



# MA Drought Management Task Force NWS Update

Wednesday, July 10<sup>th</sup> 2024

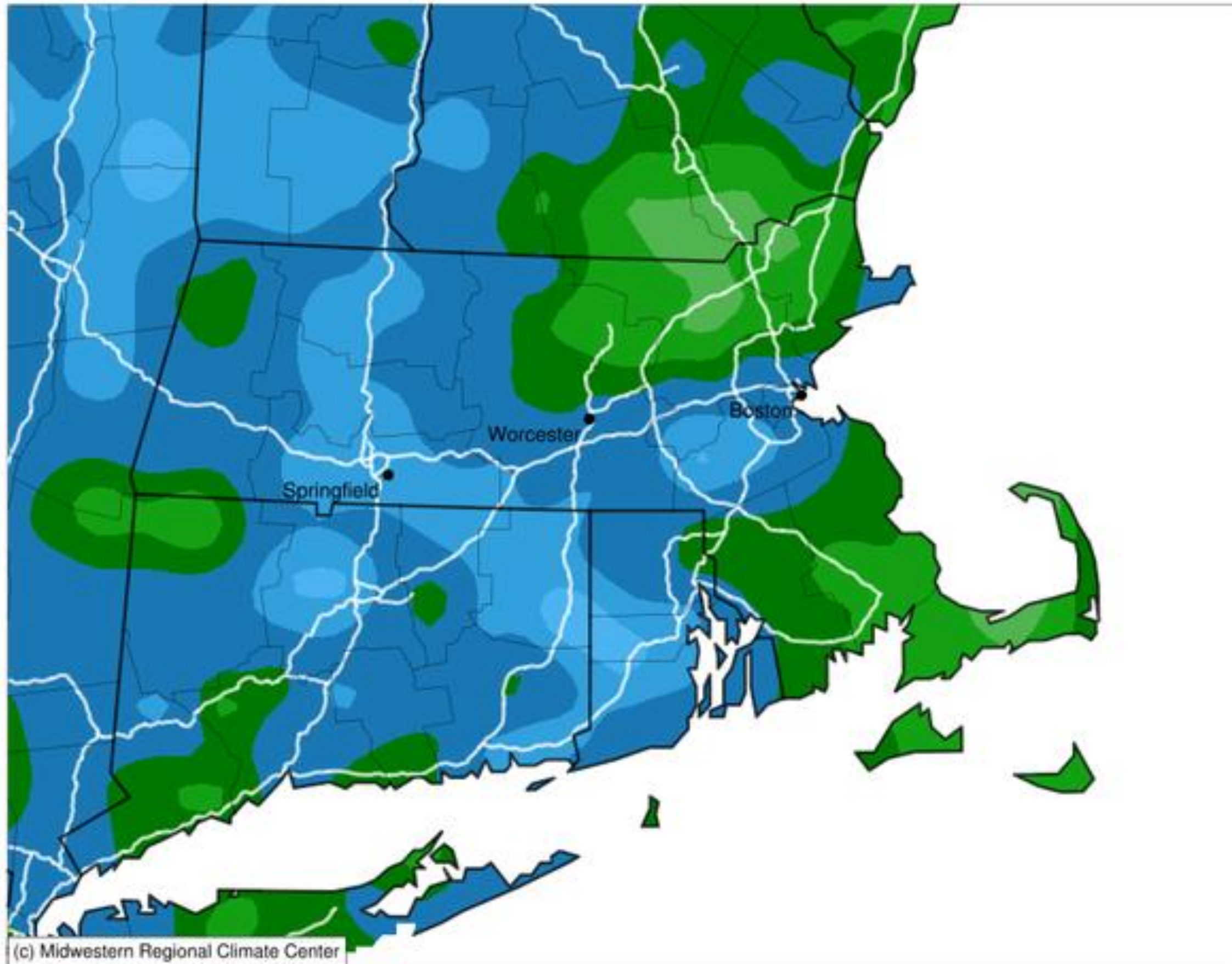
*Prepared by: NWS Boston/Norton, MA*

# June Precipitation

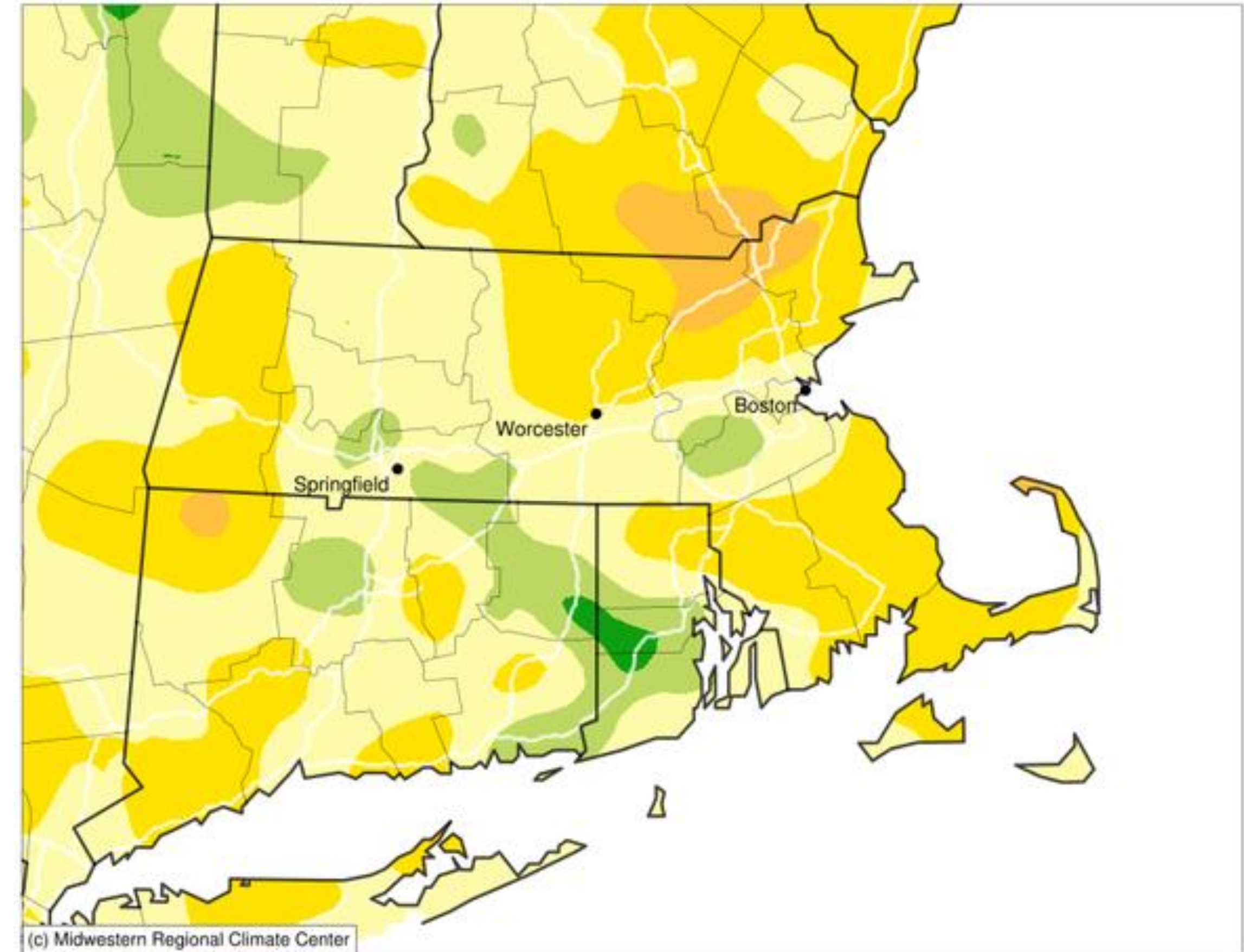


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**Accumulated Precipitation (in)**  
June 01, 2024 to June 30, 2024



