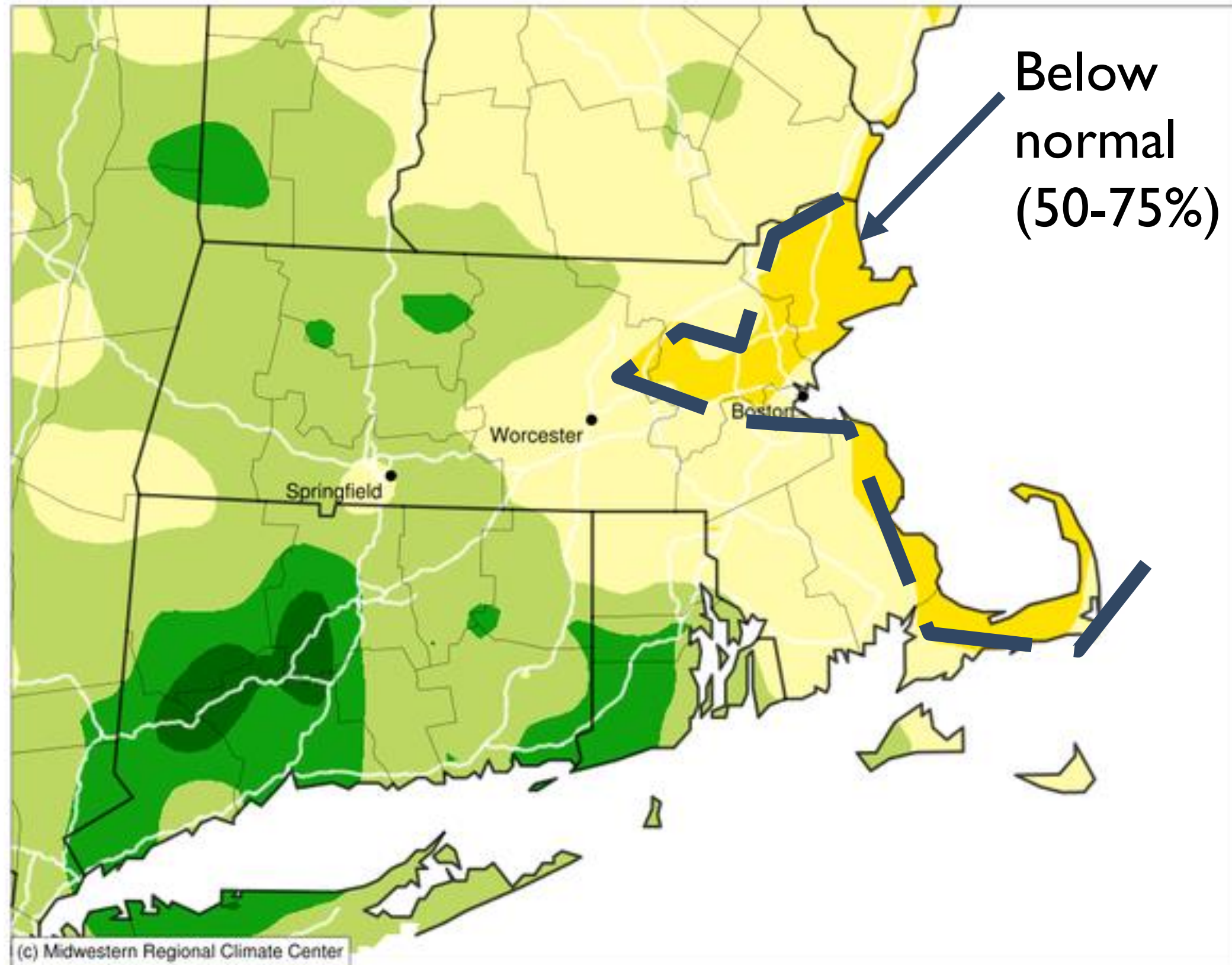
3 and 6 Month Percent of Normal



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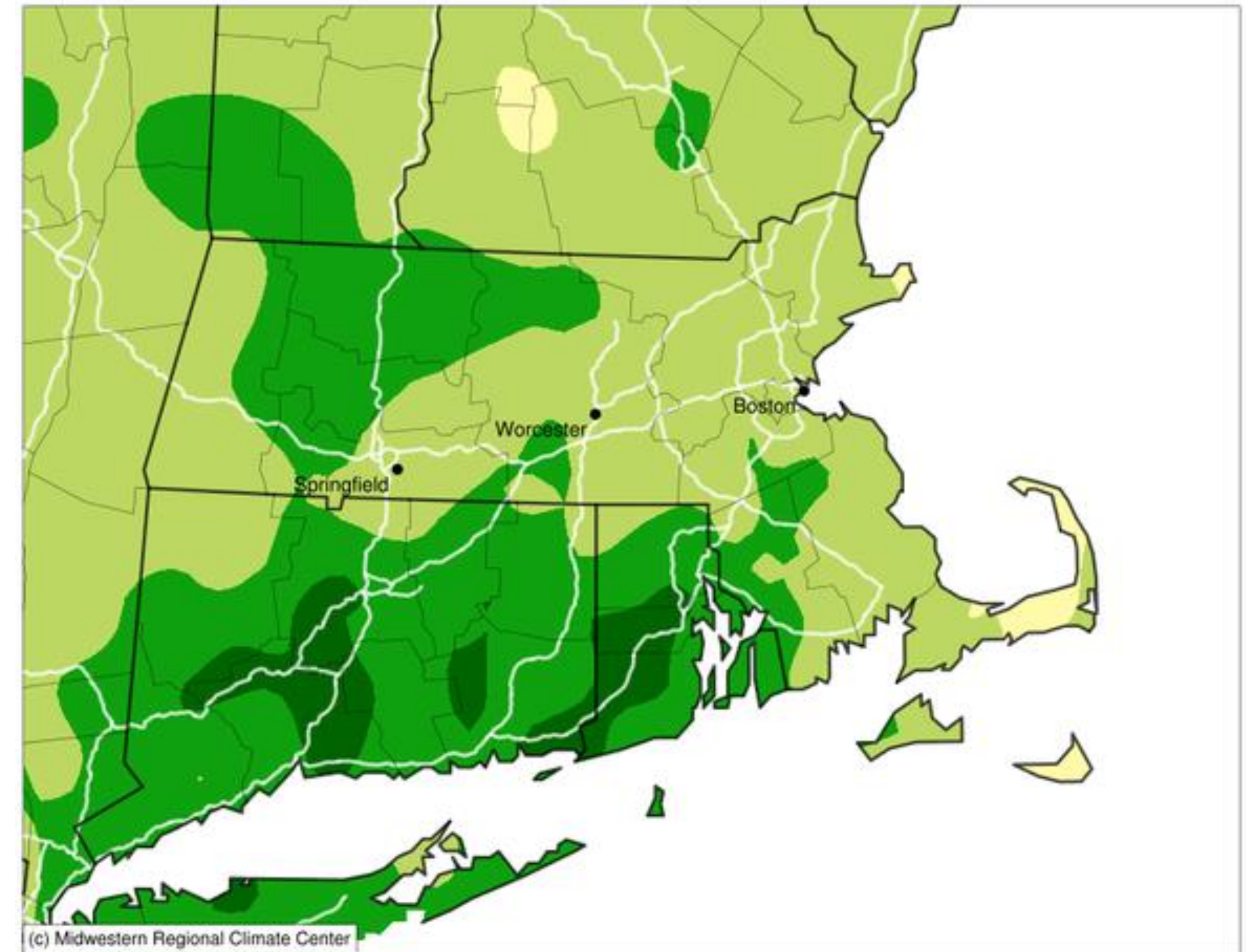
Last 3 Months

