



# MA Drought Management Task Force NWS Update

Tuesday, January 7<sup>th</sup> 2025

*Prepared by: NWS WFO Boston/Norton, MA*

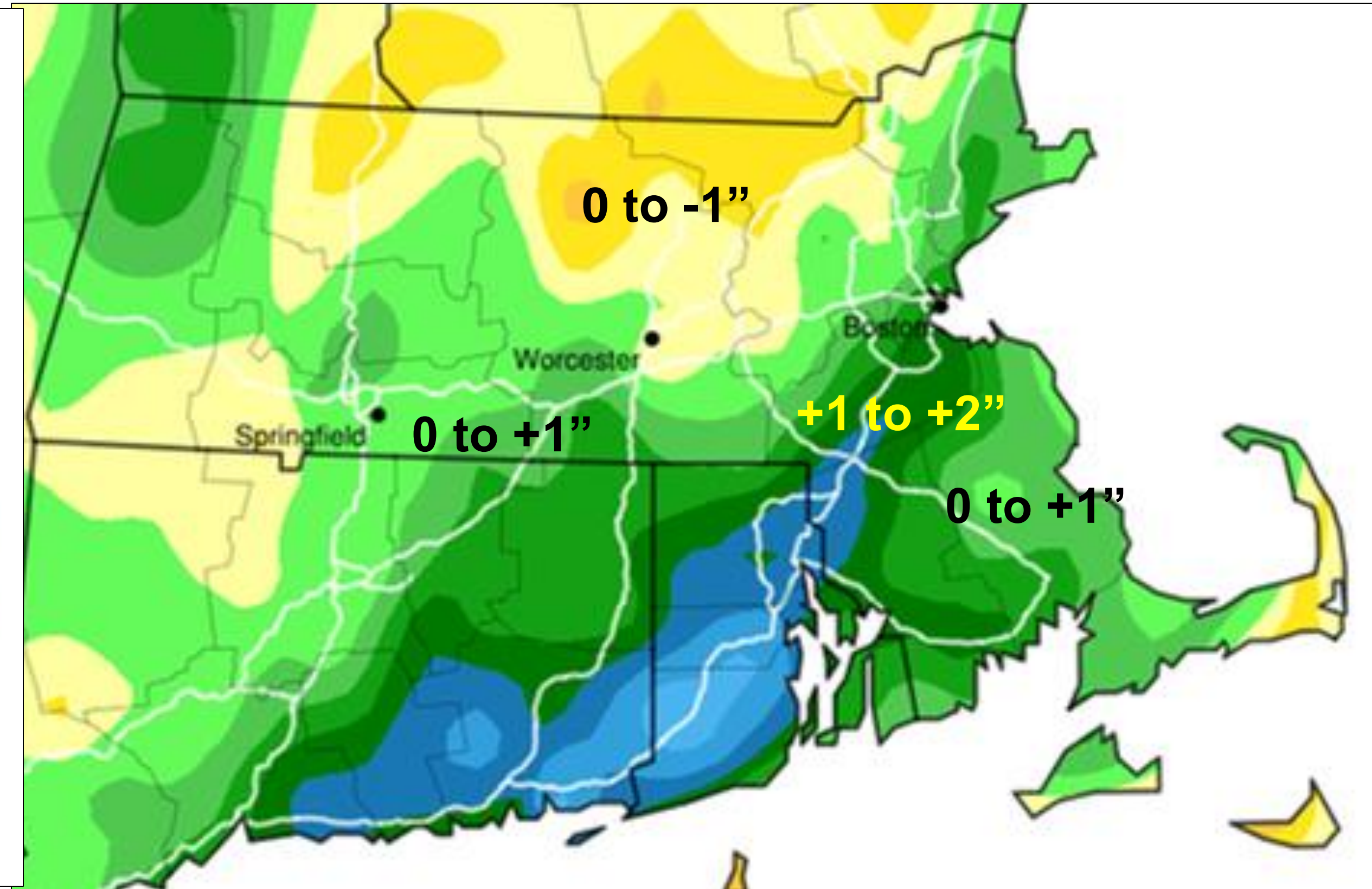
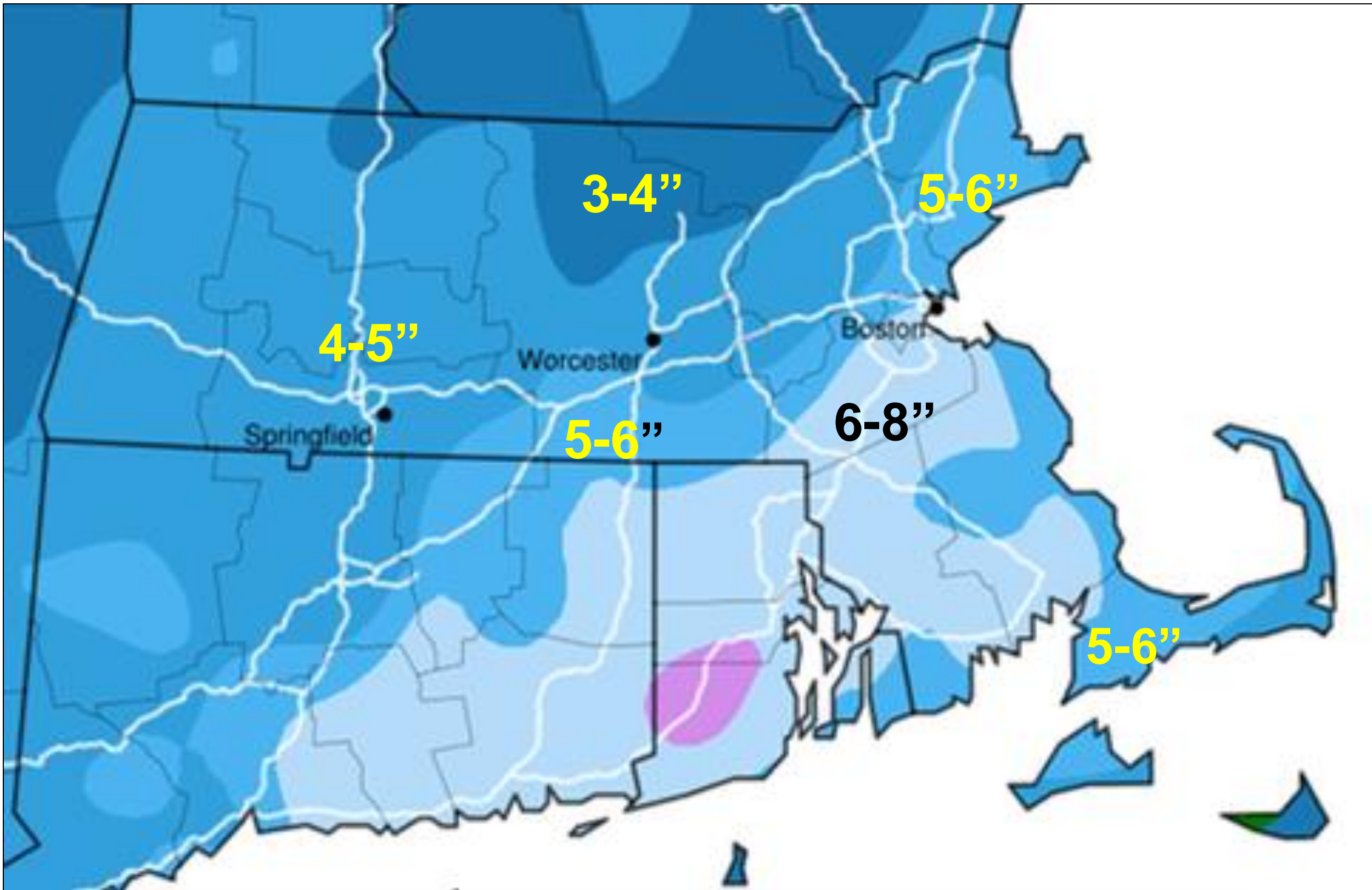
# December Precipitation & Departures