**Accumulated Precipitation (in): Percent of 1991-2020 Normals**  
June 01, 2024 to June 30, 2024



# 3 and 6 Month Percent of Normal

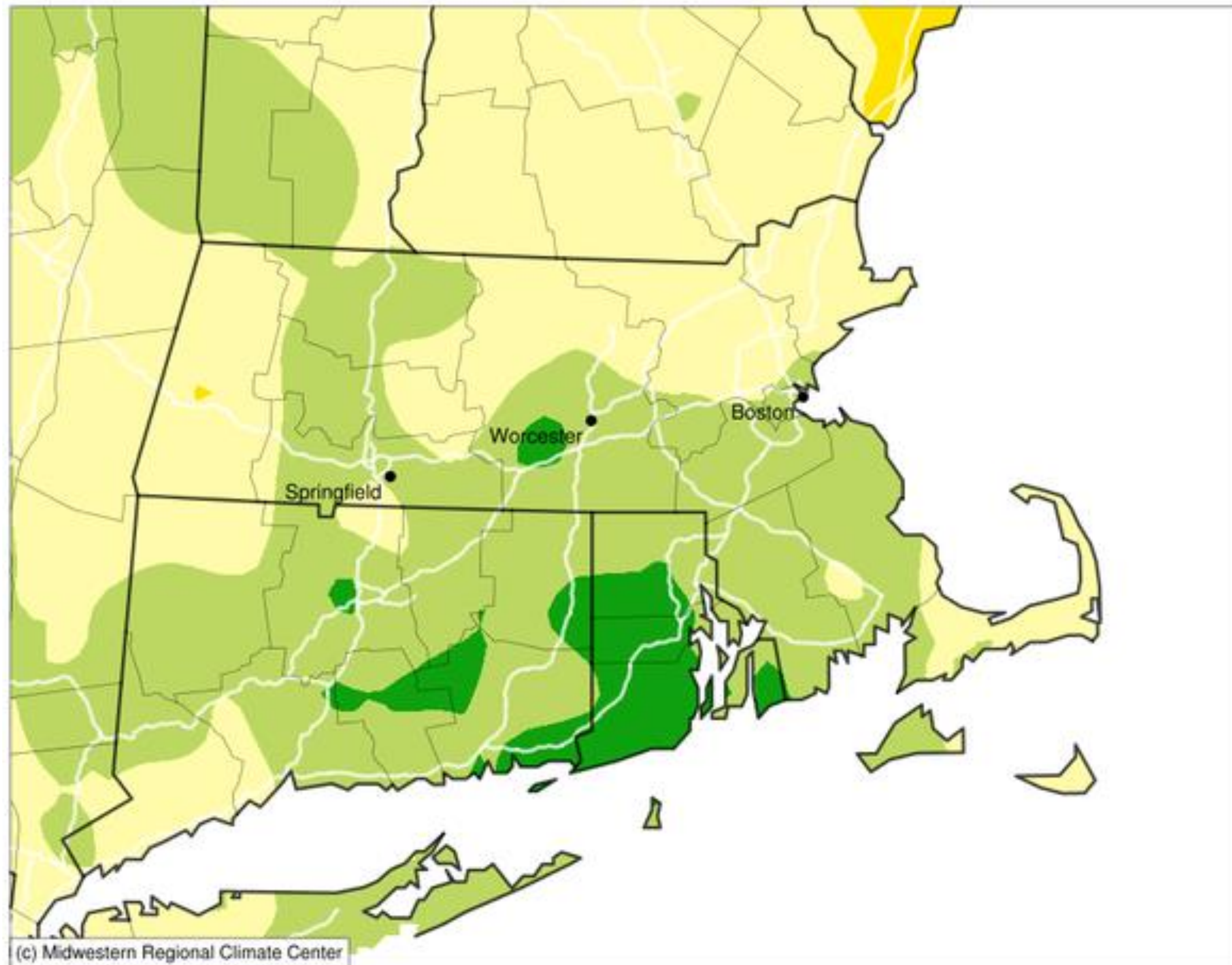


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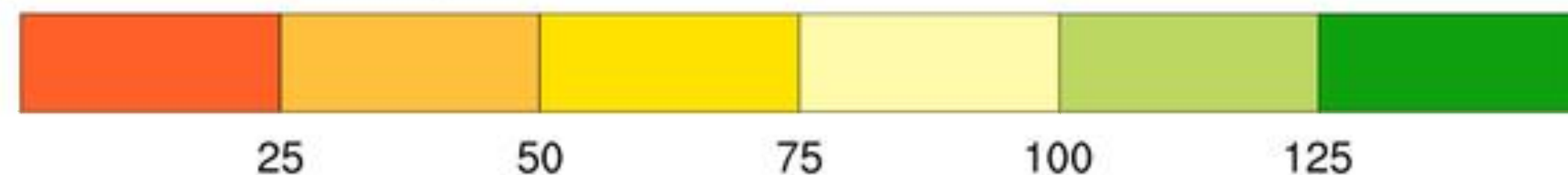
## Last 3 Months

