



MA Drought Management Task Force NWS Update

Wednesday February 7th 2024

Prepared by: NWS WFO Boston/Norton, MA

January Rainfall & Departures

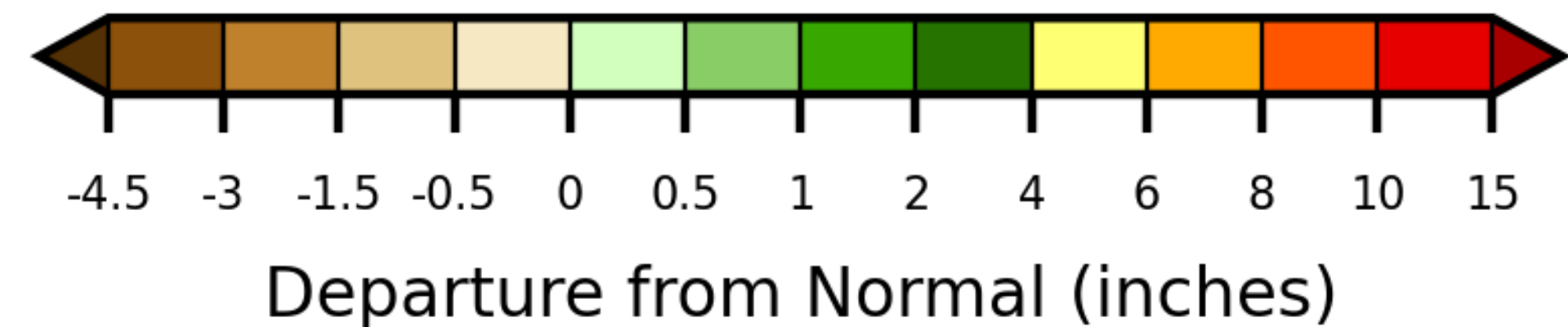
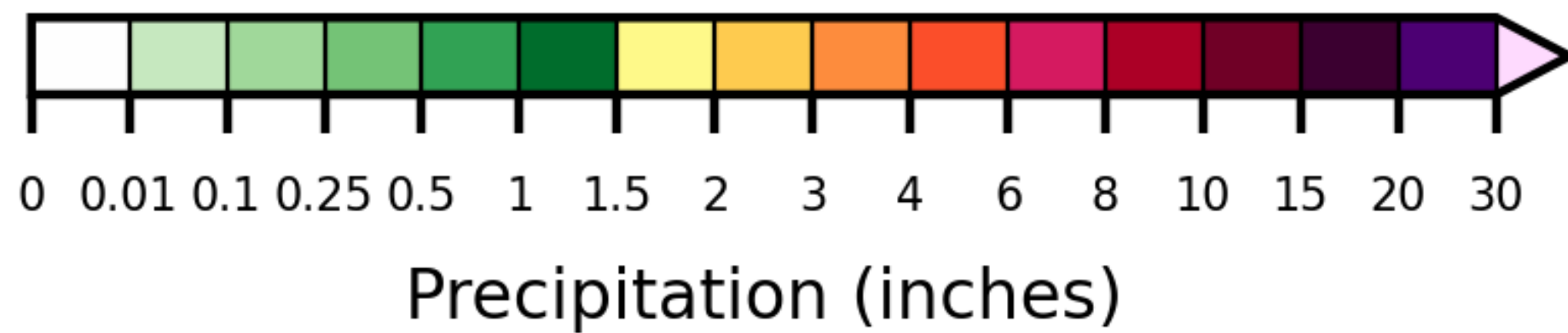
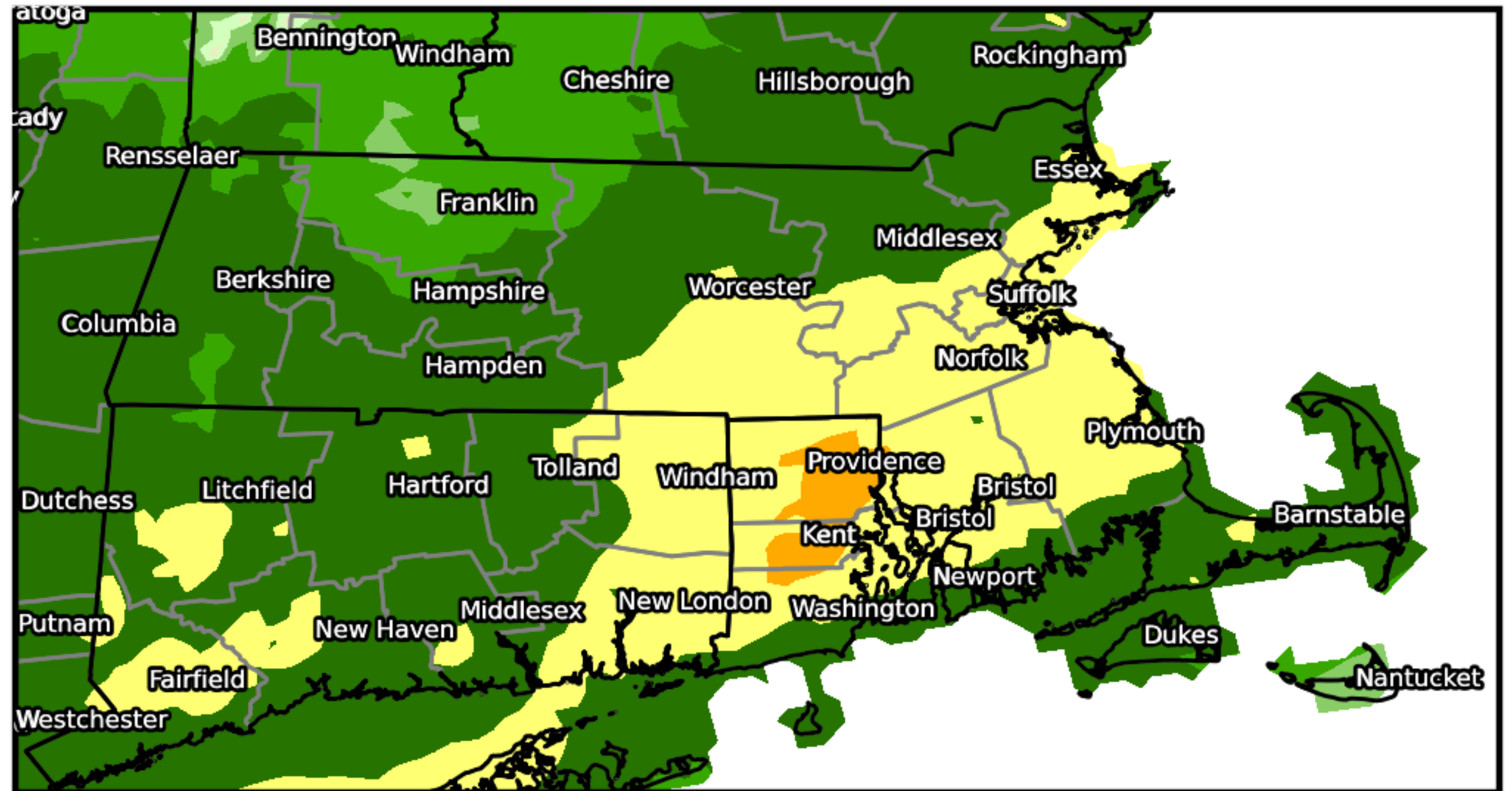
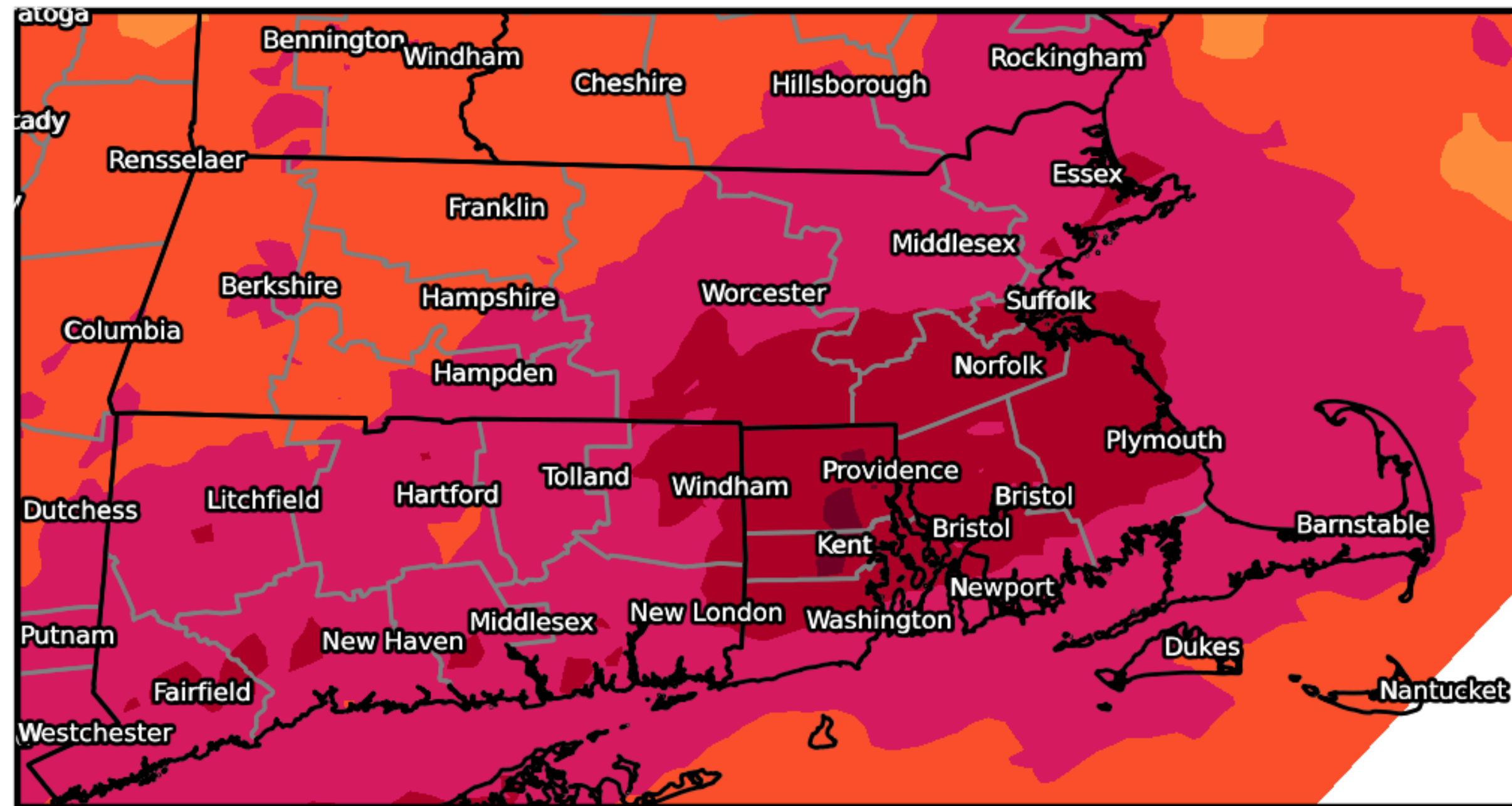
Departures ranged from 1 to 4 inches above normal for The Islands