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## Precipitation

## Departure from Normal



3-6 inch totals for most of the Commonwealth

Departures were near to slightly above normal

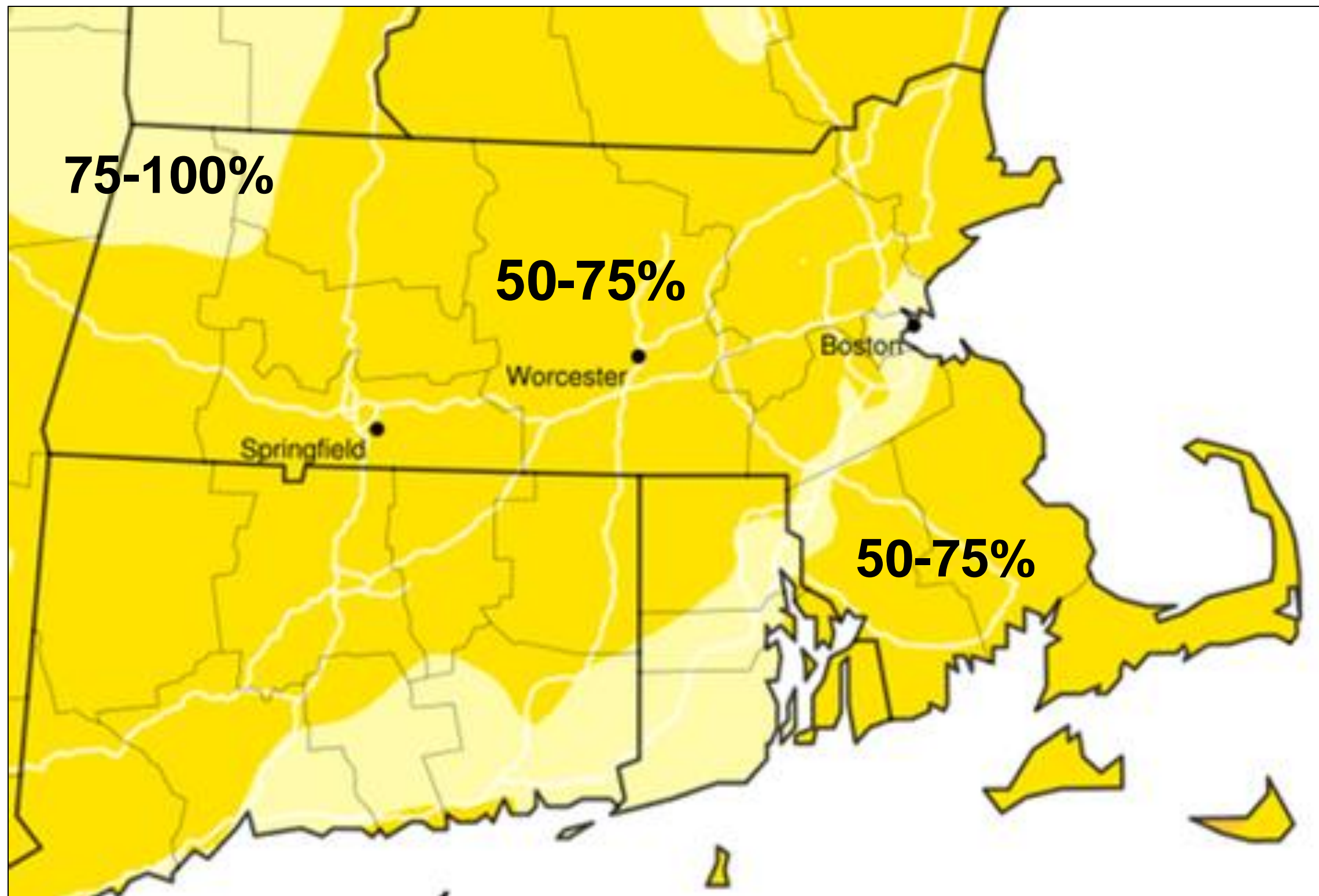
# 3 and 6 Month Percent of Normal



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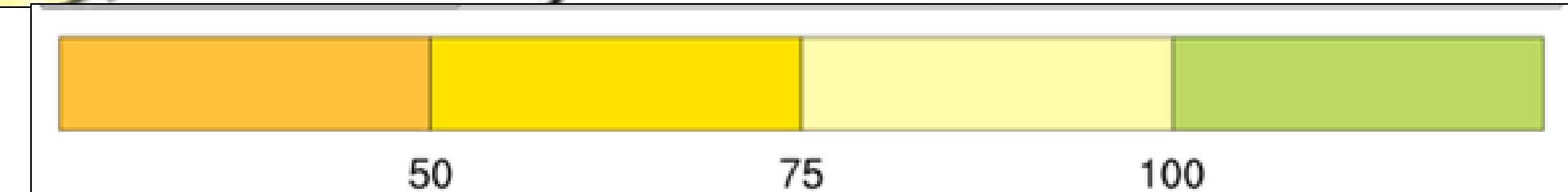
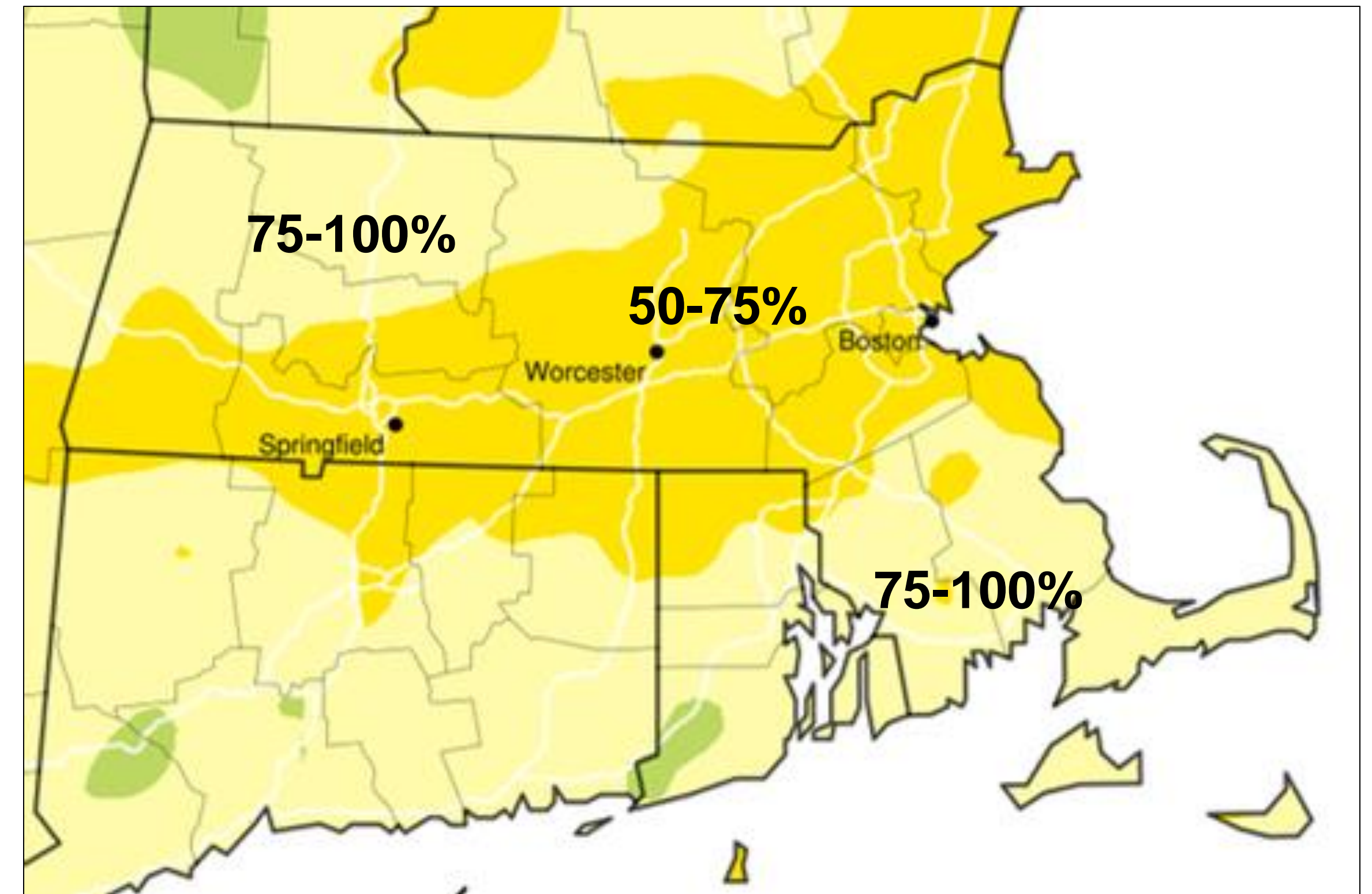
## Last 3 Months (Oct-Dec)

- Mostly 50-75% with some areas closer to normal (75-100%)



## Last 6 Months (Jul-Dec)

- Mostly 50-75% with some areas closer to normal (75-100%)