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

April 01, 2024 to June 30, 2024



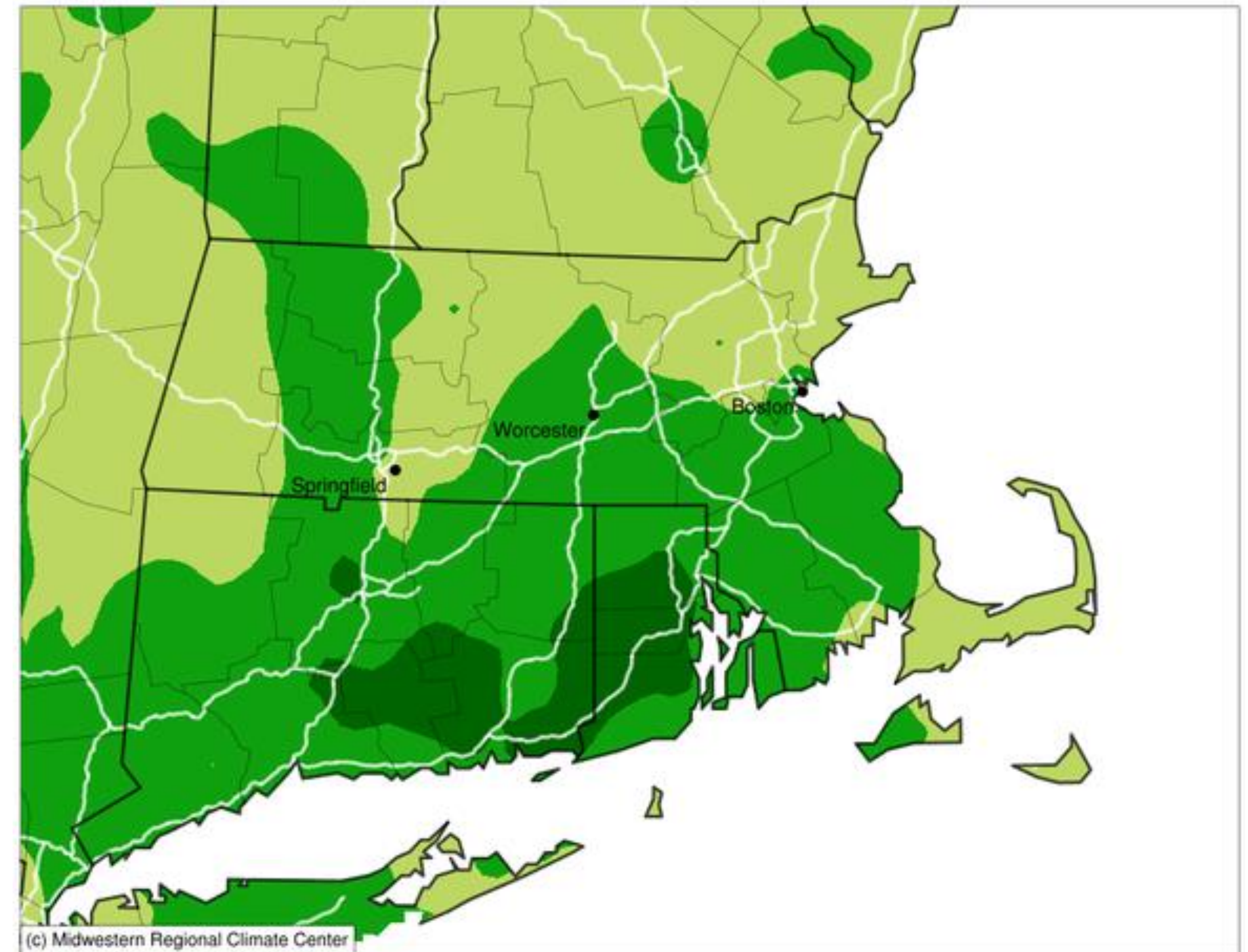
(c) Midwestern Regional Climate Center



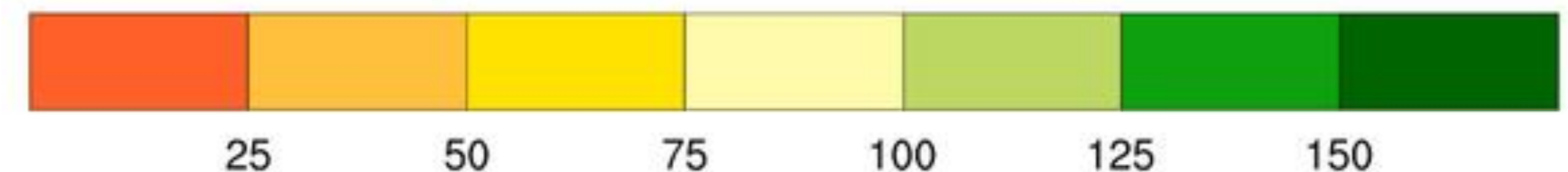
## Last 6 Months

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

January 01, 2024 to June 30, 2024



(c) Midwestern Regional Climate Center

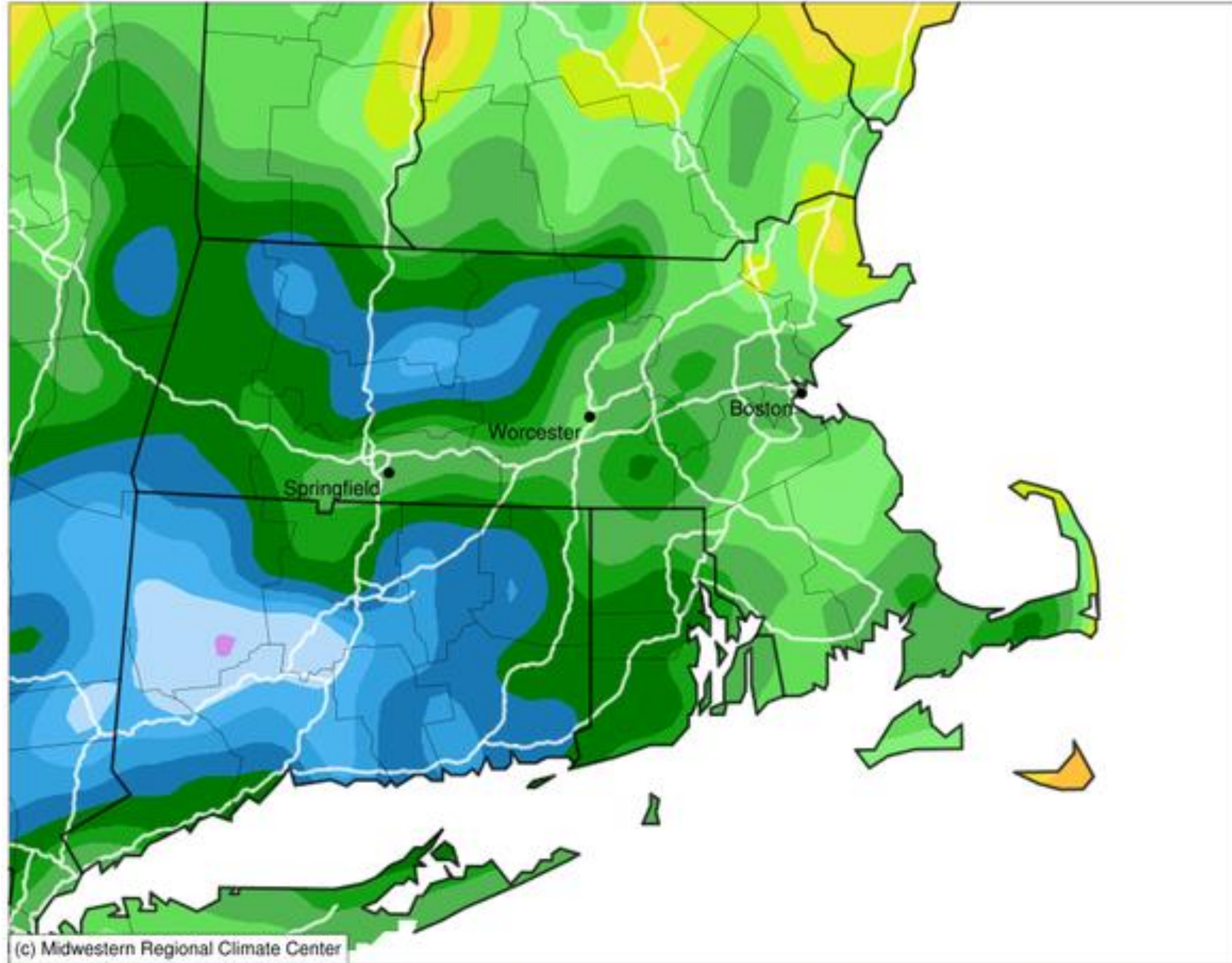


# July Precipitation So Far (July 7)

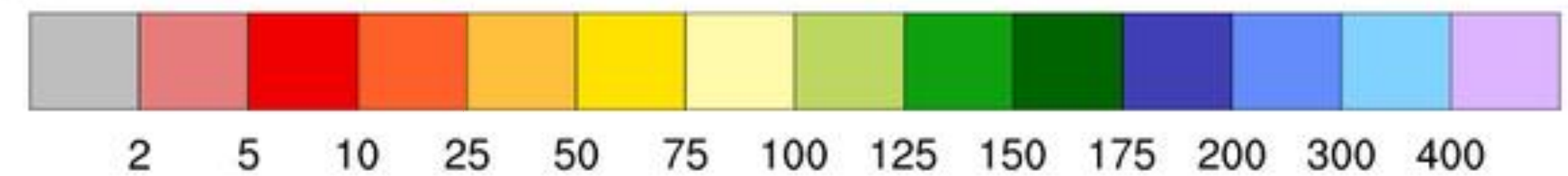
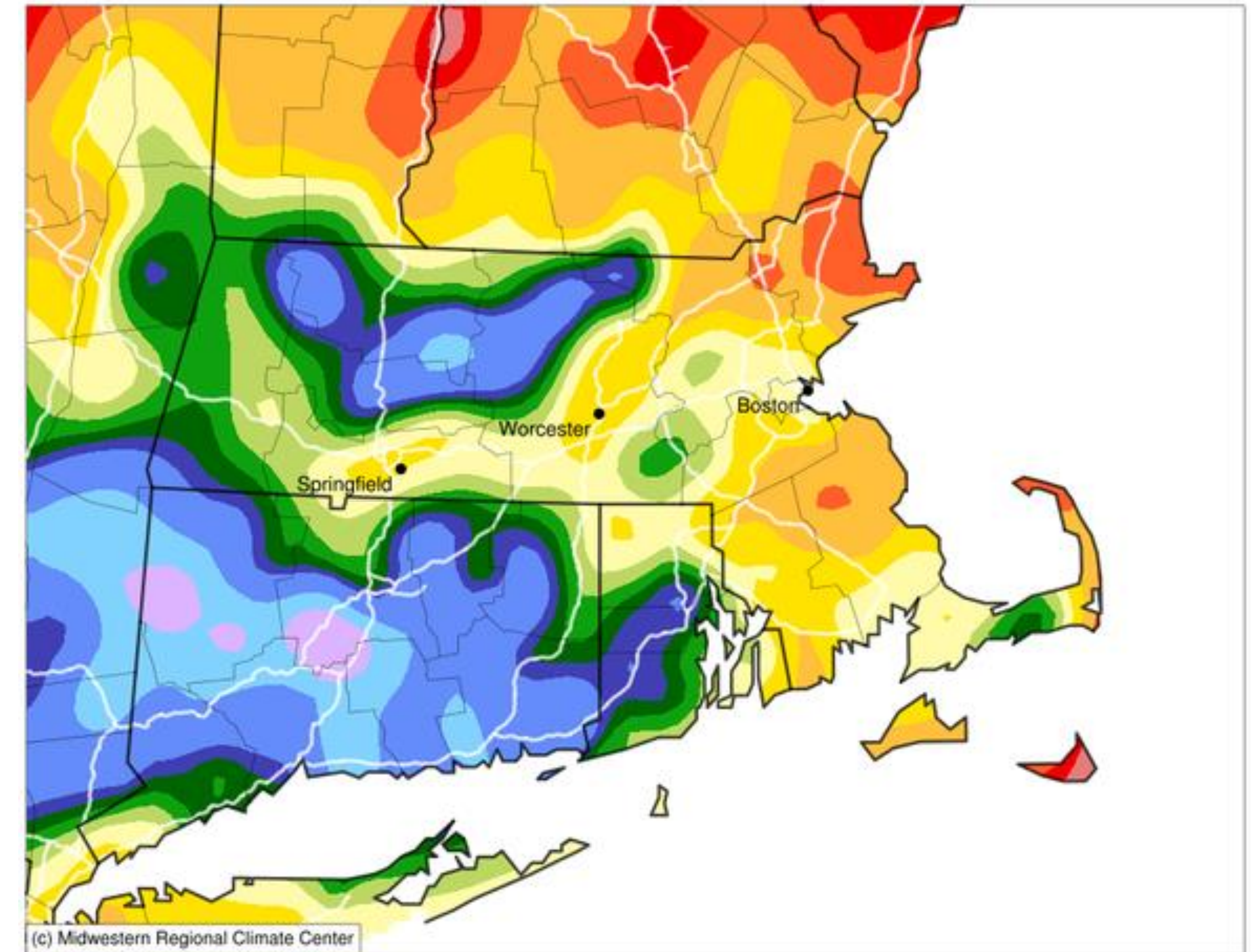