Accumulated Precipitation (in): Percent of 1991-2020 Normals
June 01, 2024 to August 31, 2024



Last 6 Months

Accumulated Precipitation (in): Percent of 1991-2020 Normals
March 01, 2024 to August 31, 2024



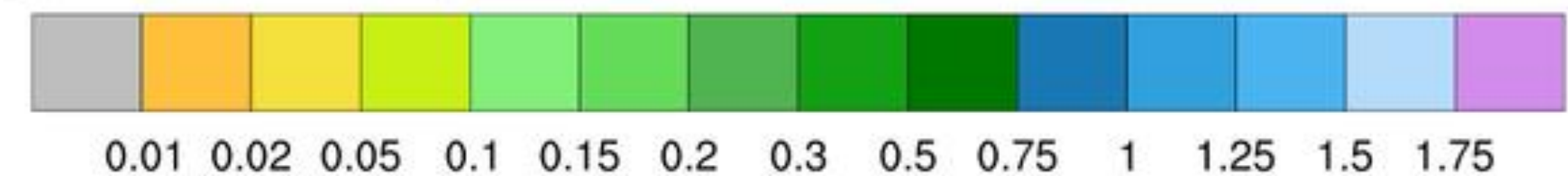
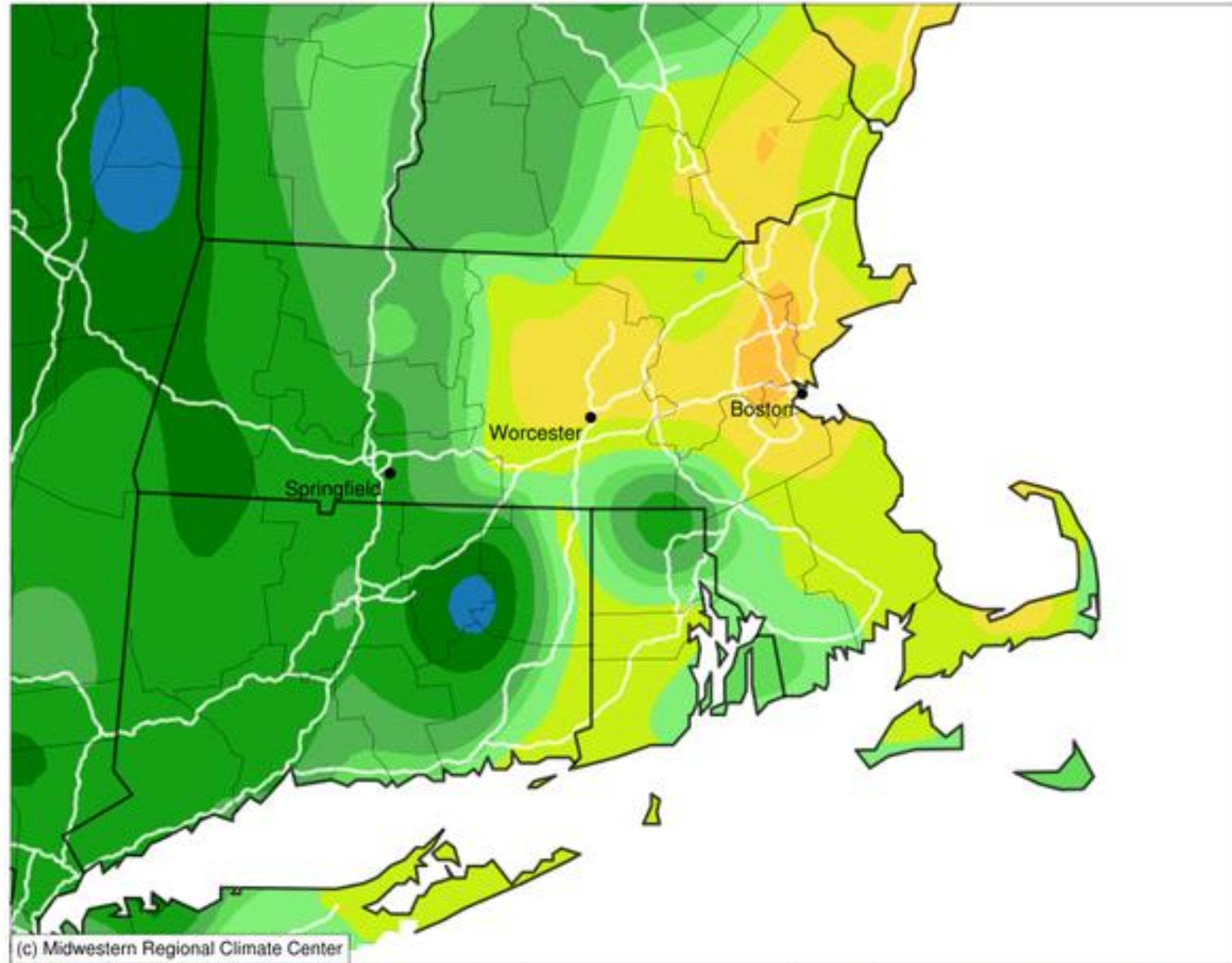
September Precipitation So Far



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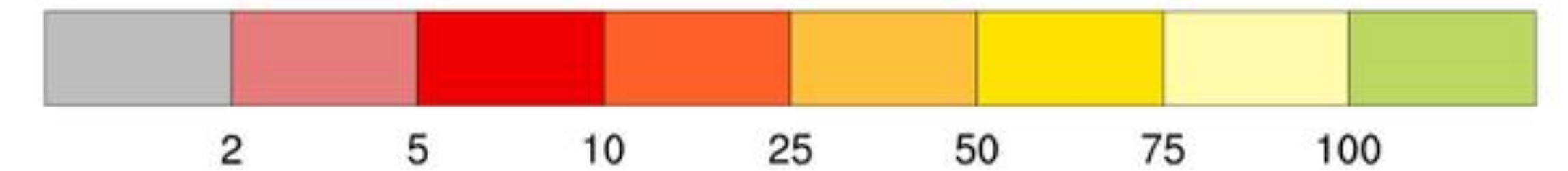
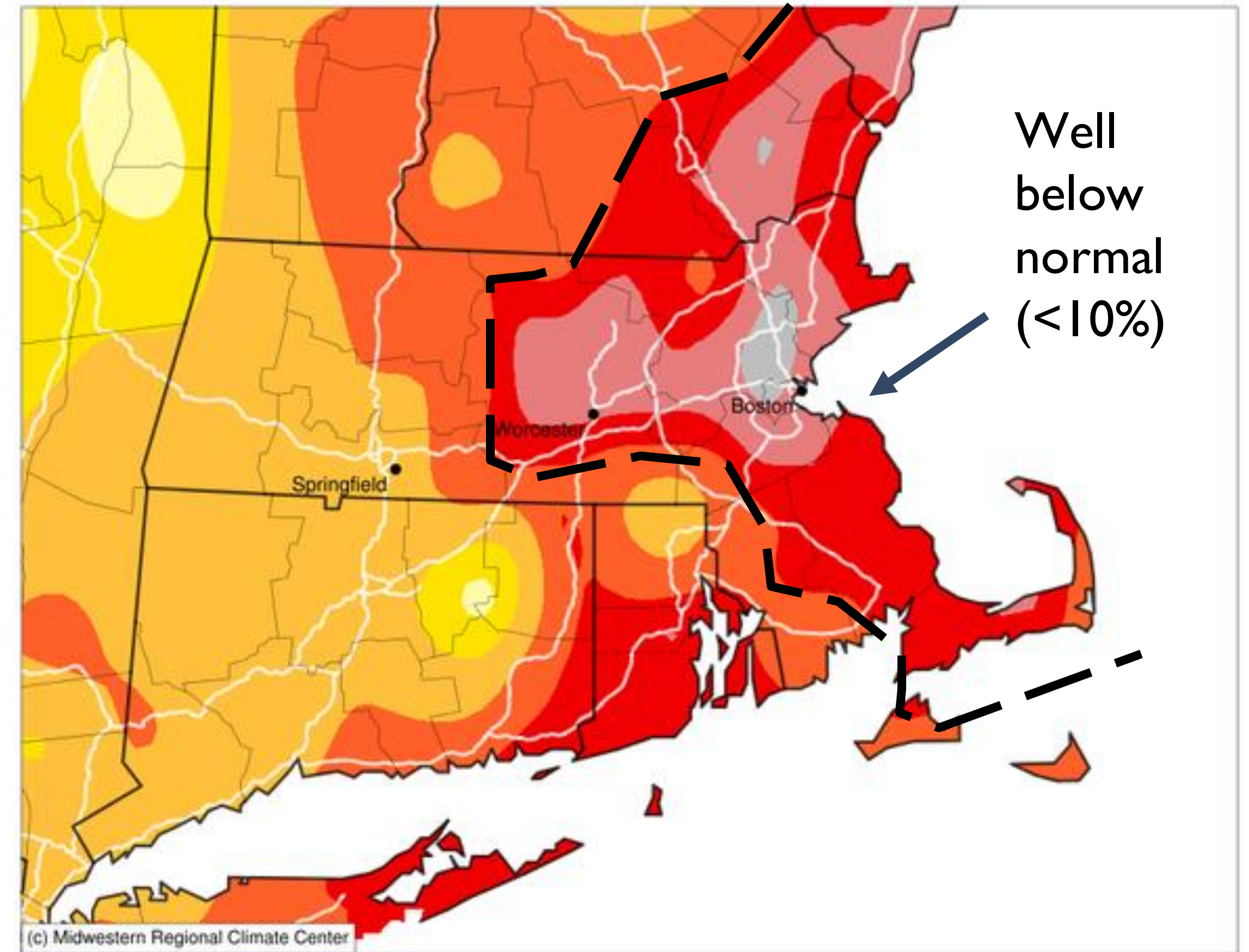
Accumulated Precipitation (in)