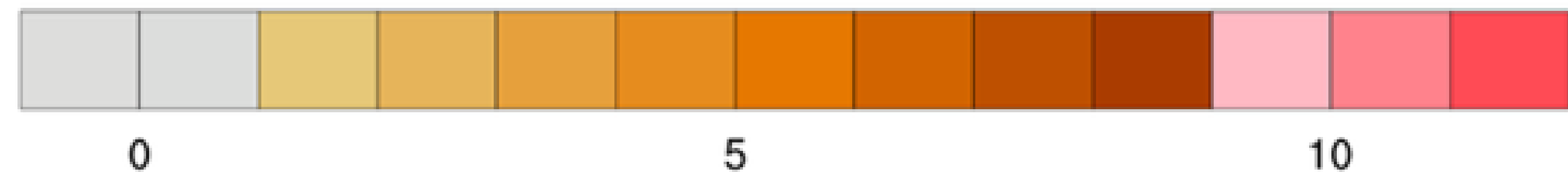
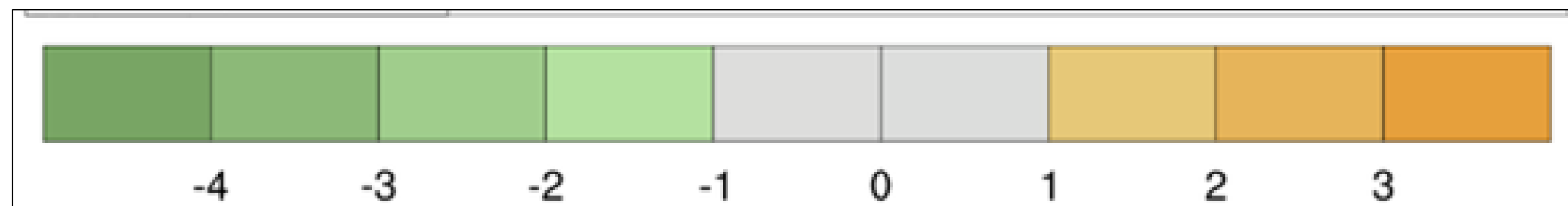
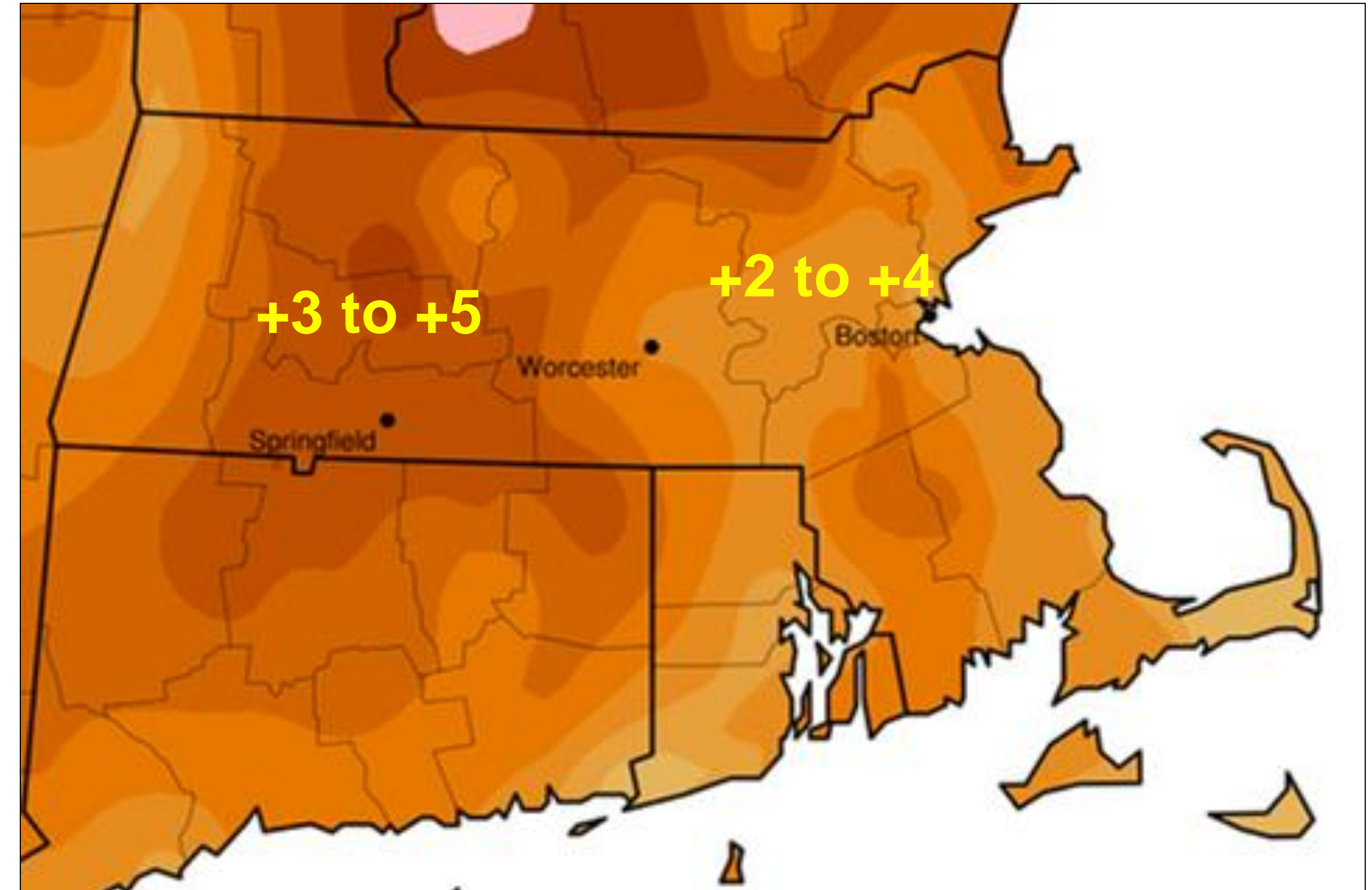