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Accumulated Precipitation (inches) January 01, 2024 to January 31, 2024

Precipitation Departure from Normal (inches) January 01, 2024 to January 31, 2024



3 and 6 Month Percent of Normal

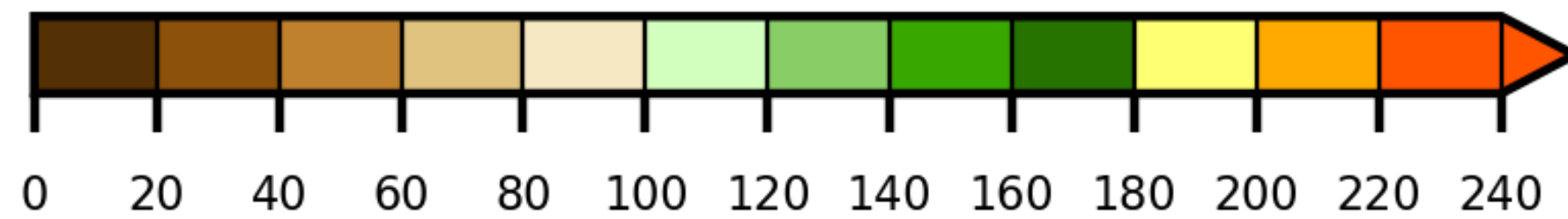
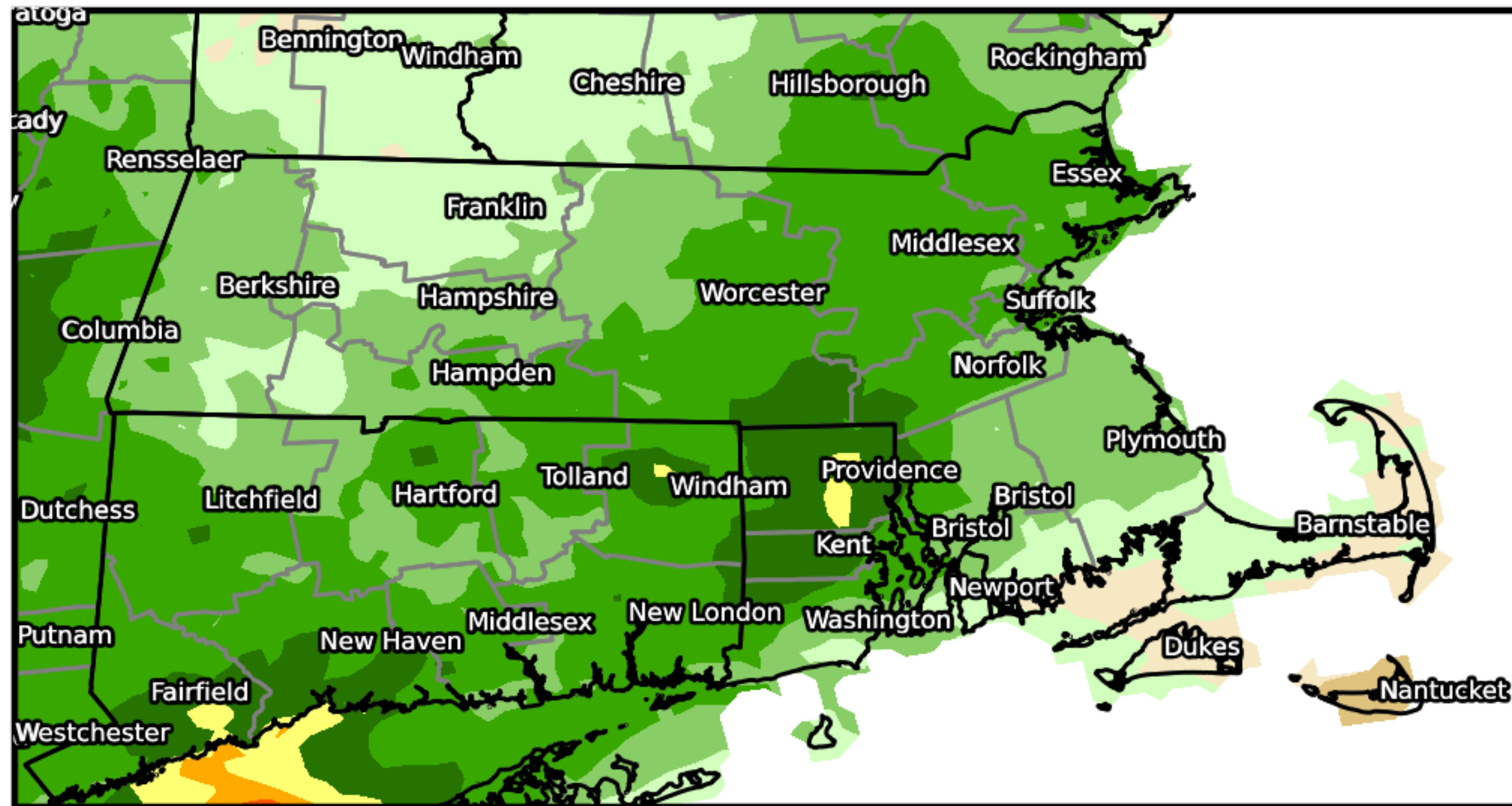