September 01, 2024 to September 08, 2024



Accumulated Precipitation (in): Percent of 1991-2020 Normals

September 01, 2024 to September 08, 2024

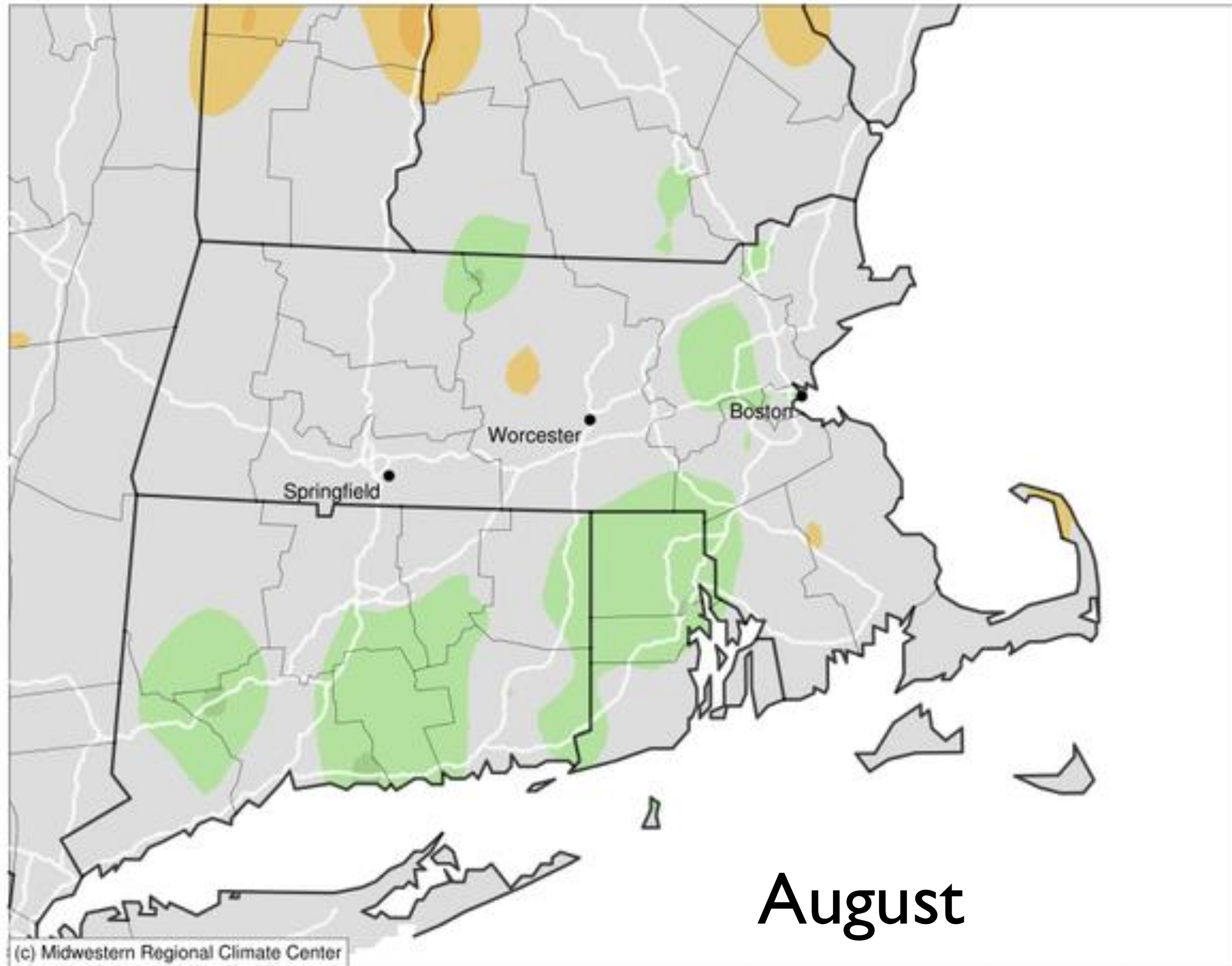


Temperature Departures

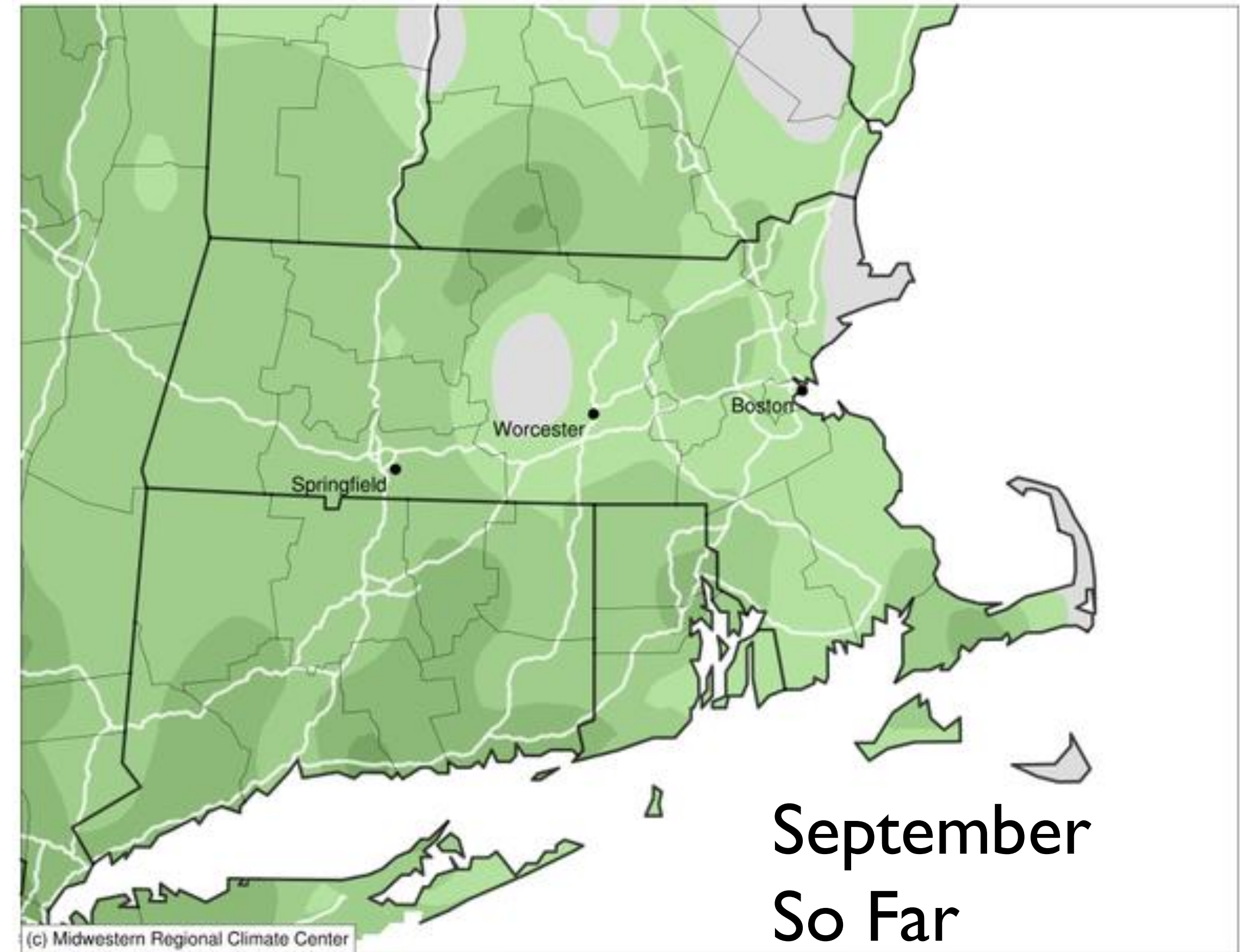


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Average Temperature (°F): Departure from 1991-2020 Normals