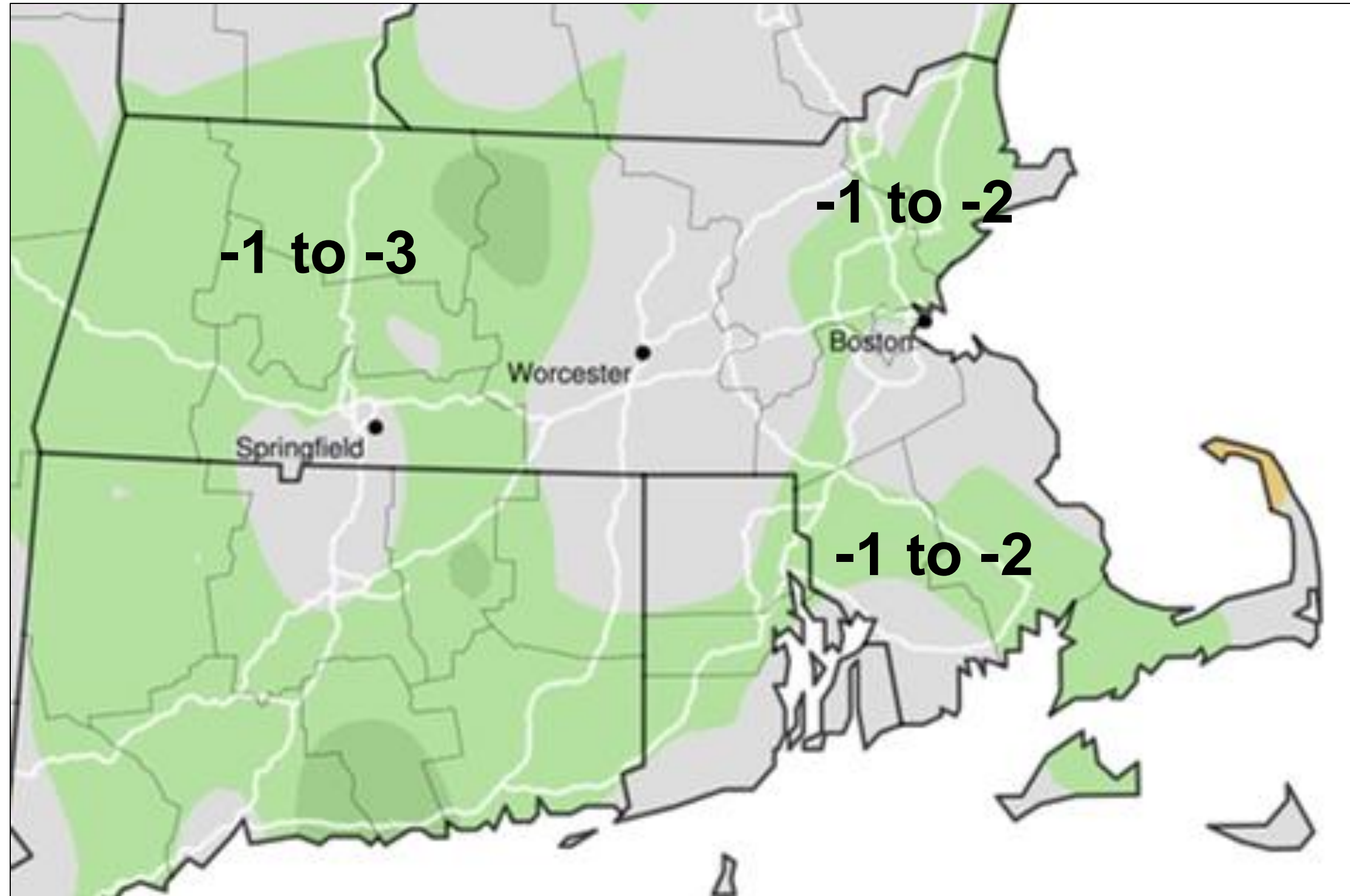
# Average Temperatures



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December: Near to Slightly Below Normal