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Last 3 Months

- Islands/Outer Cape 60 to 100% of normal

Precipitation Percent of Normal
November 01, 2023 to January 31, 2024

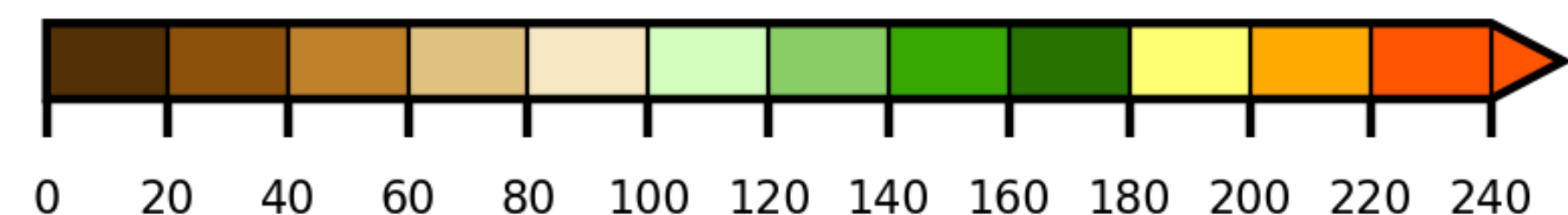
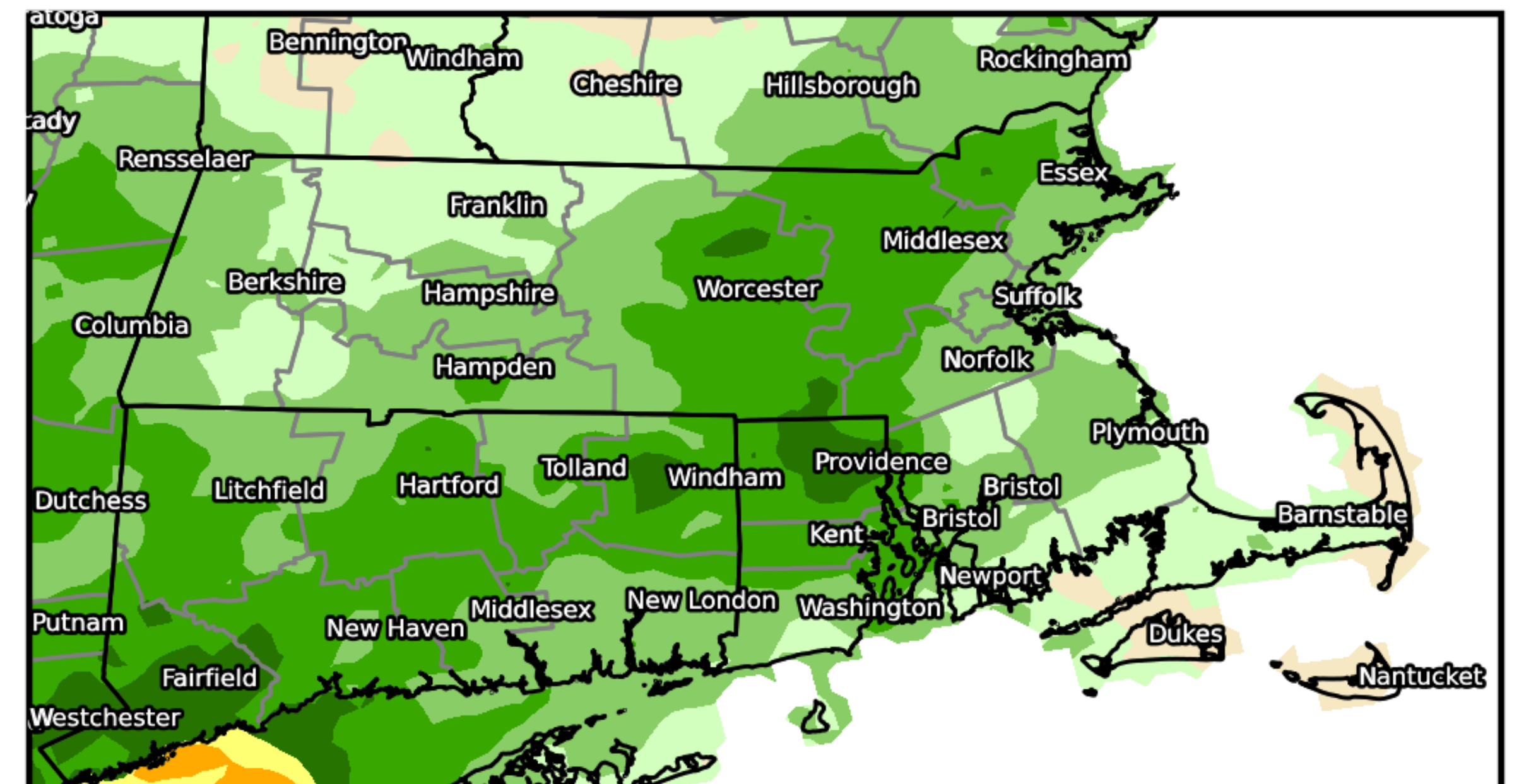