August 01, 2024 to August 31, 2024



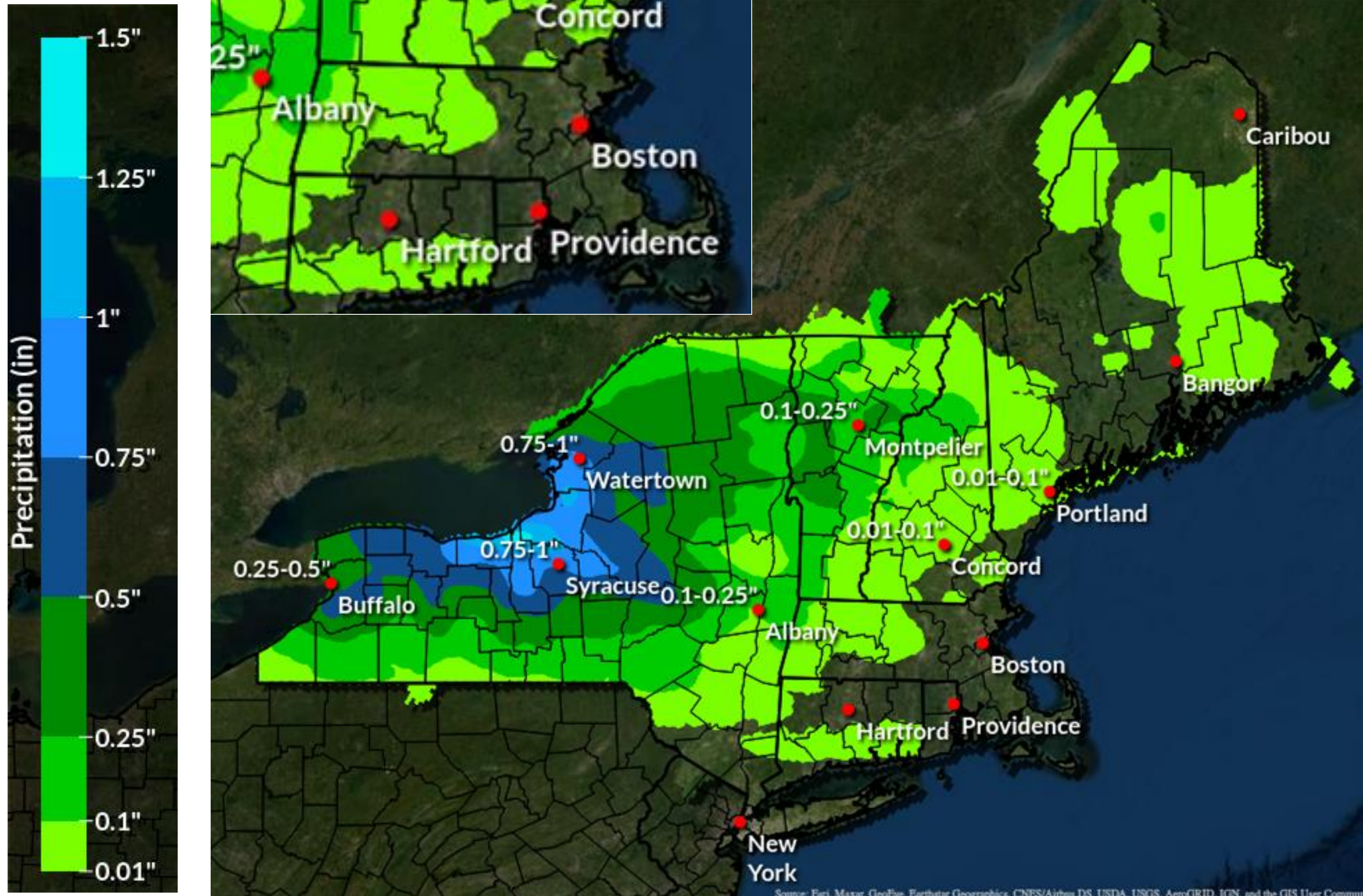
Average Temperature (°F): Departure from 1991-2020 Normals
September 01, 2024 to September 08, 2024



7 Day Precipitation Forecast



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Highlights:

- **Dry through early next week**
- Only up to 0.10" in western and central MA
- No rainfall expected elsewhere