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Accumulated Precipitation (in)  
July 01, 2024 to July 07, 2024



Accumulated Precipitation (in): Percent of 1991-2020 Normals  
July 01, 2024 to July 07, 2024

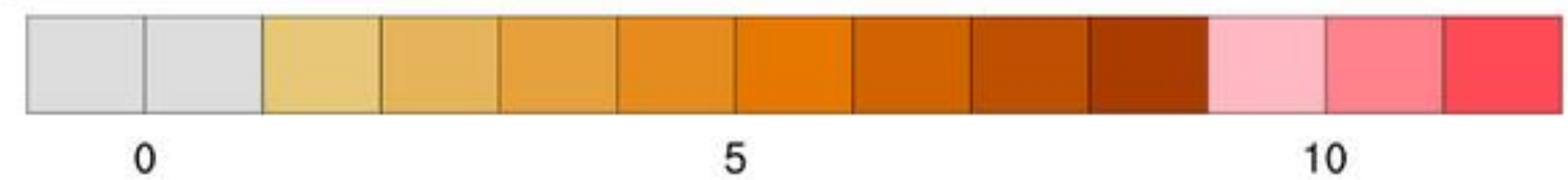
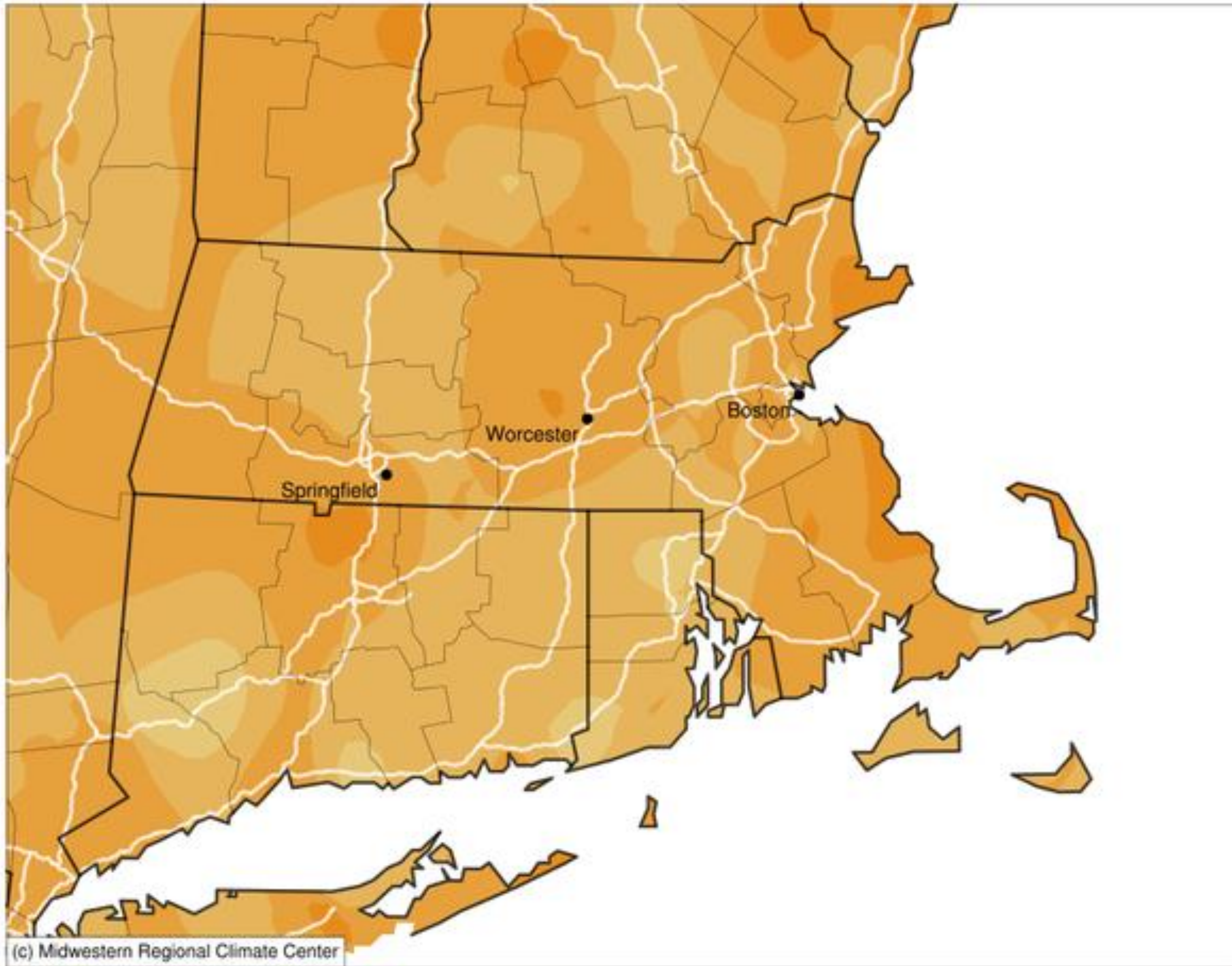