Percent of Normal

Last 6 Months

- Islands/Outer Cape 80 to 100 % of normal

Precipitation Percent of Normal
August 01, 2023 to January 31, 2024



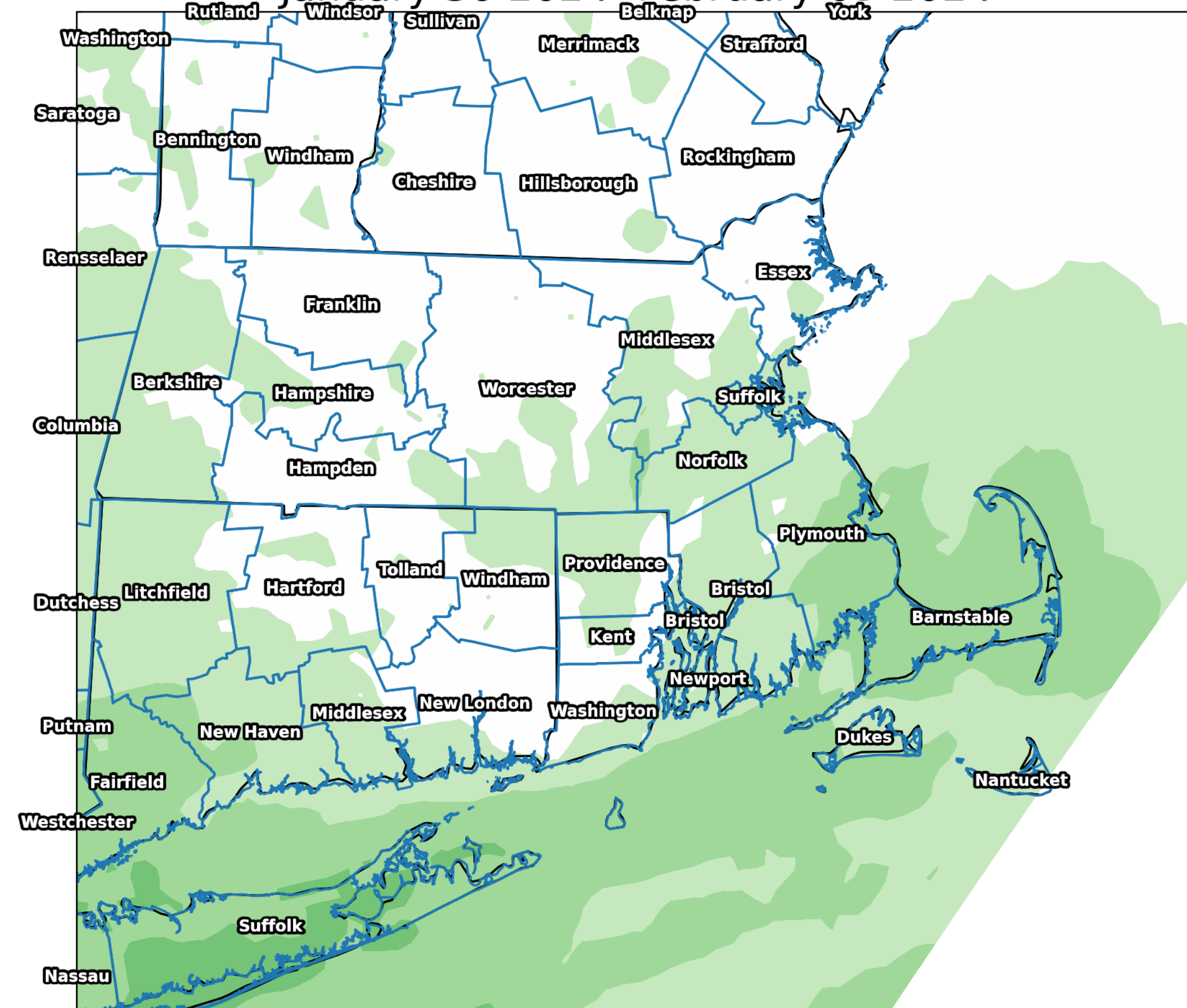
Percent of Normal

Observed Rainfall last 7 Days

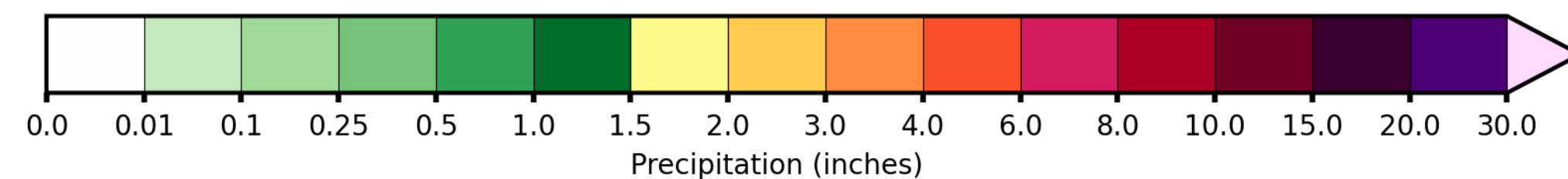


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NWS Stage IV Precipitation Accumulated
January 30 2024 - February 05 2024



- 0.01 to 0.1 inches over The Cape/Islands



Nantucket Precip Last 3 Months



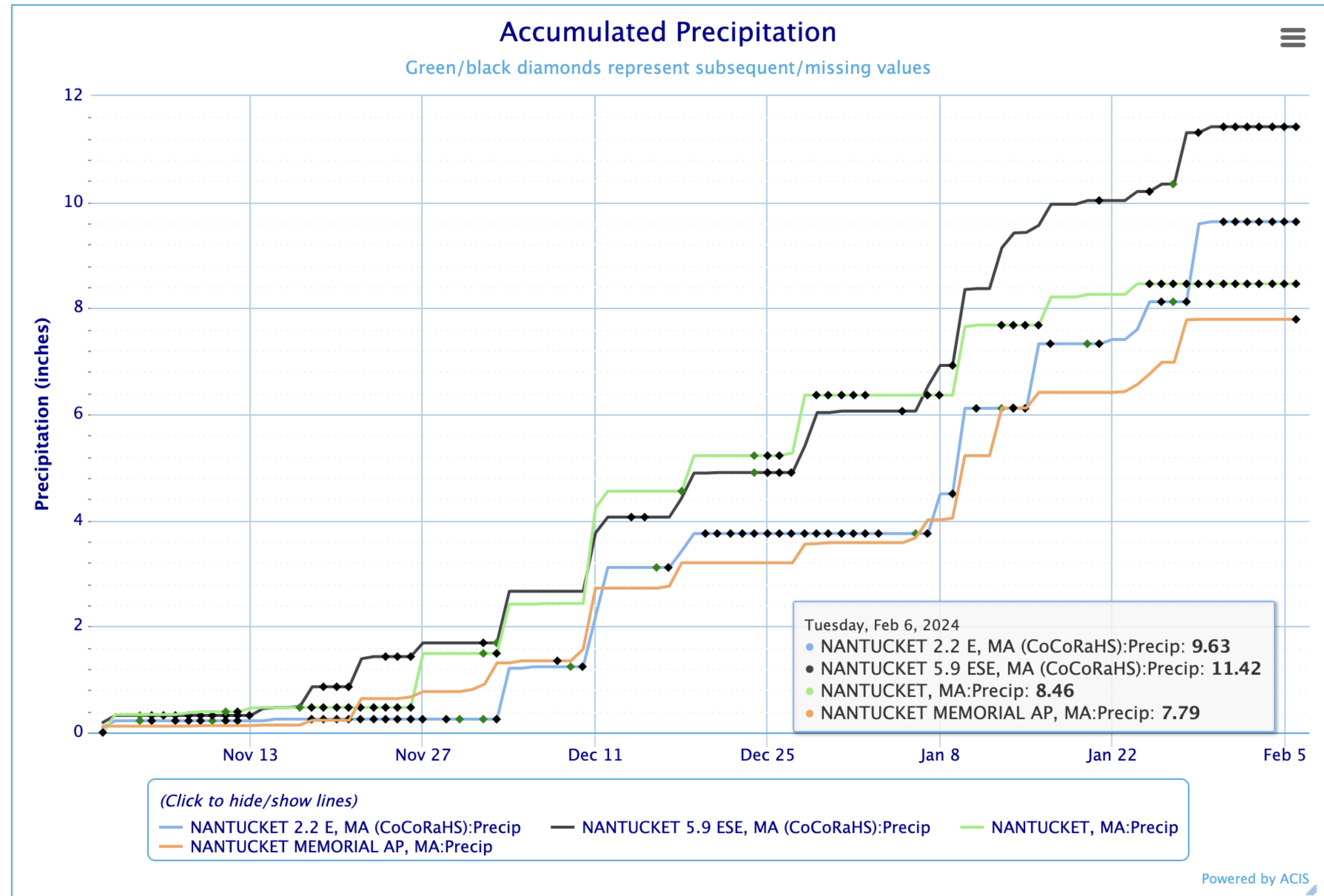
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Valid November 1st 2023 – February 6th 2025