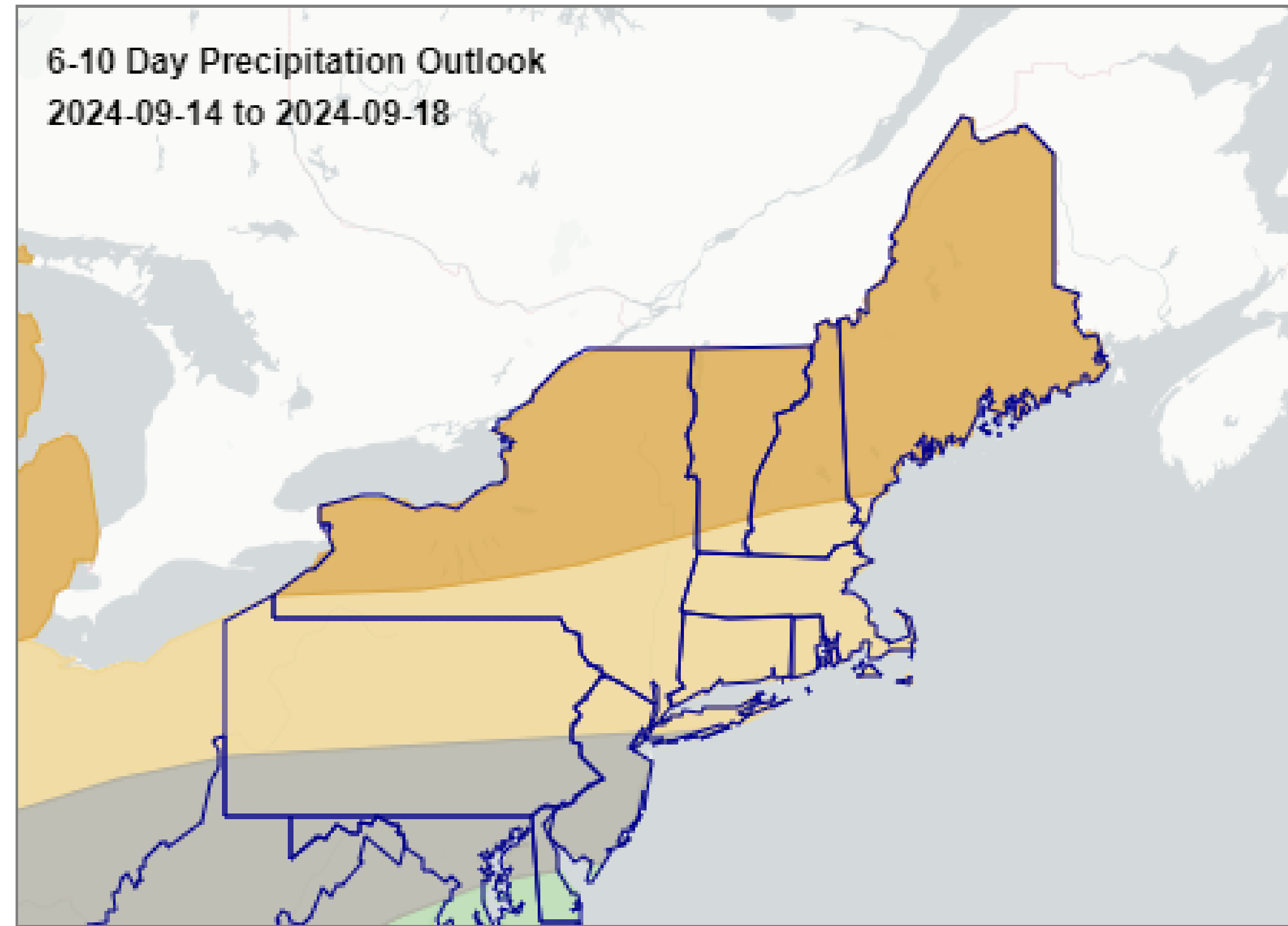
Outlook: Sat Sep 14 - Wed Sep 18



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Odds favor below average rainfall and above average temperatures

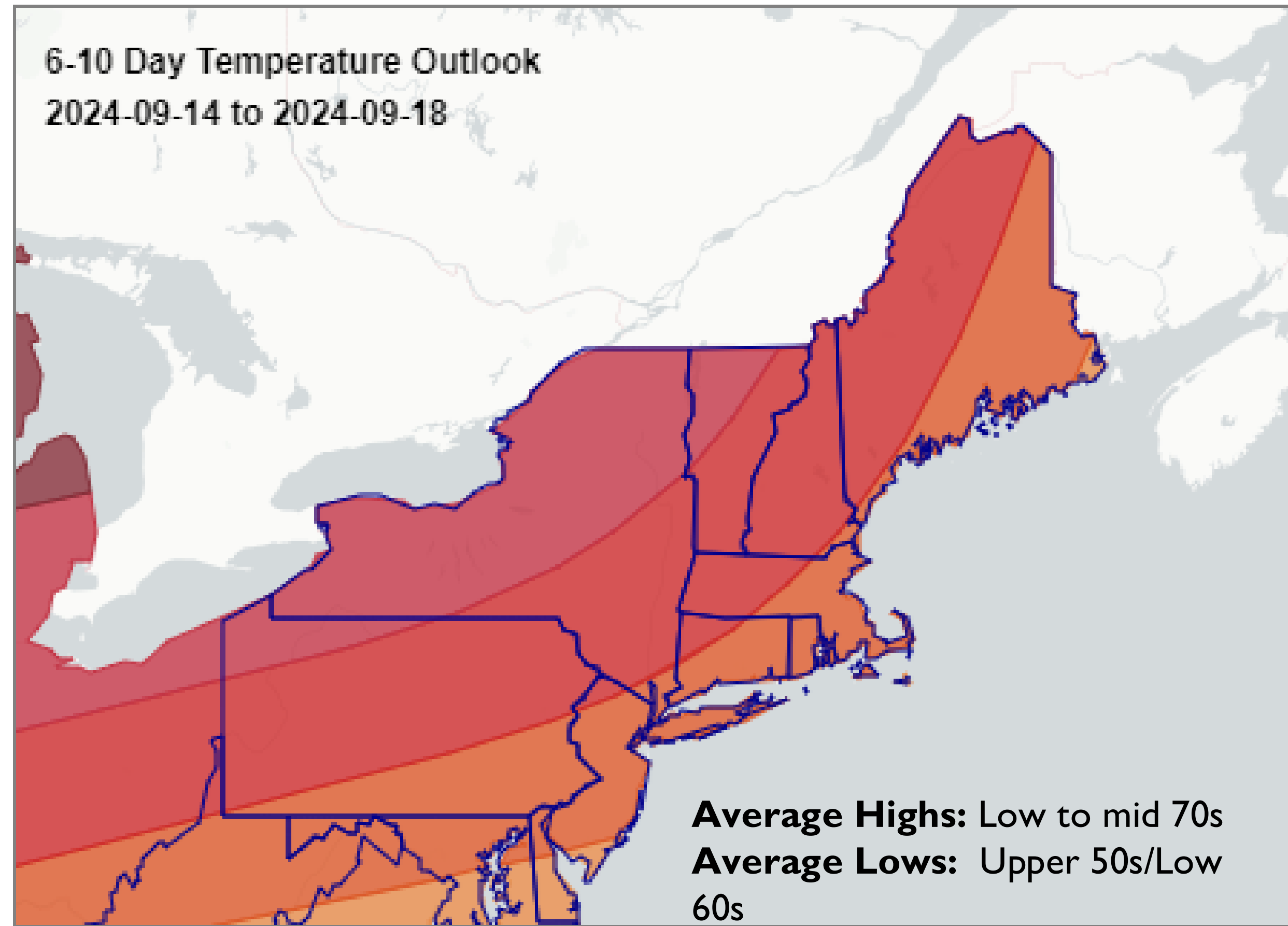
6-10 Day Precipitation Outlook
2024-09-14 to 2024-09-18



Explanation - Probabilities (percent)

40	33	33	40
Prob Below Normal		Normal	Prob Above Normal

6-10 Day Temperature Outlook
2024-09-14 to 2024-09-18



Explanation - Probabilities (percent)