# Temperature Departures

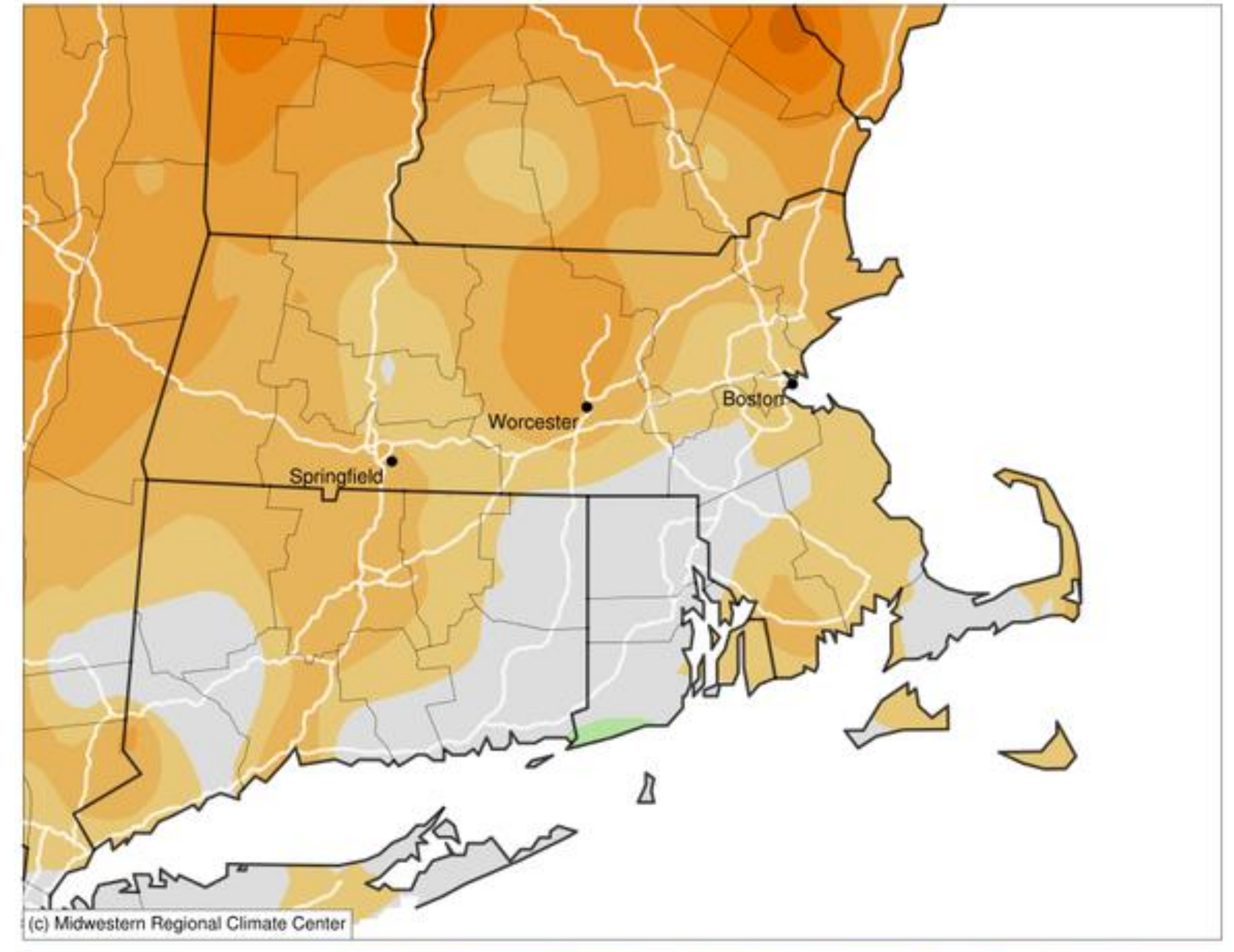


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**Average Temperature (°F): Departure from 1991-2020 Normals**  
June 01, 2024 to June 30, 2024



**Average Temperature (°F): Departure from 1991-2020 Normals**  
July 01, 2024 to July 07, 2024



# 7 Day Precipitation Forecast



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## Highlights:

- Risk of thunderstorms today, mainly in northwest MA, but rainfall will be localized
- Heaviest rain from remnants of Beryl will bring heaviest rainfall to northern New England
- Most of this rain falls Friday night into Saturday morning

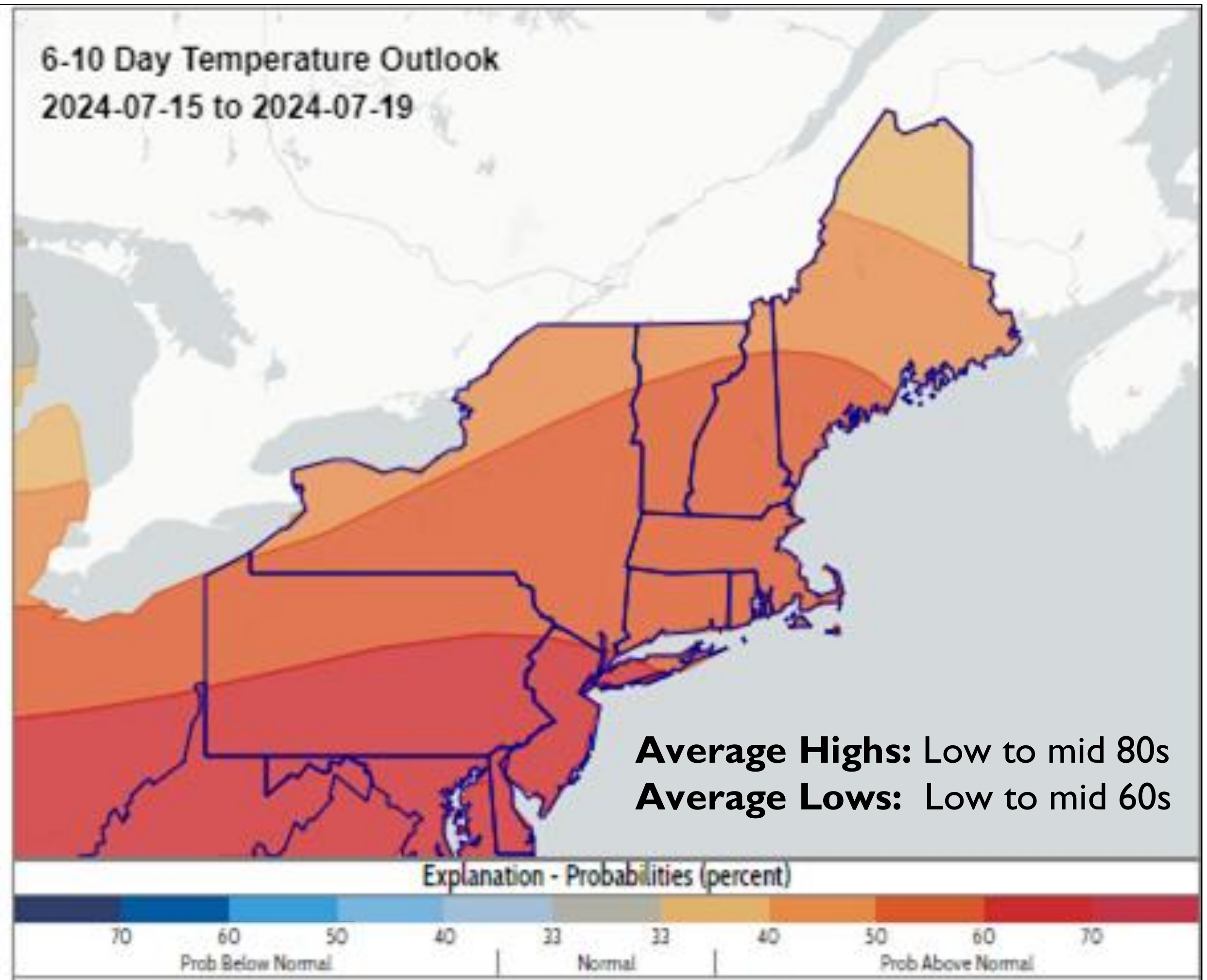
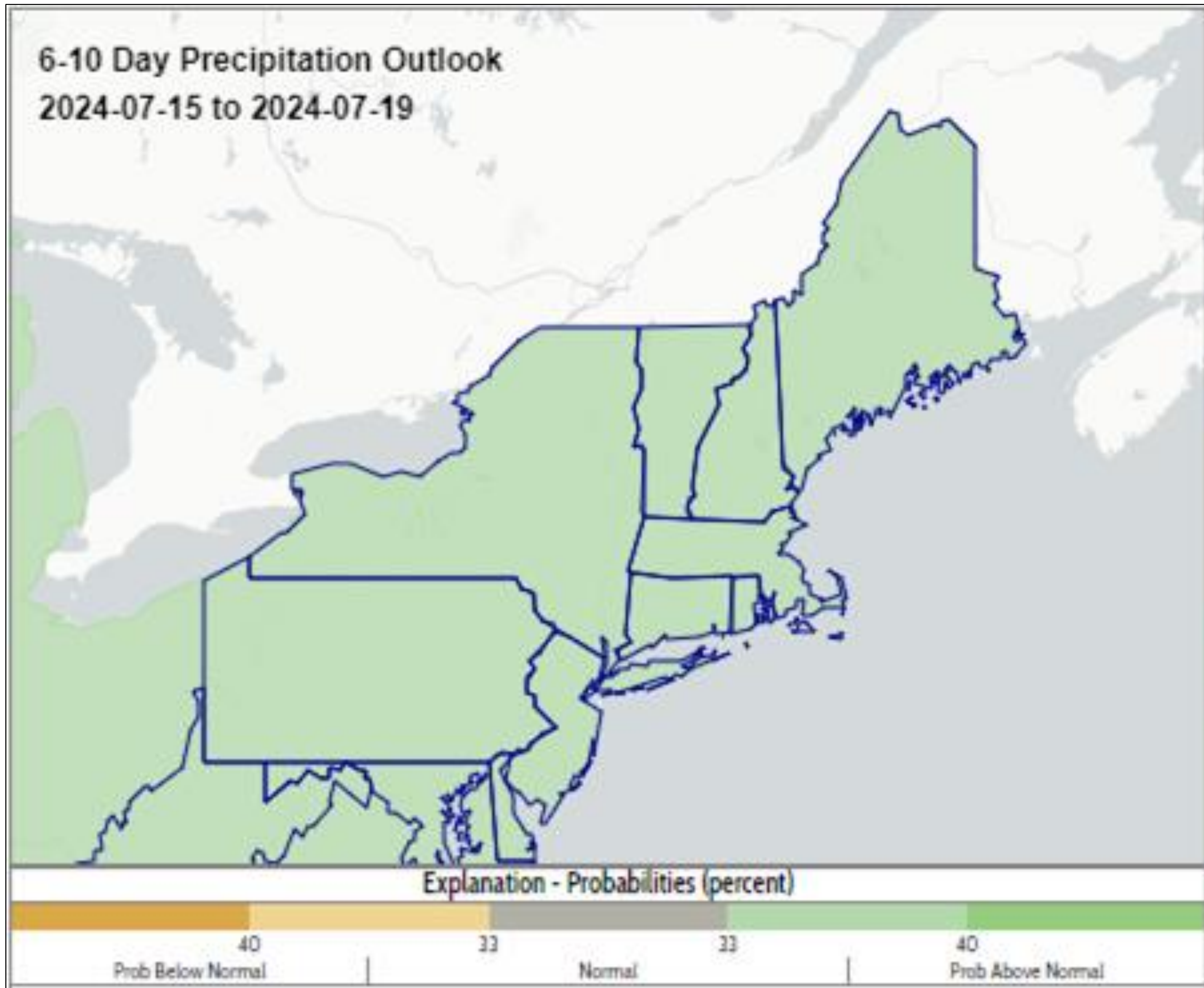
# Outlook: Sat July 13 - Wed July 17