Normal Precipitation During This Time Frame 11.38 inches

- CoCoRaHS (2.2 E, MA) – **9.63**
- CoCoRaHS (5.9 ESE, MA) – **11.42**
- Nantucket COOP – **8.46**” (Missing Data after 01/24)
- Nantucket ASOS – **7.79**”

3 Month Departure Likely Closer to 1.5 to 2 inches below normal



7 Day Precipitation Forecast

Valid 02/06 7AM– 02/13 7AM

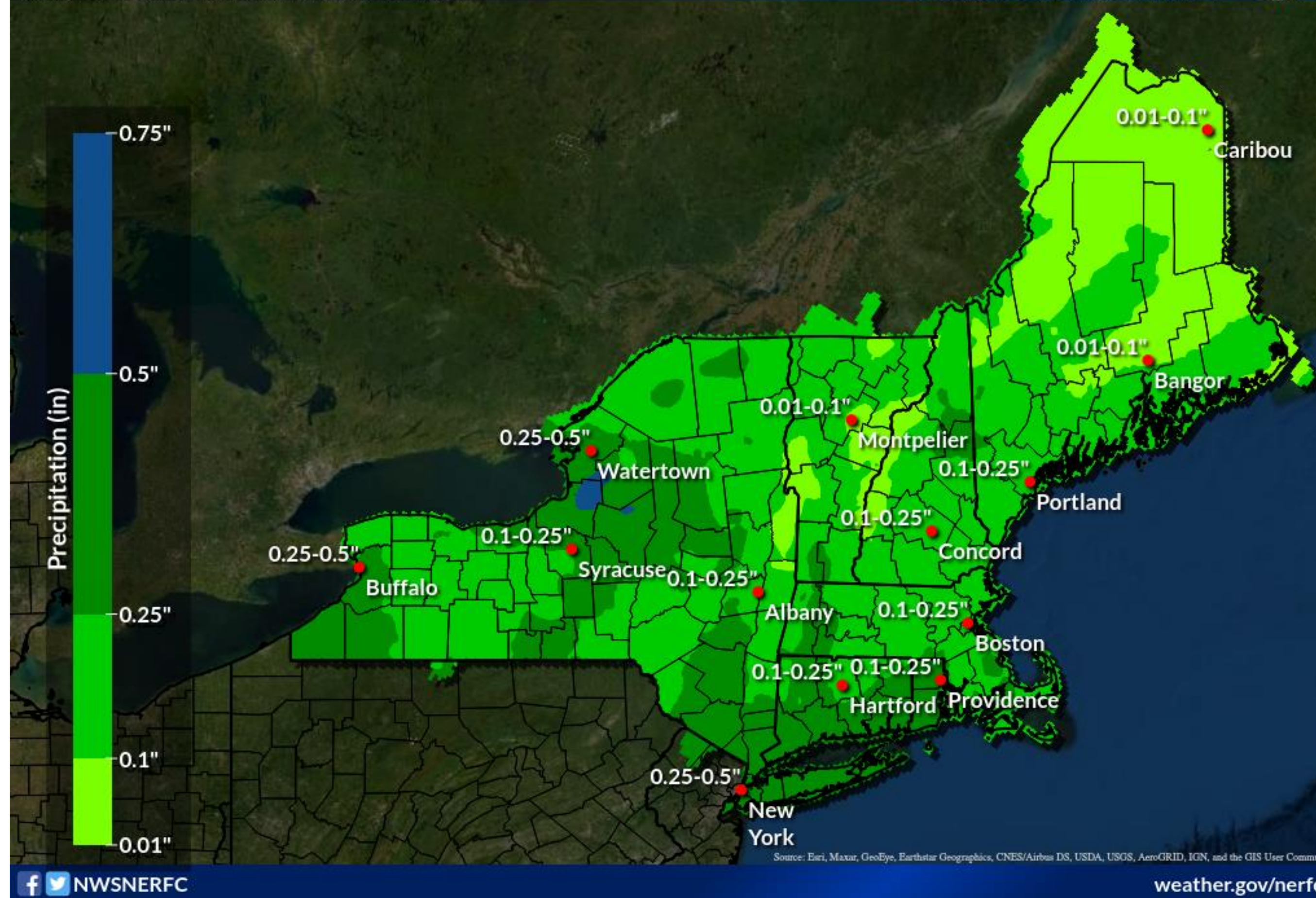


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7 Day WPC Precipitation Forecast

Valid Tue 7:00AM through Tue 7:00AM EST

River Forecast Center
Northeast RFC
Issued Feb 06, 2024 7:05 AM EST



Forecast through next Tuesday

- Dry through the weekend
- Possible storm early next week
- 0.1 to 0.25" forecast for The Cape/Islands but confidence is low