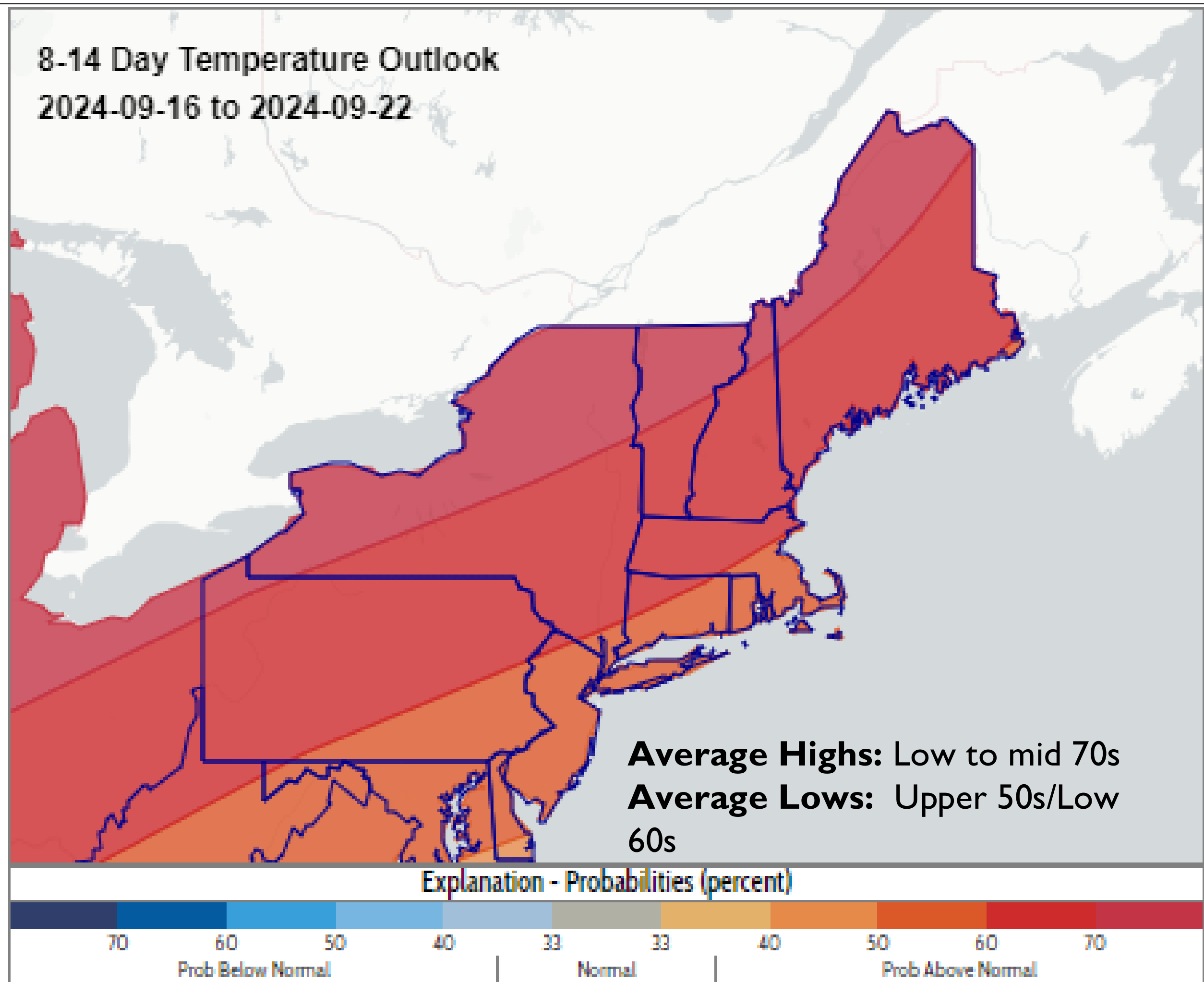
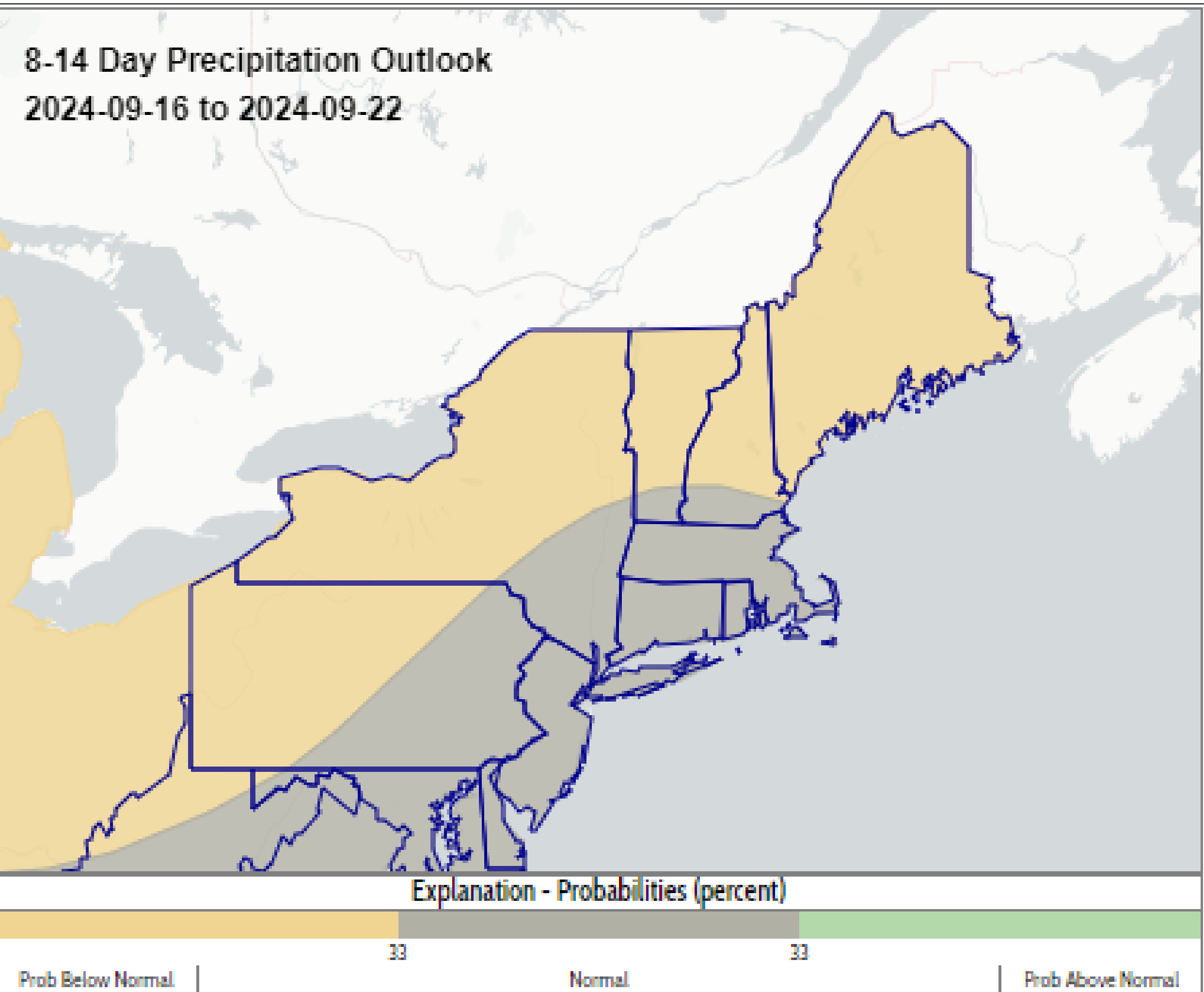
80	70	60	50	40	33	33	40	50	60	70	80
Prob Below Normal					Normal		Prob Above Normal				