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**Odds somewhat favor above average rainfall**

**Higher chance of above average temperatures**



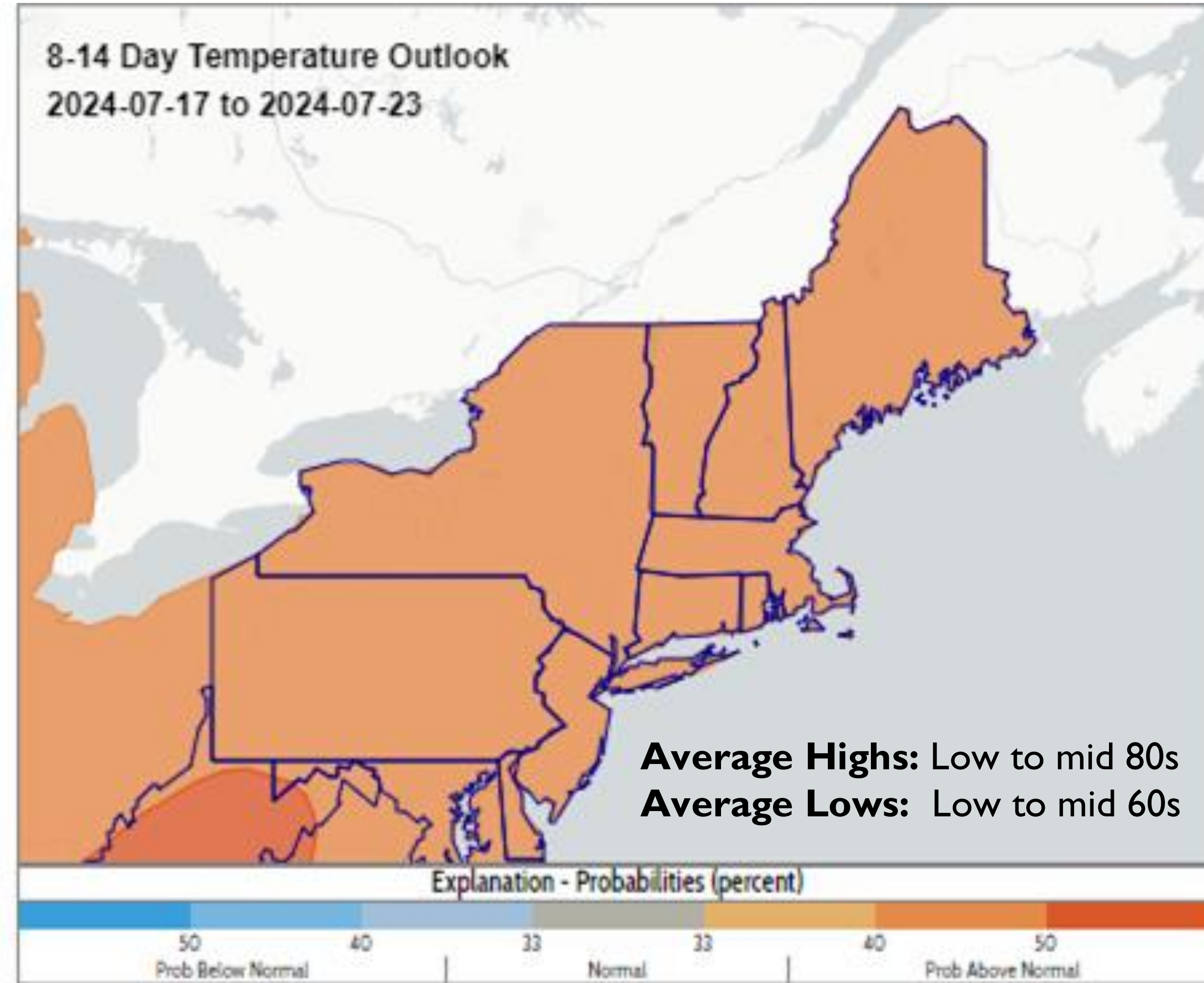
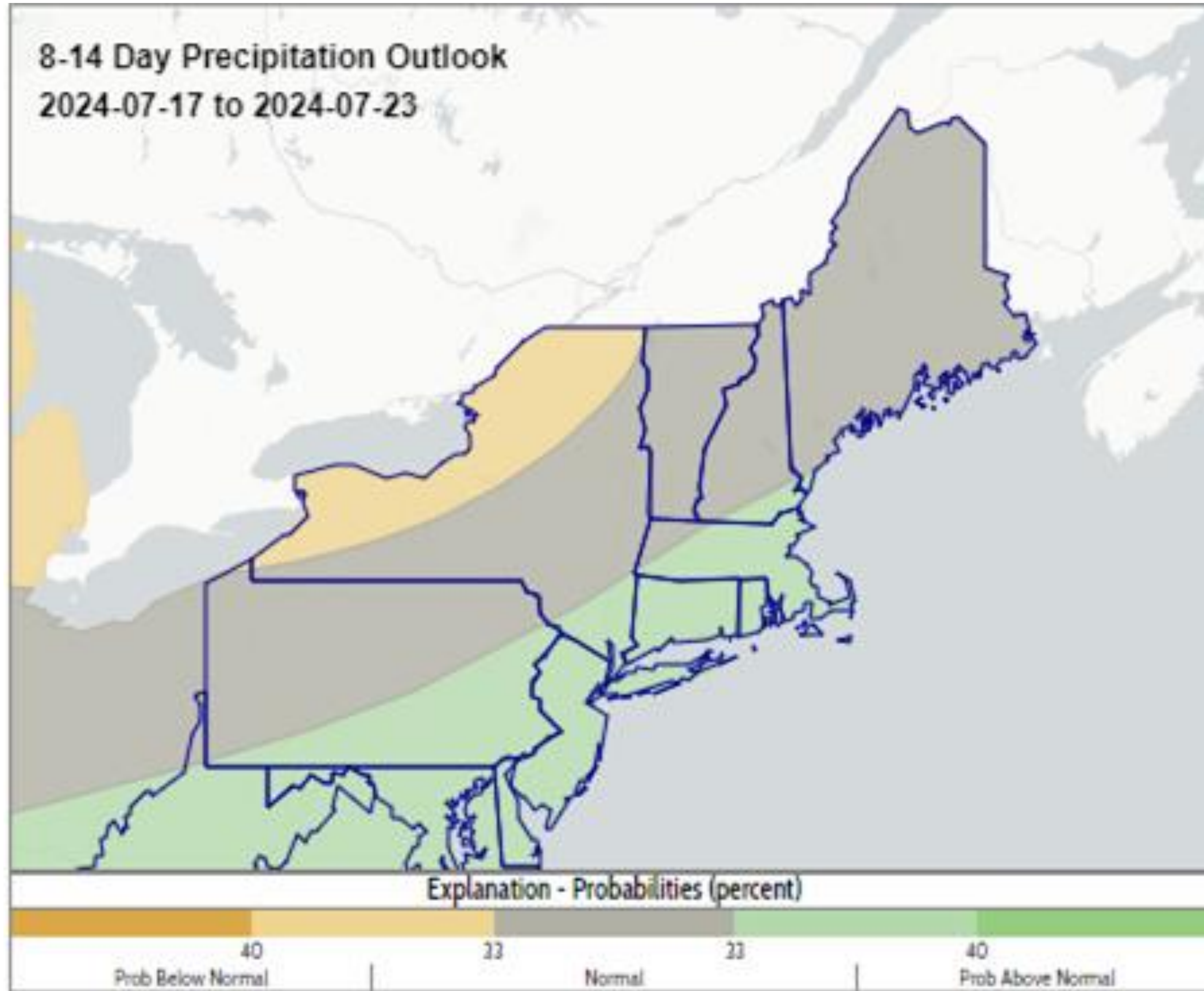
# Outlook: Mon July 15 - Sun July 21