CPC 8-14 Day Outlook Valid 02/13-02/19



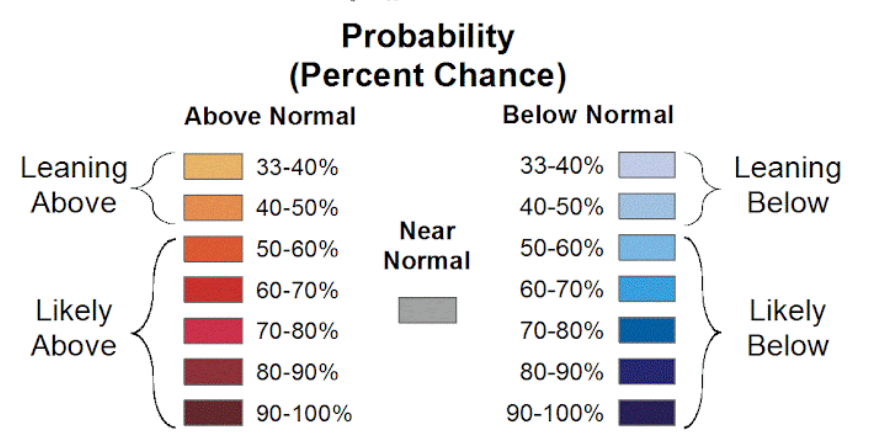
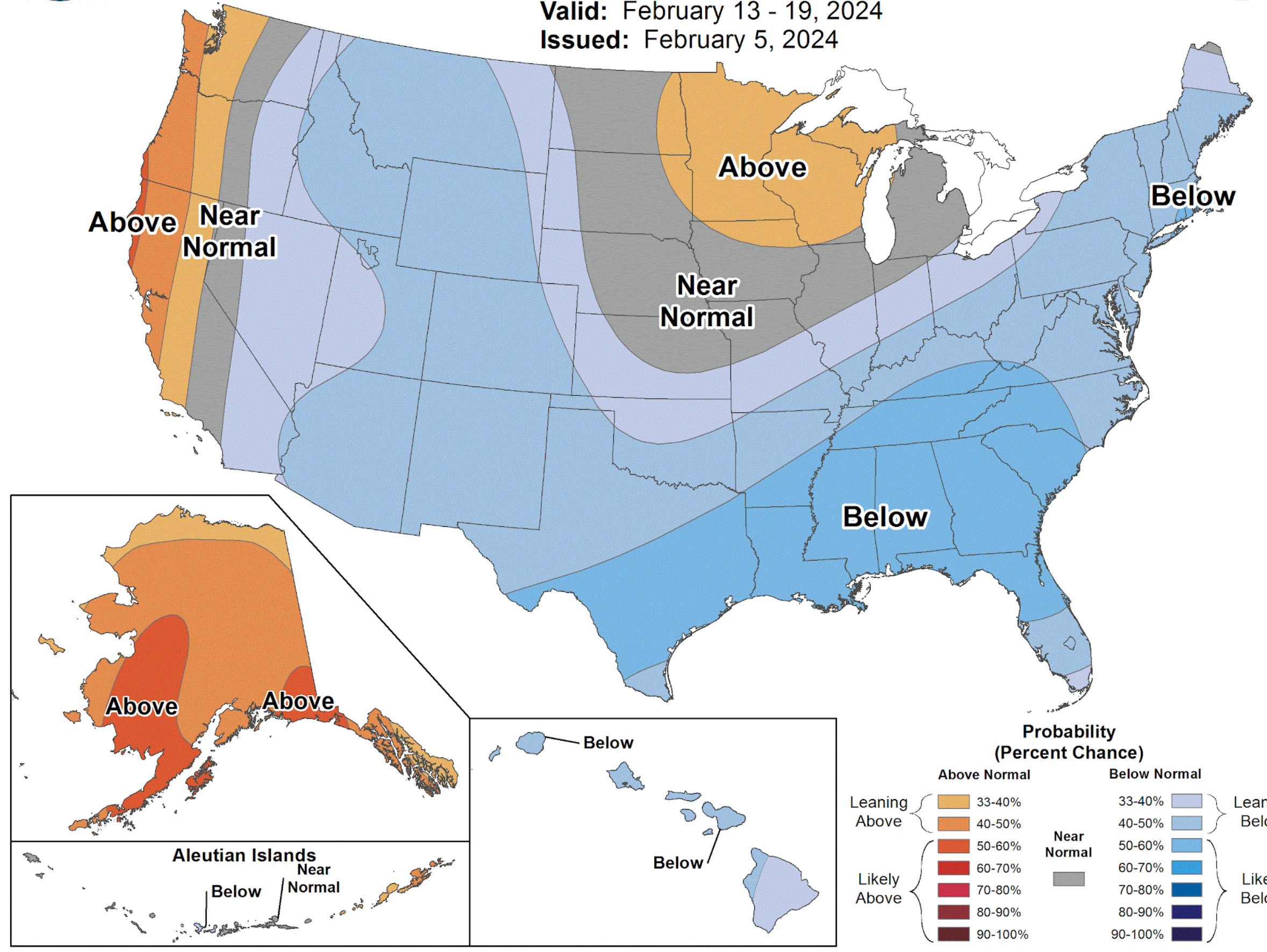
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8-14 Day Temperature Outlook



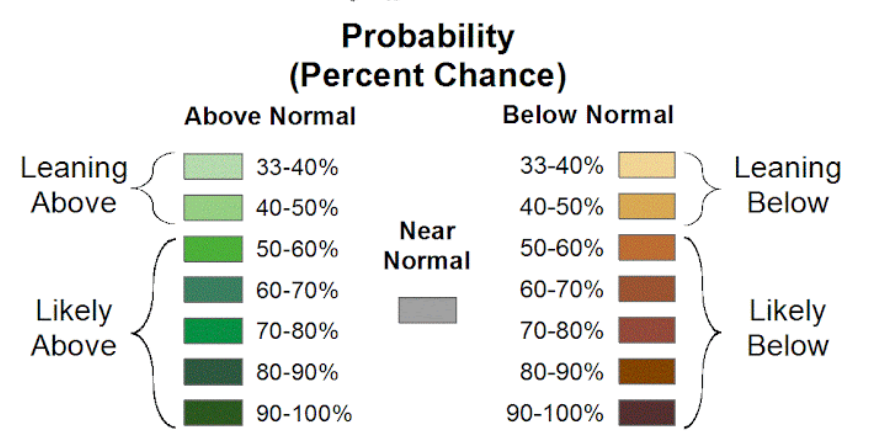
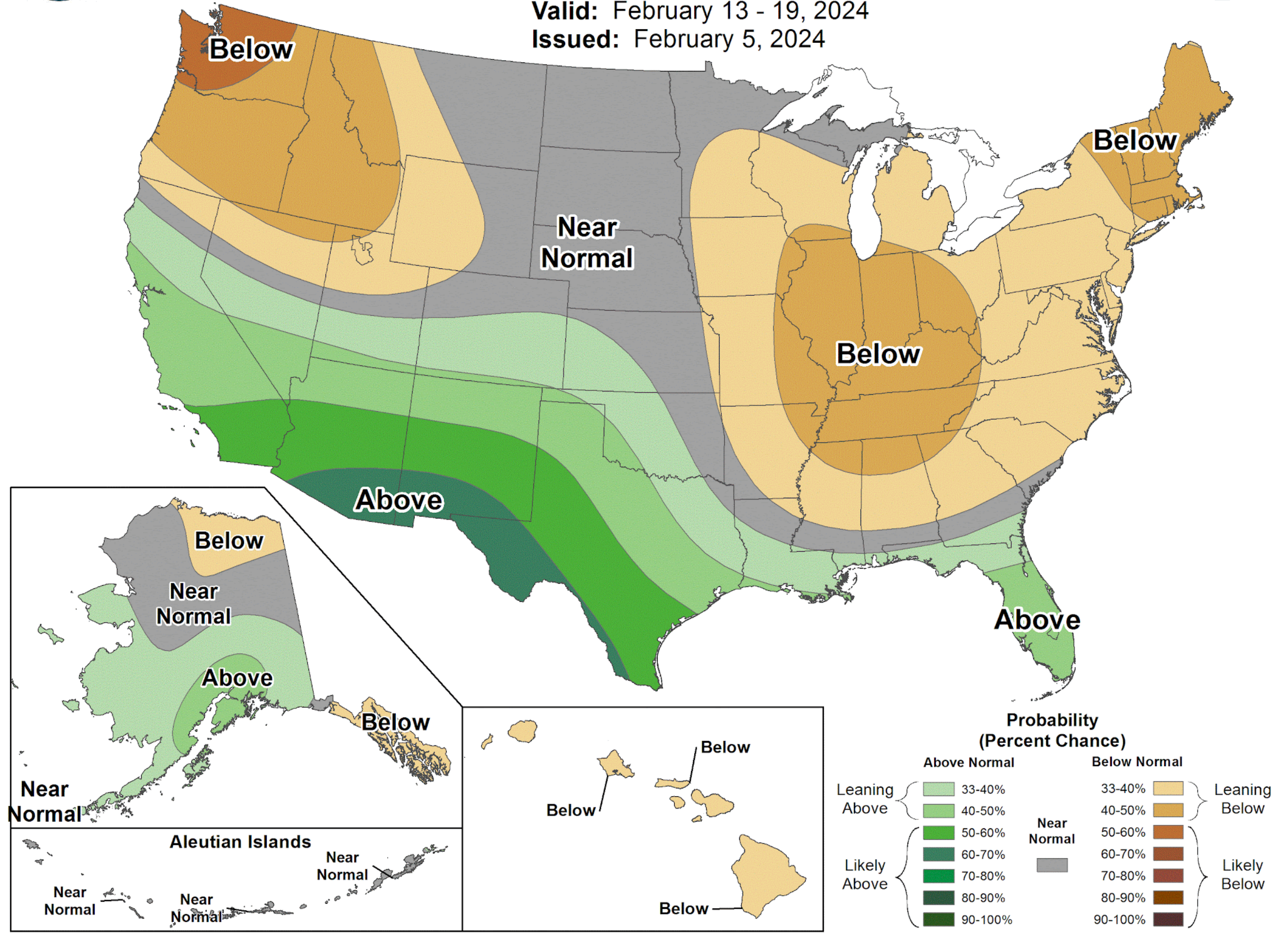
Valid: February 13 - 19, 2024
Issued: February 5, 2024