Outlook: Mon Sep 16 - Sun Sep 22



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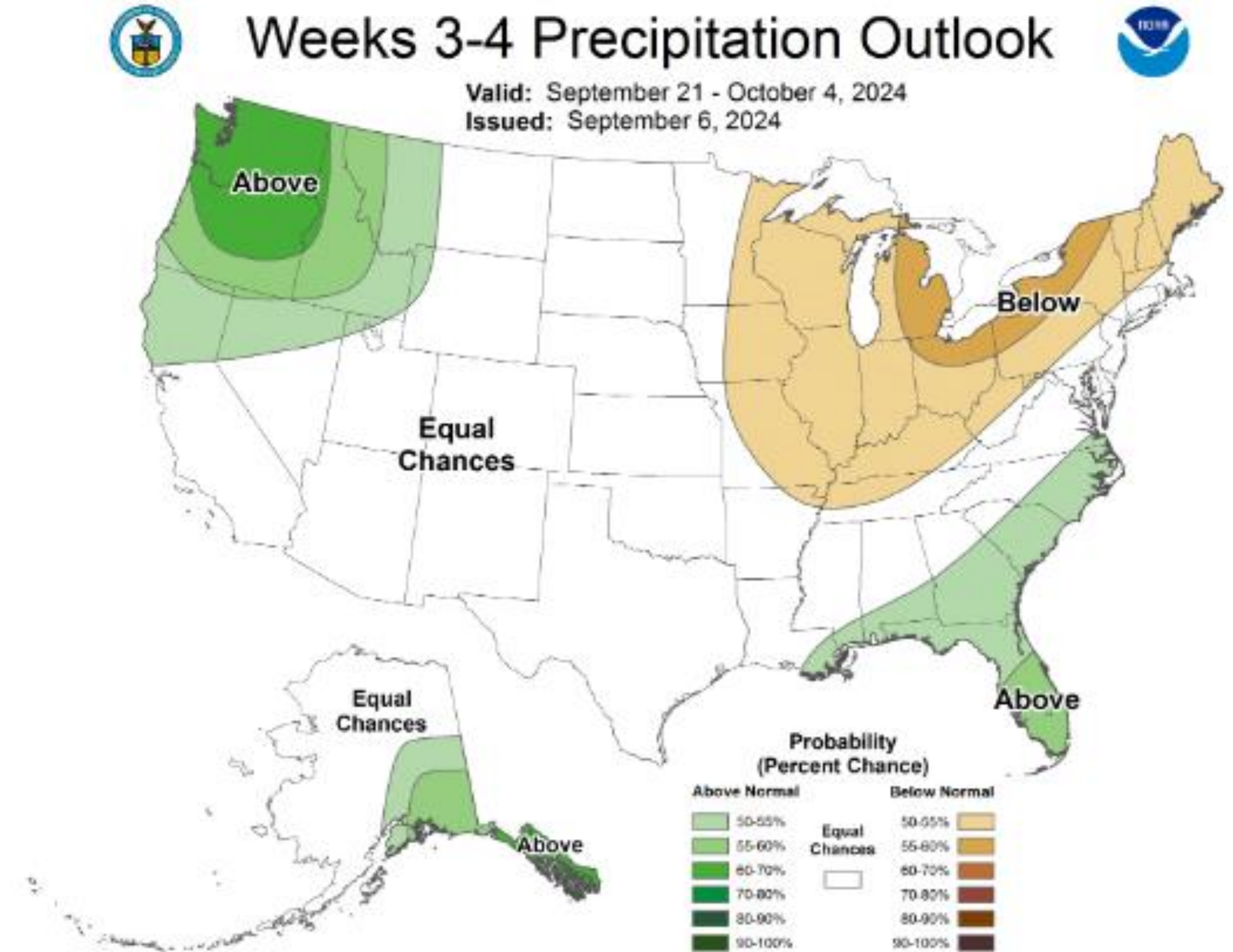
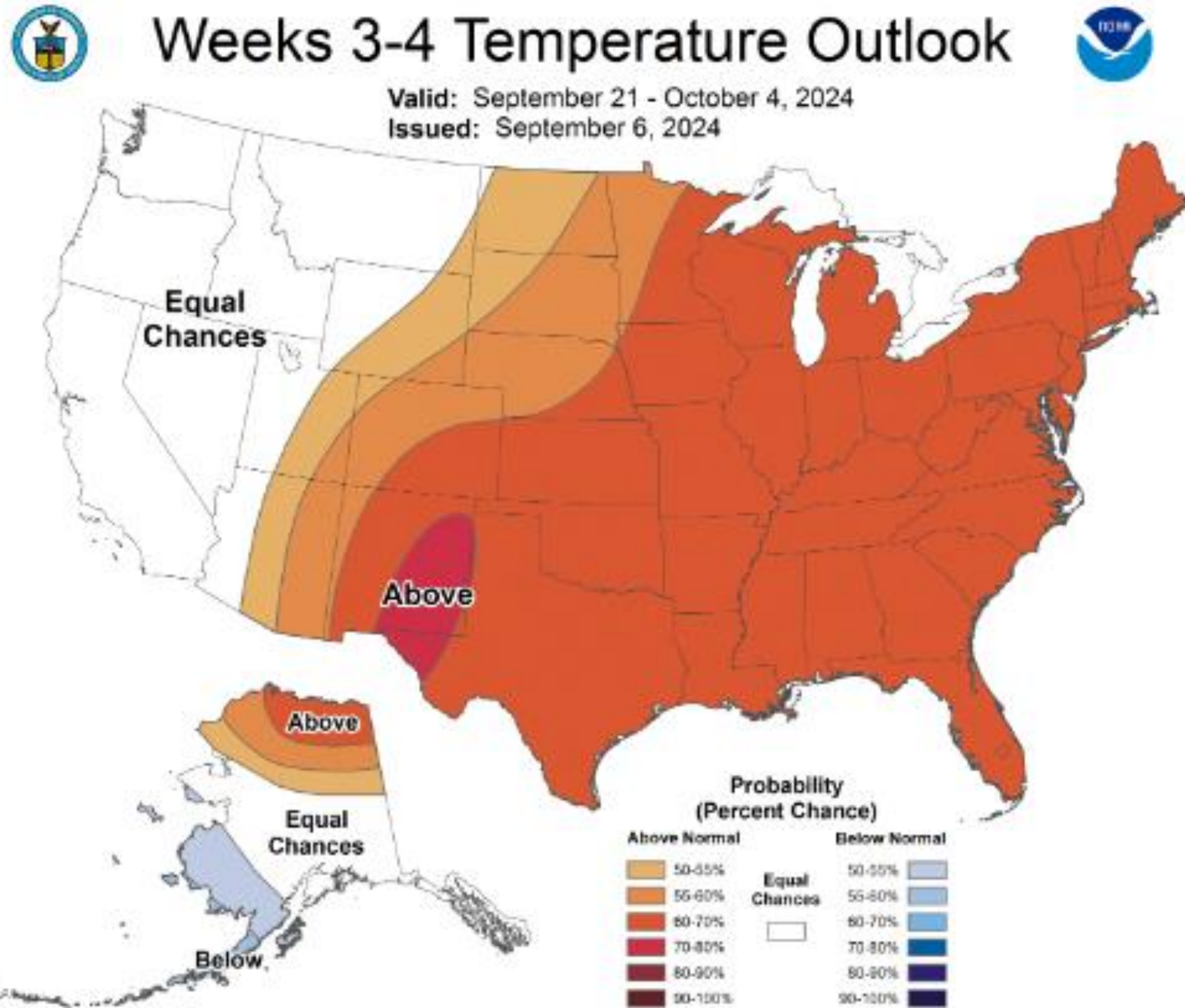
Odds favor average rainfall and above average temperatures