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## Odds somewhat favor above average rainfall

## Higher chance of above average temperatures





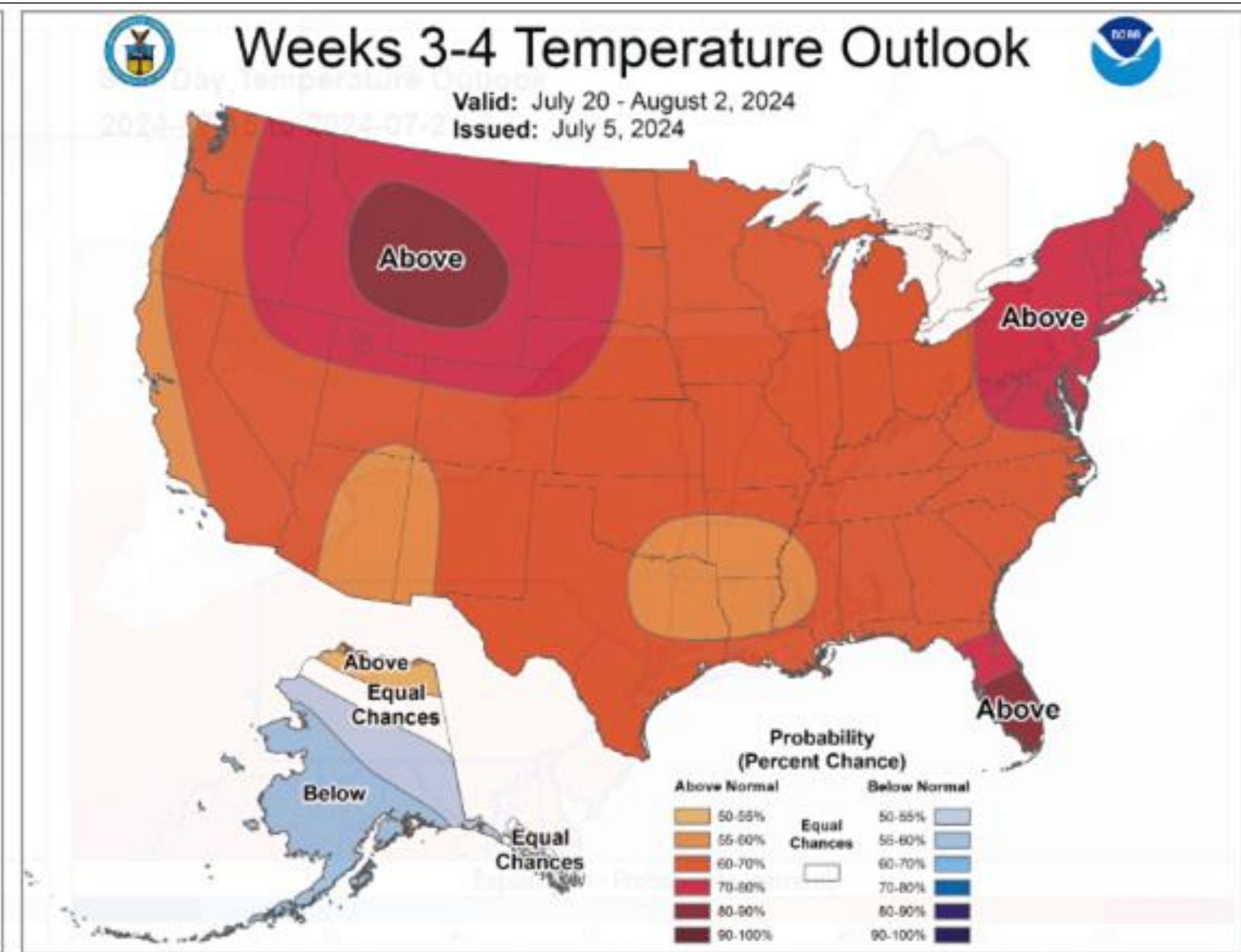
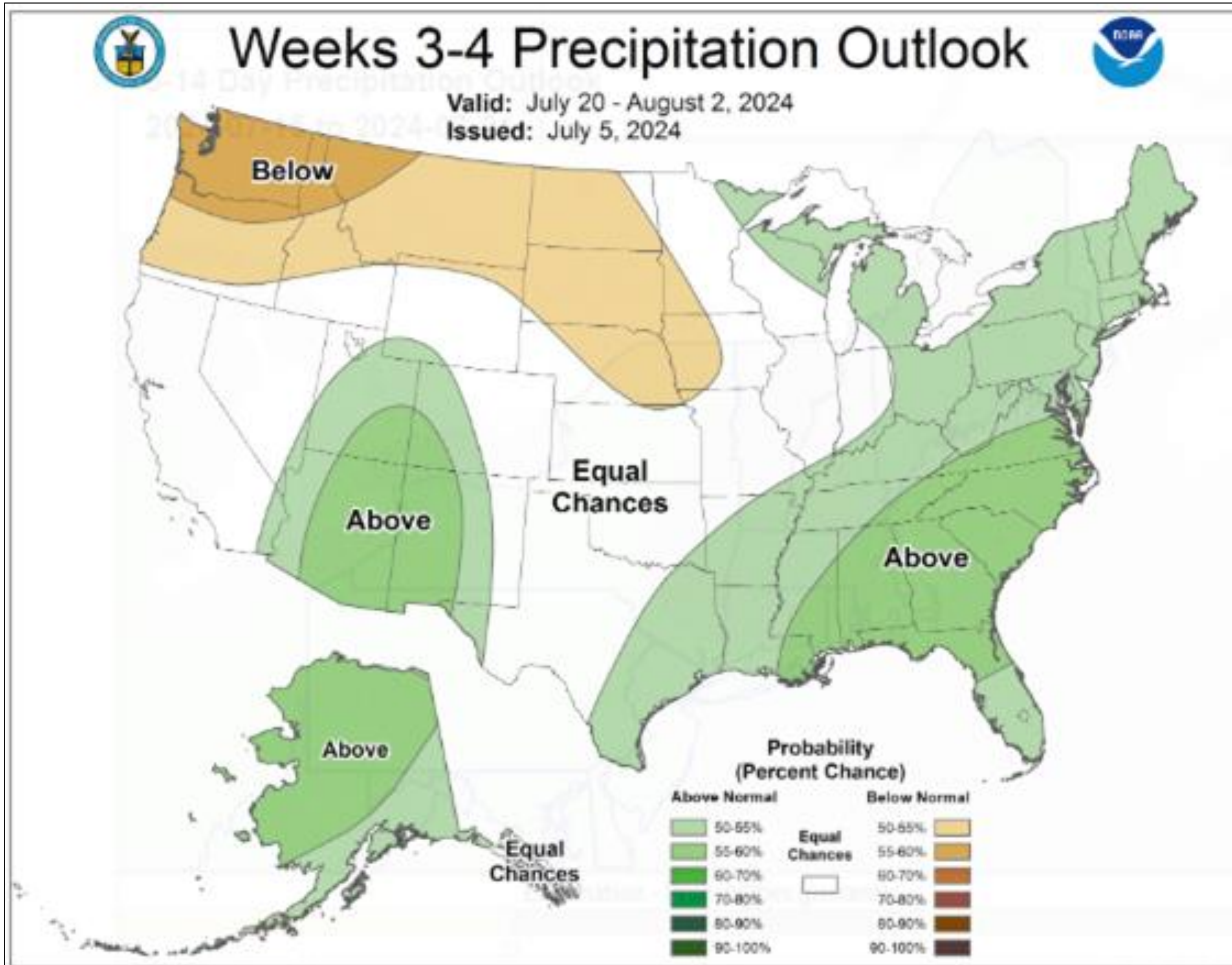
# Outlook: Sat July 20 - Wed Aug 7