January 1-5: Above normal



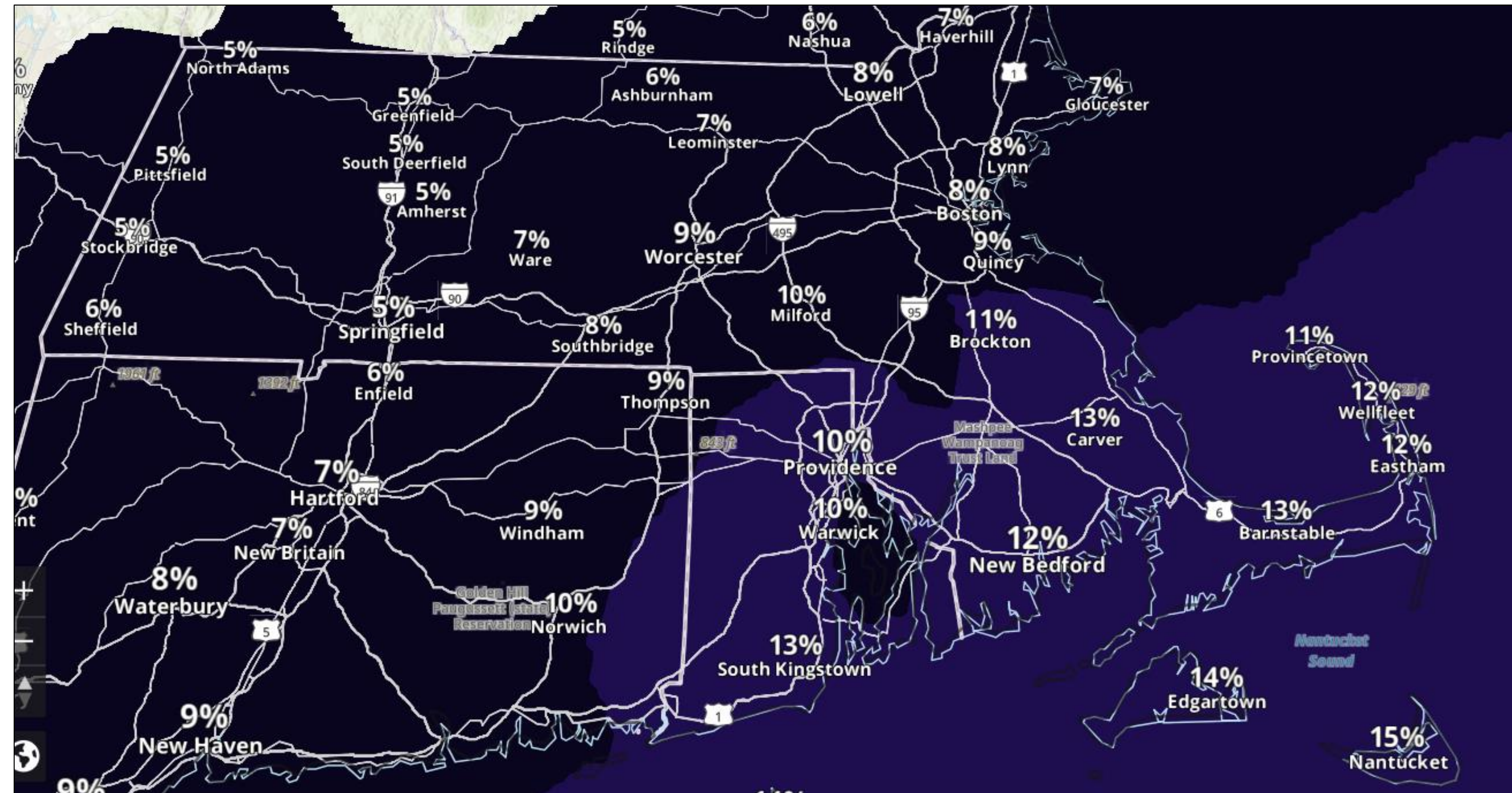
# 7 Day Precipitation Forecast

Through Mon January 13



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- Dry and cold this week.
- **Potential** for up to 0.50" of precipitation (snow) next weekend
- **Highly uncertain** - coastal storm may track well offshore and we remain dry, or it may graze south coastal MA