Odds favor above average temperatures

Odds favor near to perhaps below normal precipitation

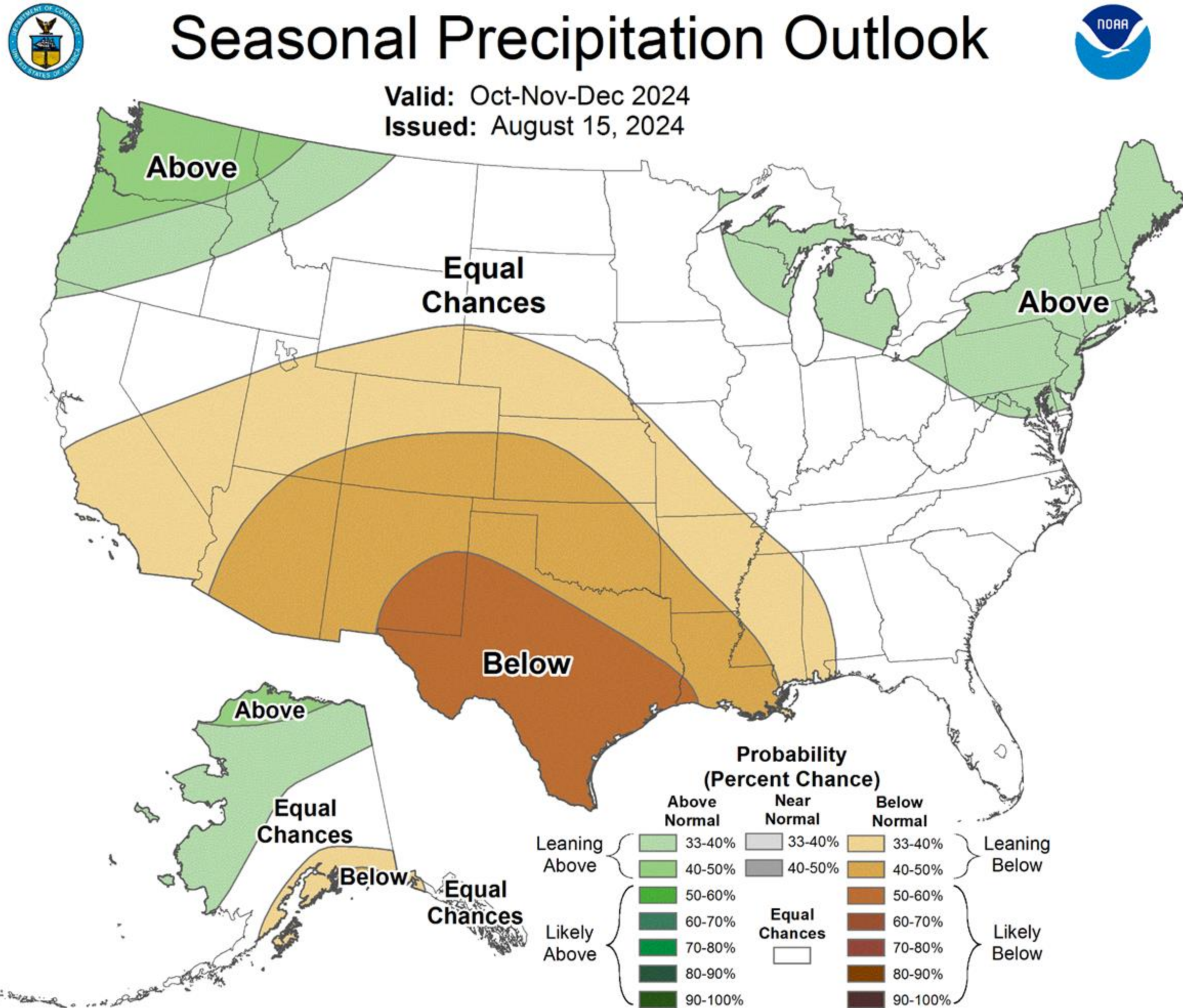


Outlook: October, November, December

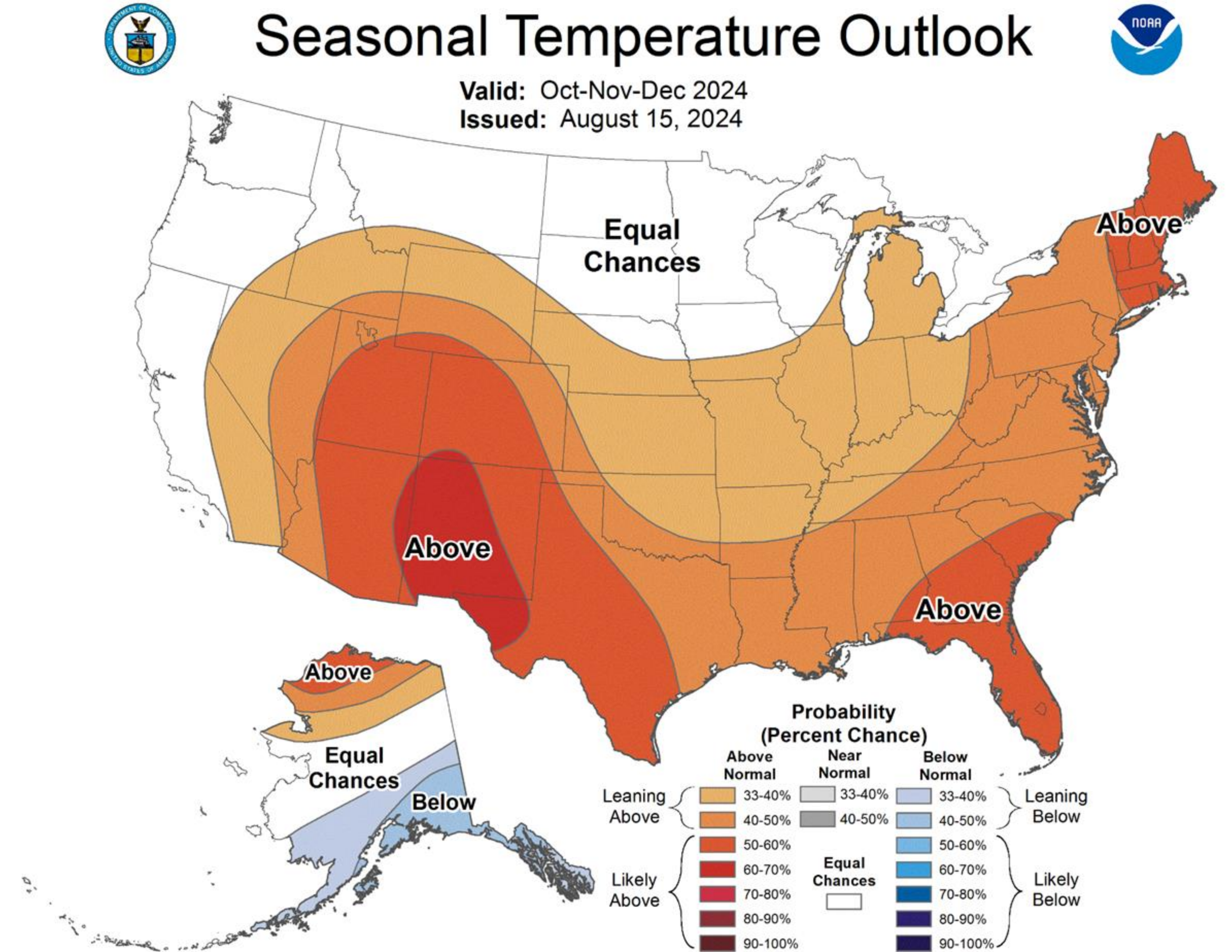


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Above average precipitation slightly favored



Higher chance of above average temperatures





- August rainfall was near normal with the following exceptions:
 - Above normal in western and northern MA
 - Below to much below normal on Cape Cod, Nantucket, and near Edgartown
- Three-month departures have shown a decline in eastern MA
- Six-month departures are on the lower end of normal on Cape Cod and Nantucket
- So far in September, rainfall has been minimal and is well below average
- Dry weather pattern continues for at least the next two weeks
 - Perhaps up to 1/4 inch of rainfall through next Monday, mainly in western MA
- Above normal temperatures should continue through the fall
- May see a somewhat wetter pattern emerge later in the fall (October/November)
 - In the meantime, we still need to watch the tropics!