8-14 Day Precipitation Outlook



Valid: February 13 - 19, 2024
Issued: February 5, 2024

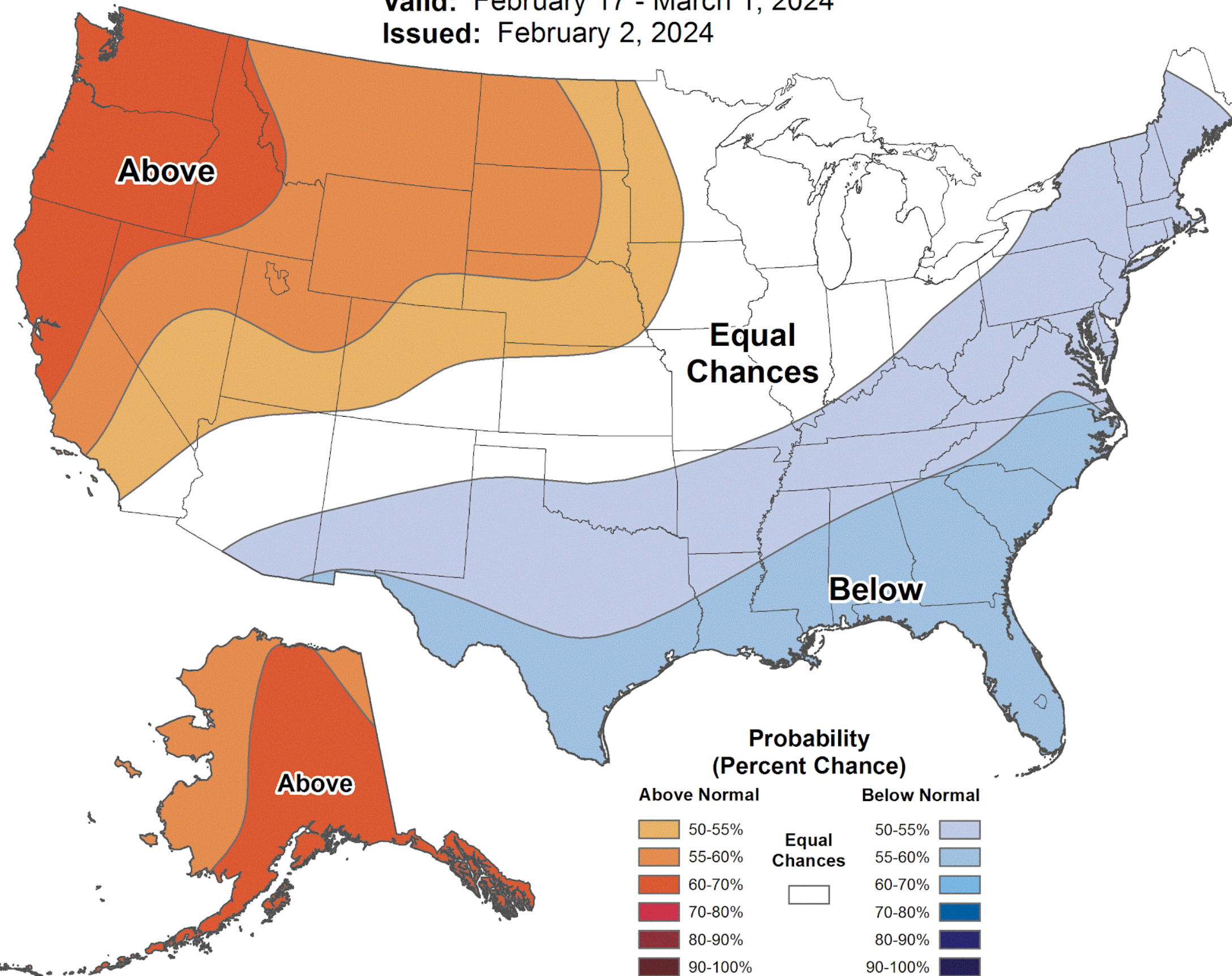




Weeks 3-4 Temperature Outlook



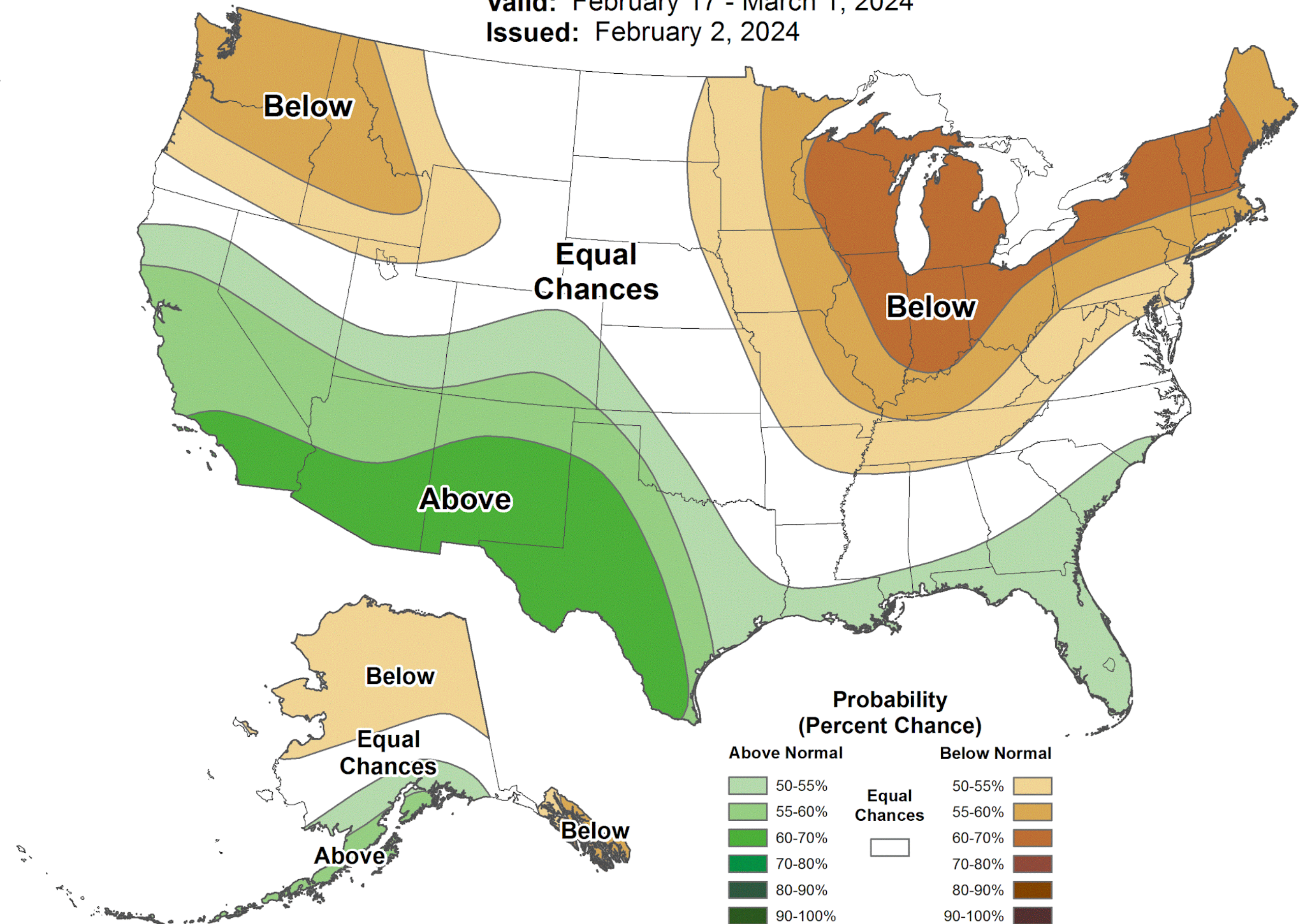
Valid: February 17 - March 1, 2024
Issued: February 2, 2024



Weeks 3-4 Precipitation Outlook



Valid: February 17 - March 1, 2024