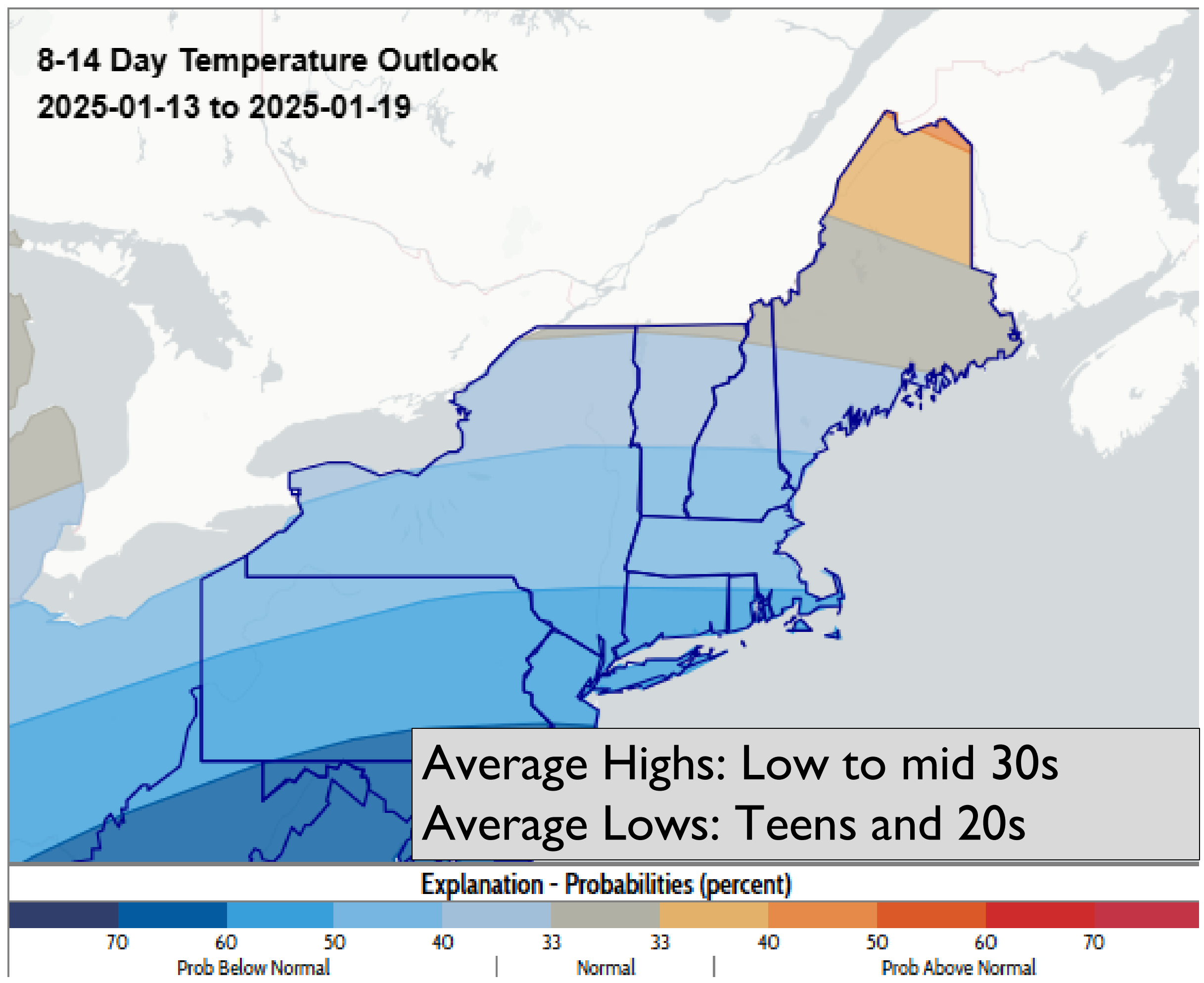
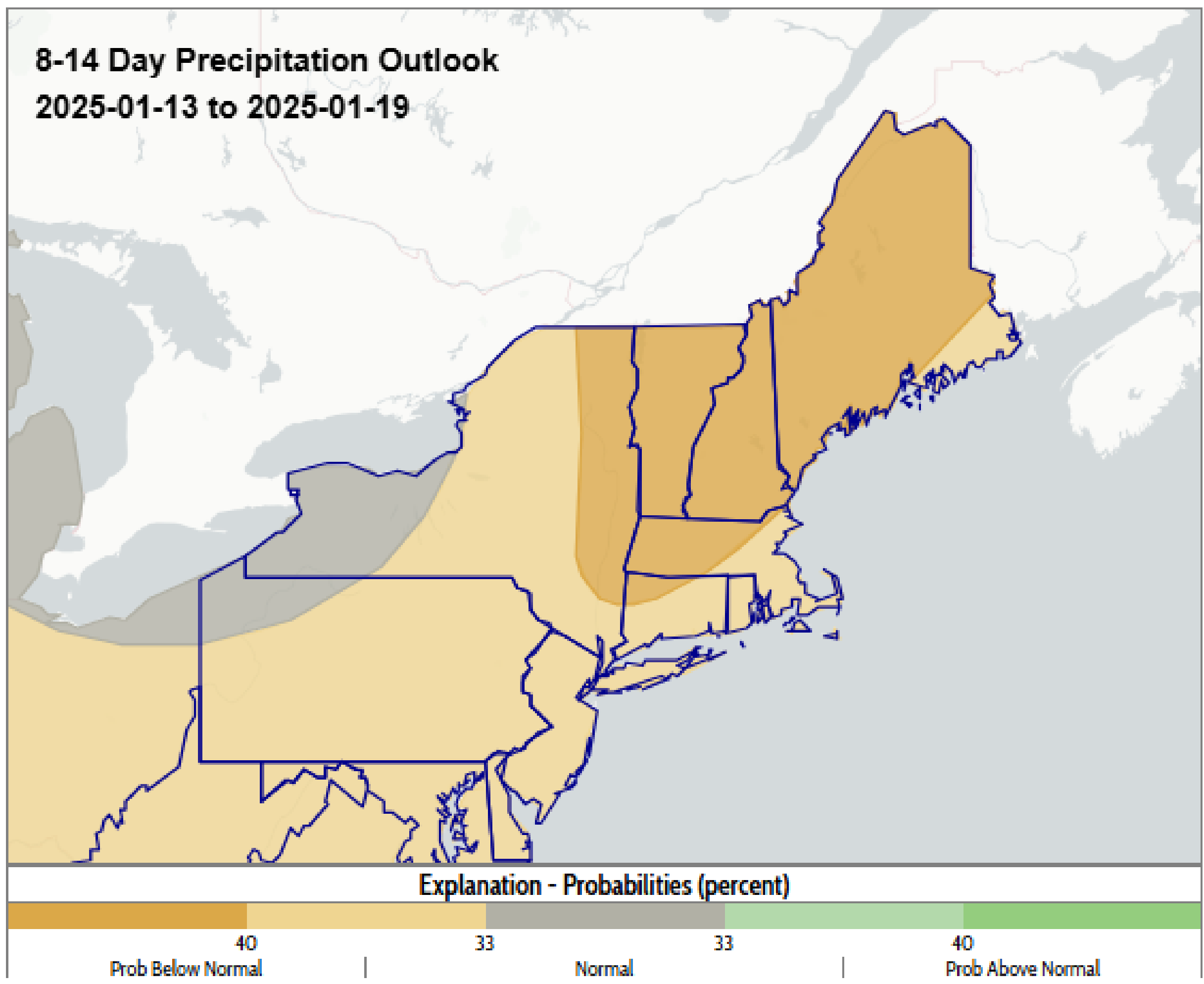
Chance of seeing 0.25" or more of precipitation over the weekend. Note the chances are fairly low (less than 20%) and focused on southeast MA including Cape Cod and the Islands. This would be could enough for snow.