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**Odds slightly favor above average precipitation**

**Higher chance of above average temperatures**



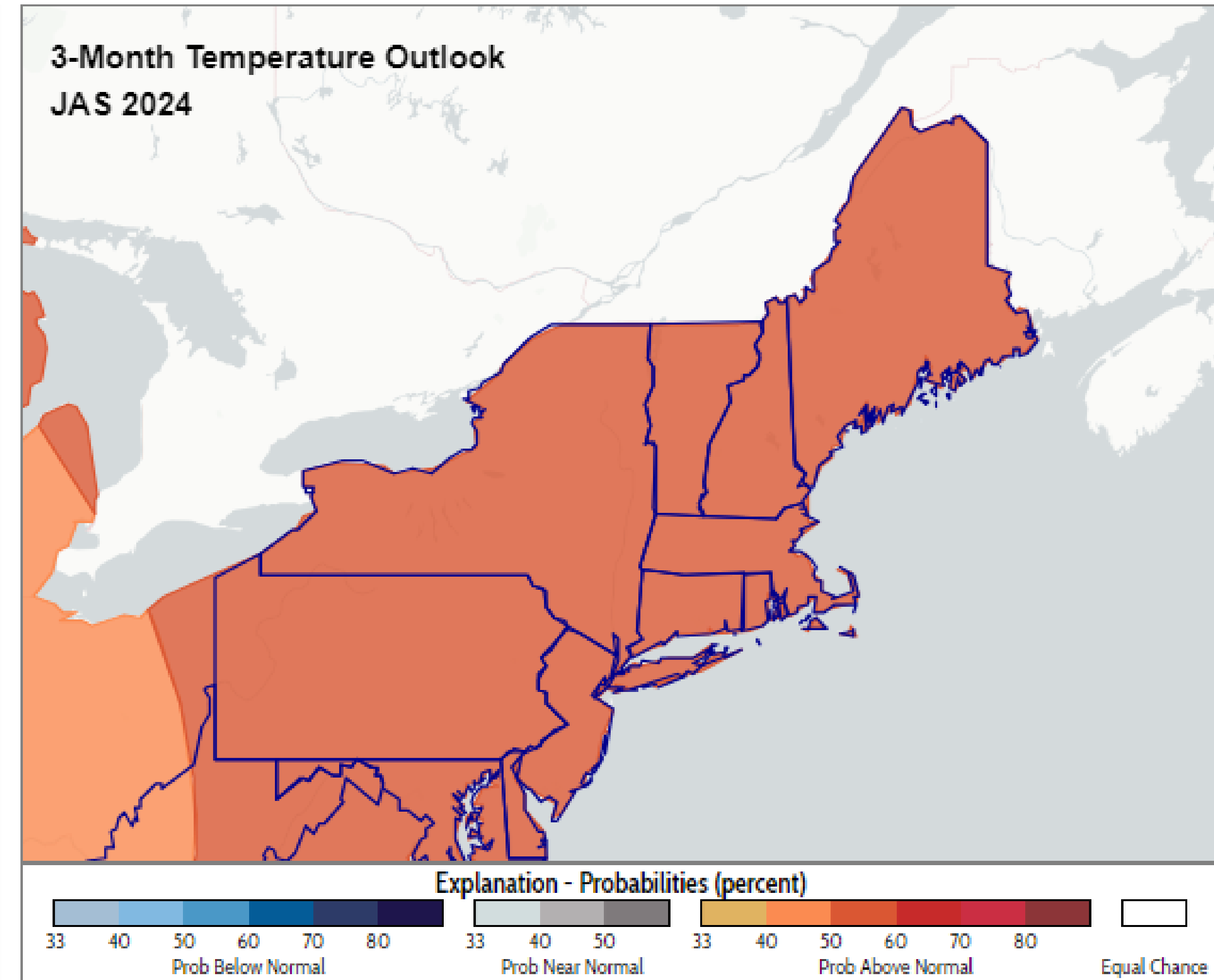
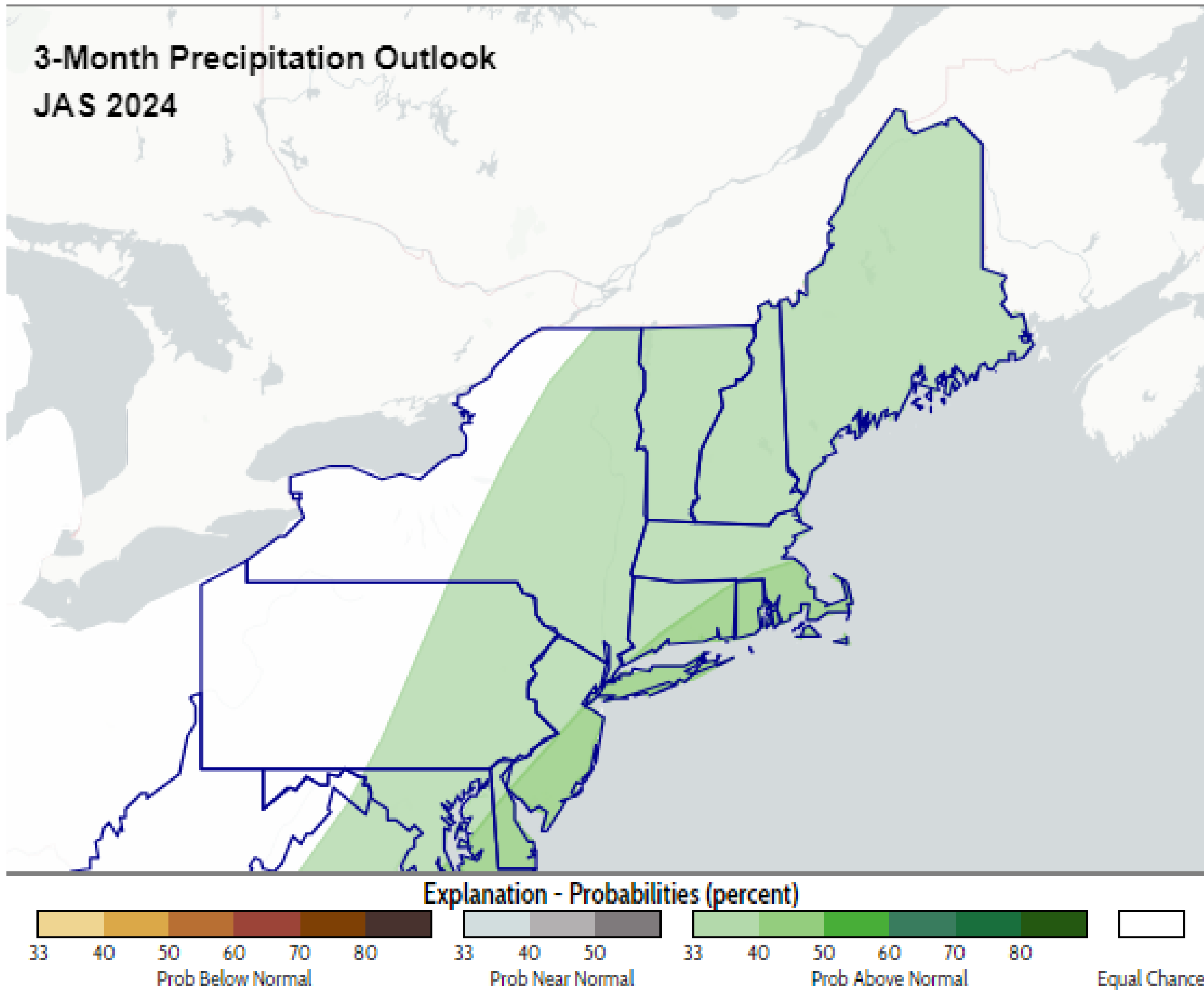
# Outlook for July, August, and September



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## Odds leaning toward above average precipitation

## Higher chance of above average temperatures





- Rainfall in June was below average (50-75%)
  - Also in northeast and southeast MA
- Three-month departures are beginning to show a decline (as low as 75%) but six-month departures are still within the normal range
- For the first week of July, rainfall has been closer to normal (or even above normal)
  - Note that departures were well below normal in much of eastern MA.
- Temperatures have been above normal since June and that trend is expected to continue through the summer.
- Expectation is for above normal rainfall through July, August, and September but odds are not overly high
  - Do the tropics become active later this summer?