Issued: February 2, 2024



CPC Outlook for Feb/Mar/Apr



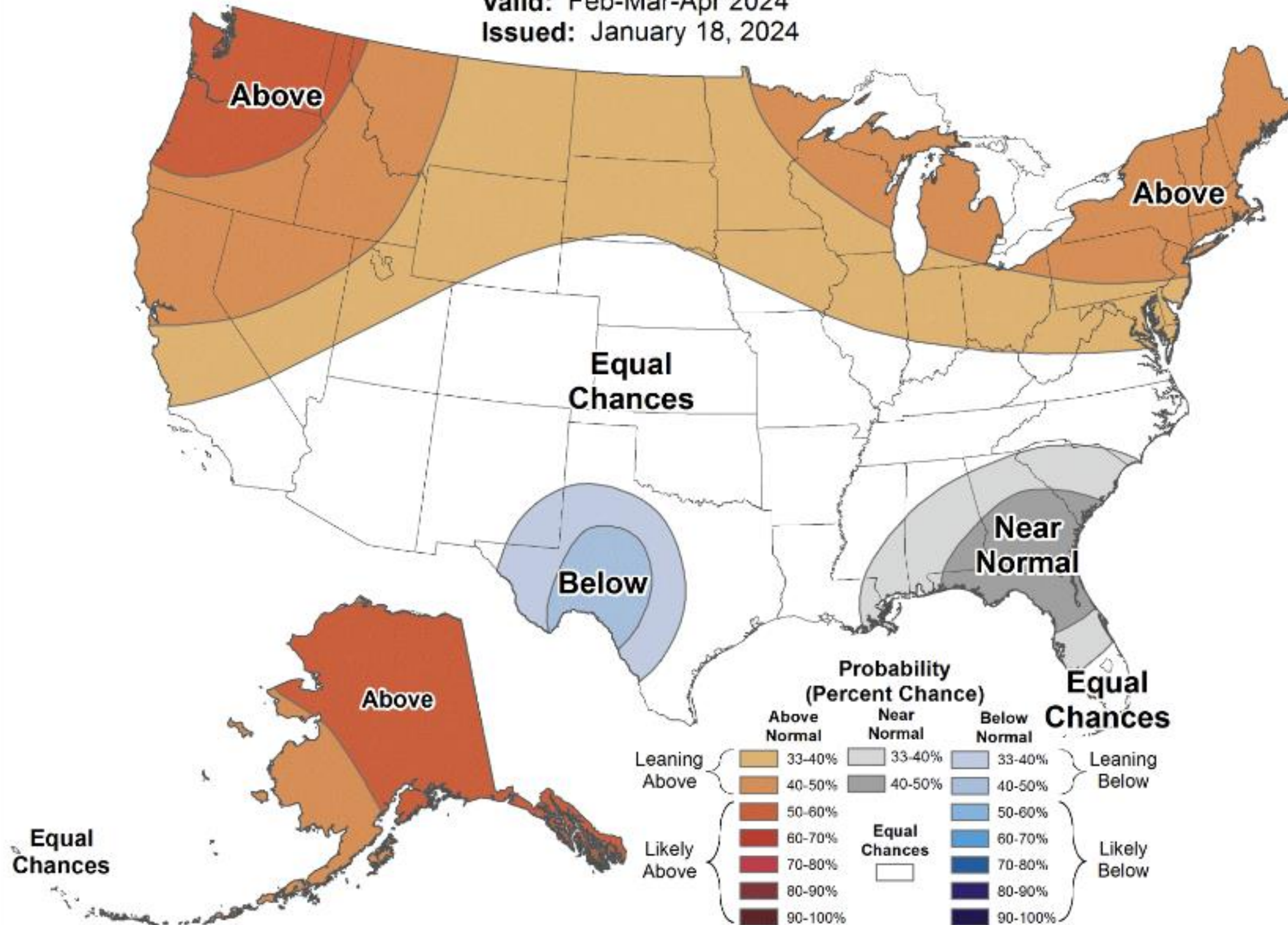
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Seasonal Temperature Outlook



Valid: Feb-Mar-Apr 2024
Issued: January 18, 2024



Seasonal Precipitation Outlook



Valid: Feb-Mar-Apr 2024
Issued: January 18, 2024