# Outlook: Mon Jan 13 - Sun Jan 19



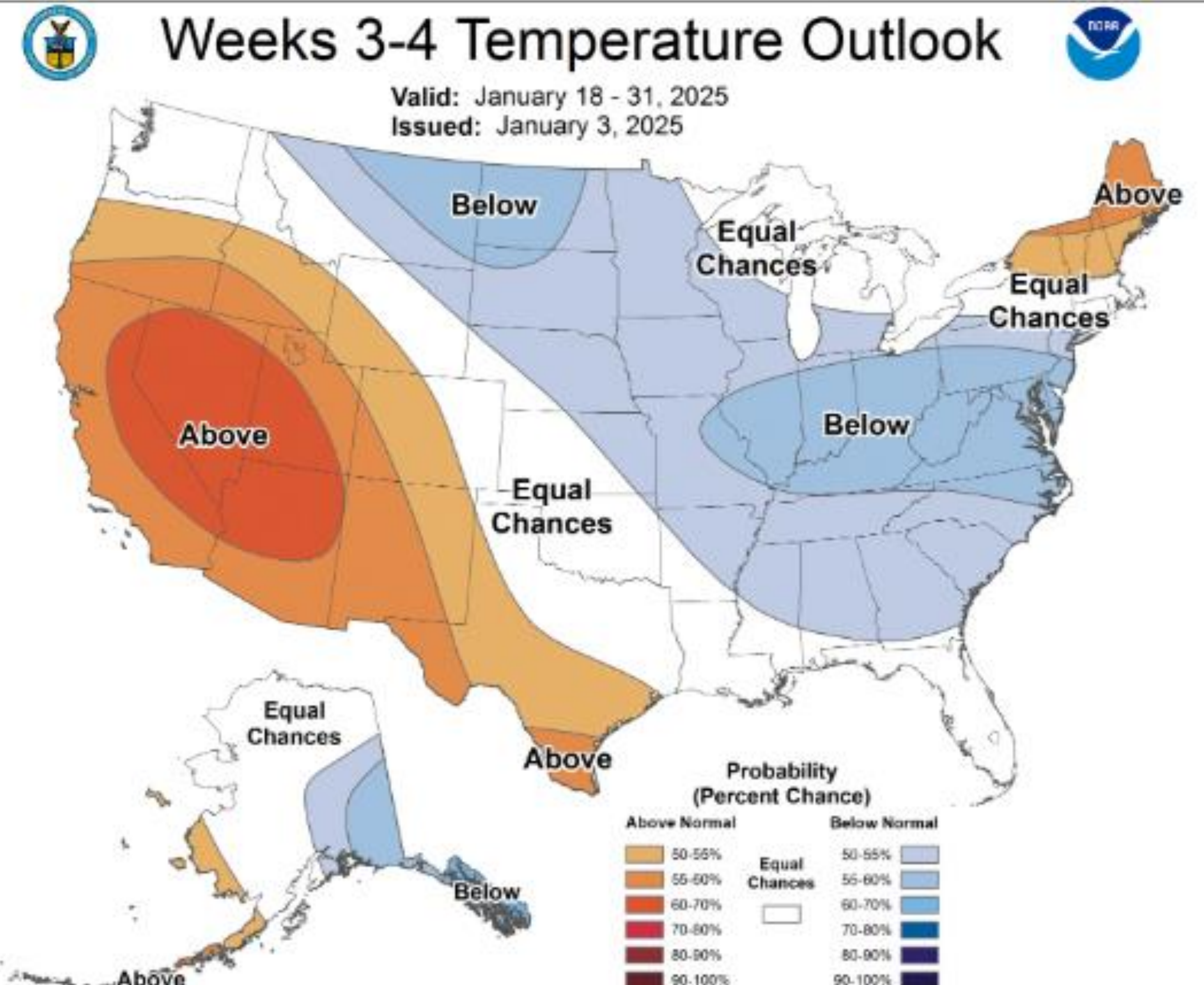
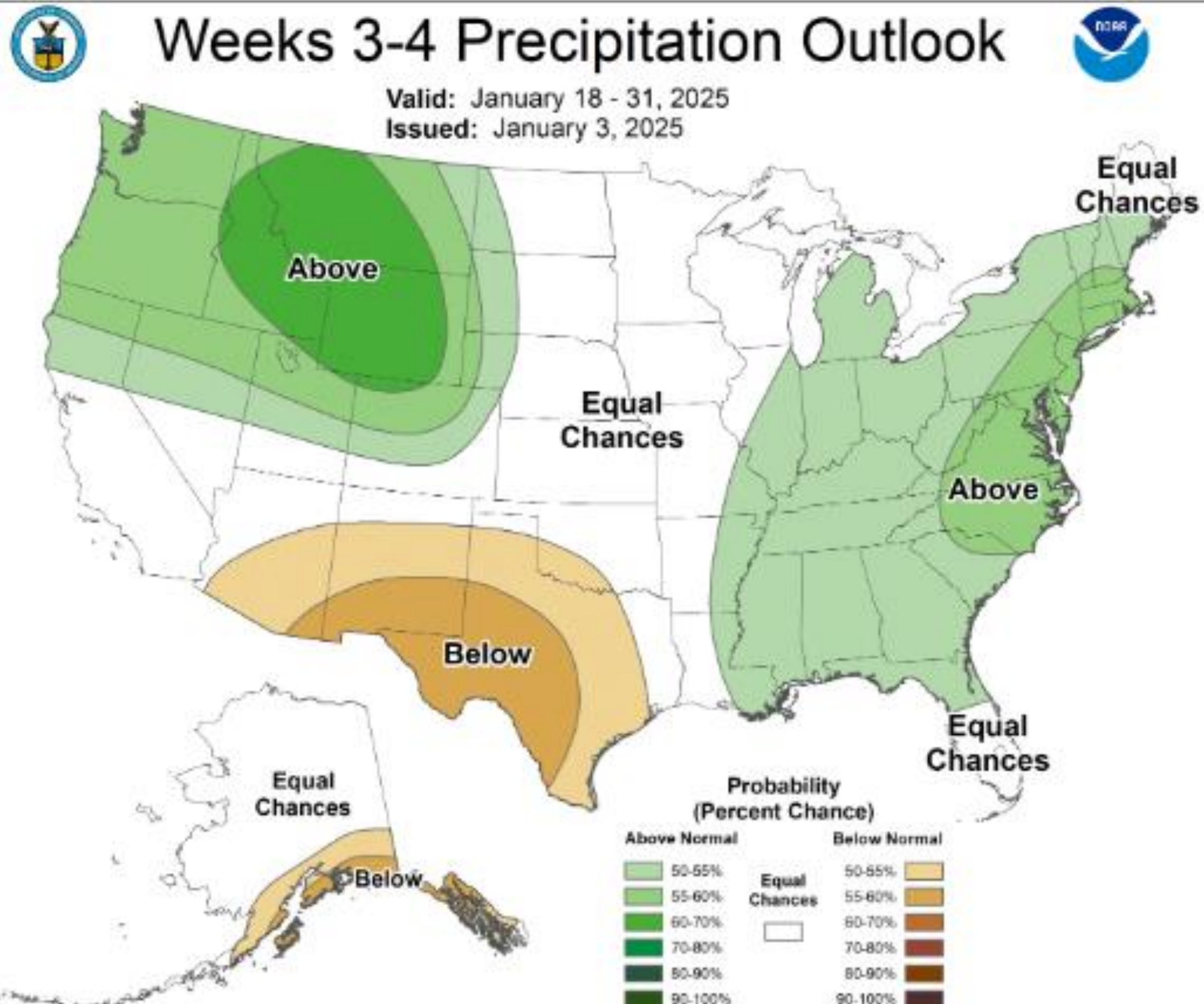
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Odds favor above below precipitation and below normal temperatures





Odds favor above normal precipitation with no clear signal for above/below normal temperatures



# Outlook for Feb, Mar, Apr

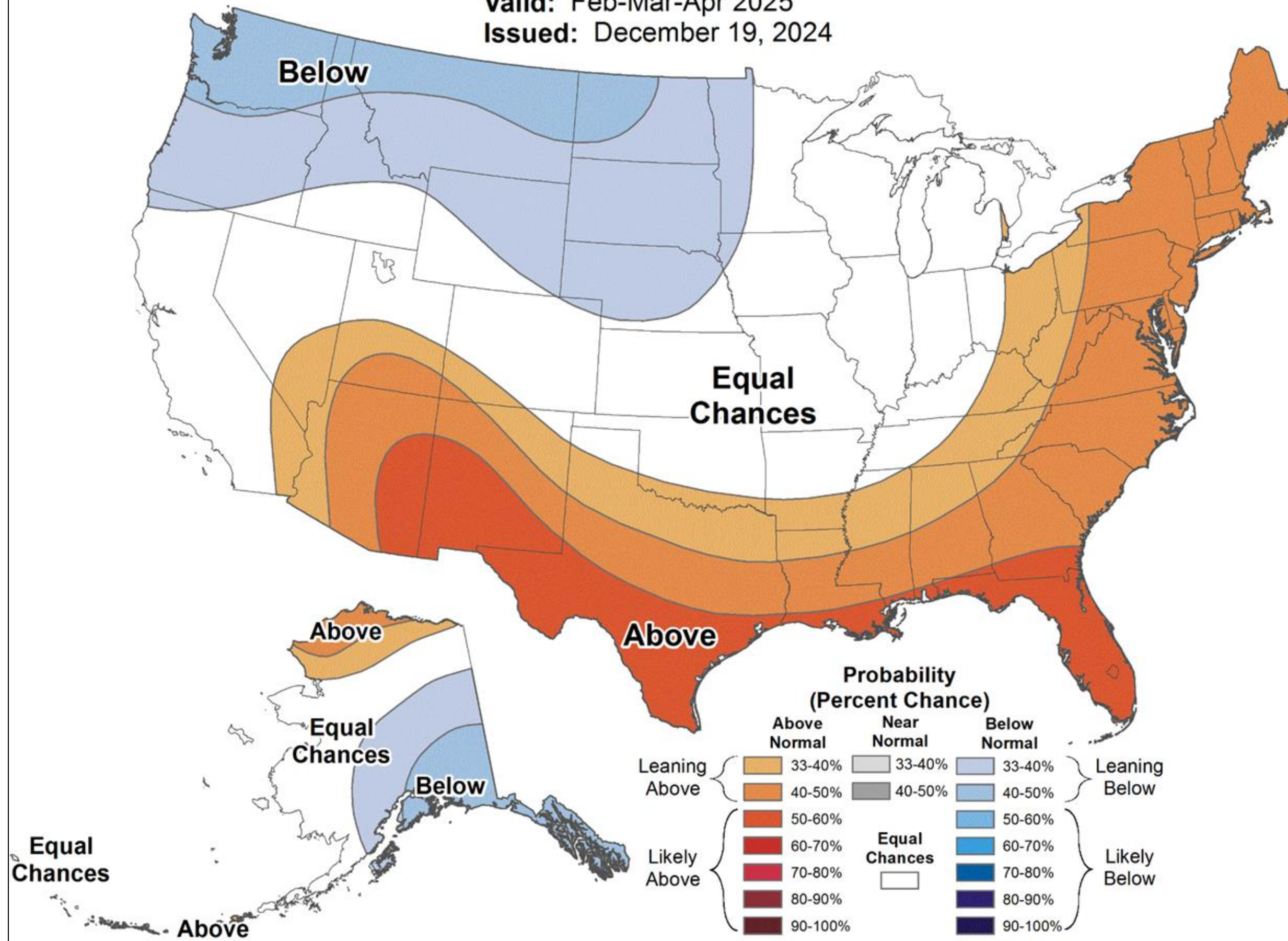


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Odds favor above normal temperatures with no clear signal for above/below normal precipitation

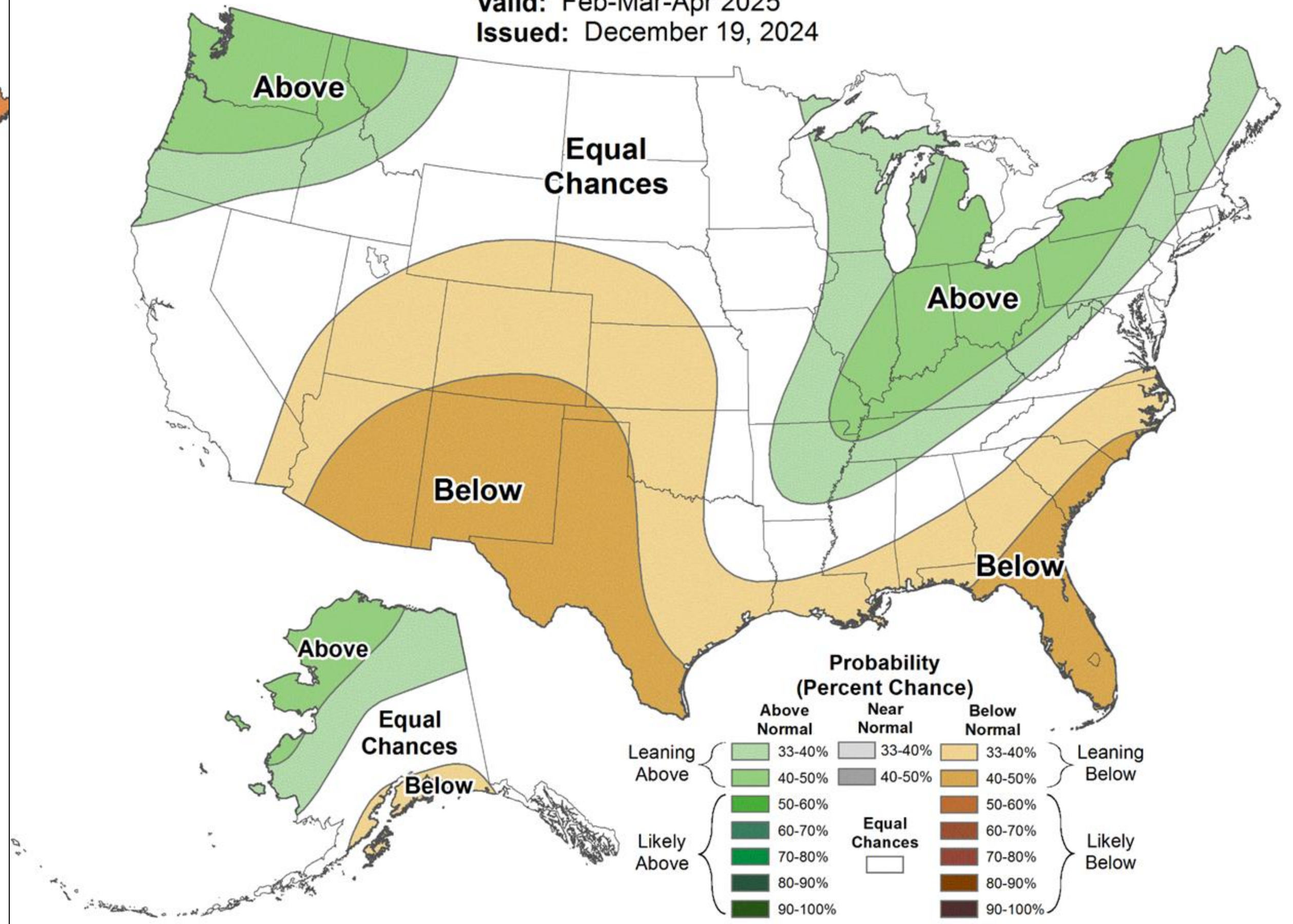
## Seasonal Temperature Outlook

Valid: Feb-Mar-Apr 2025  
Issued: December 19, 2024



## Seasonal Precipitation Outlook

Valid: Feb-Mar-Apr 2025  
Issued: December 19, 2024







## December: Near normal temperatures and precipitation

- Precipitation was within an inch of normal for most of the Commonwealth
  - Slightly above normal (1-2 inches) in part of southeast Massachusetts
- Temperatures were within a degree of normal

## Longer Range Precipitation Departures:

- 3-month and 6-month departures have shown some recovery with most areas 50-75% of normal and some areas closer to normal (75-100%)

## Outlook:

- Dry and cold this week.
- Potential for a coastal storm to bring up to 0.50" precipitation (snow) next weekend but uncertainty is high - it could very well pass offshore and maintain dry/cold weather in MA
- Odds favor below average temperatures and precipitation through the middle of the month
- Possible trend toward a wetter pattern for late January but no clear signal for above or below normal temperatures