



MA Drought Management Task Force NWS Update

Wednesday September 7 2022

Prepared by: NWS WFO Boston/Norton, MA

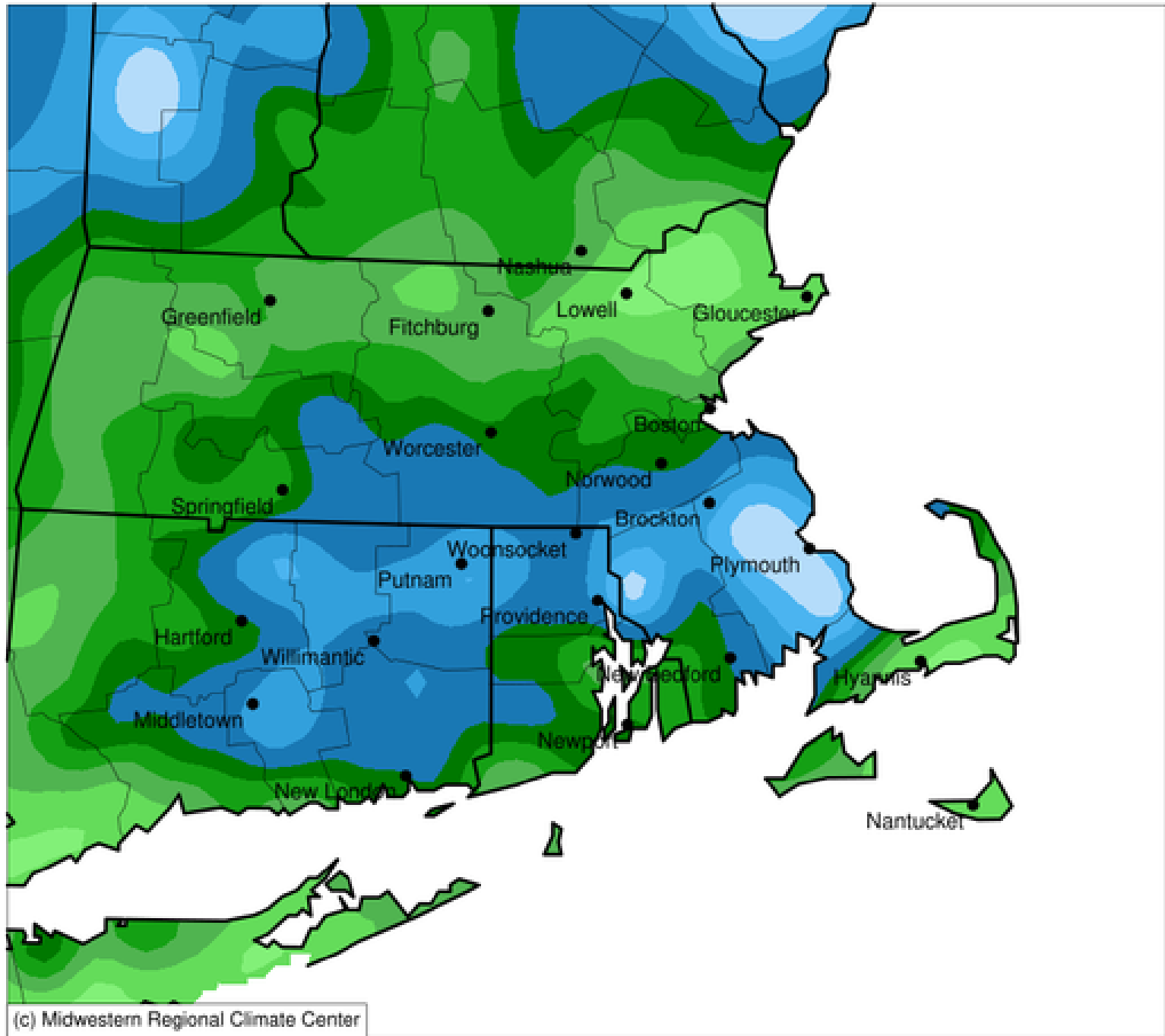
August Rainfall & Departures

Stronger rain departures northern MA & Cape Cod and the Islands



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Accumulated Precipitation (in)
August 01, 2022 to August 31, 2022

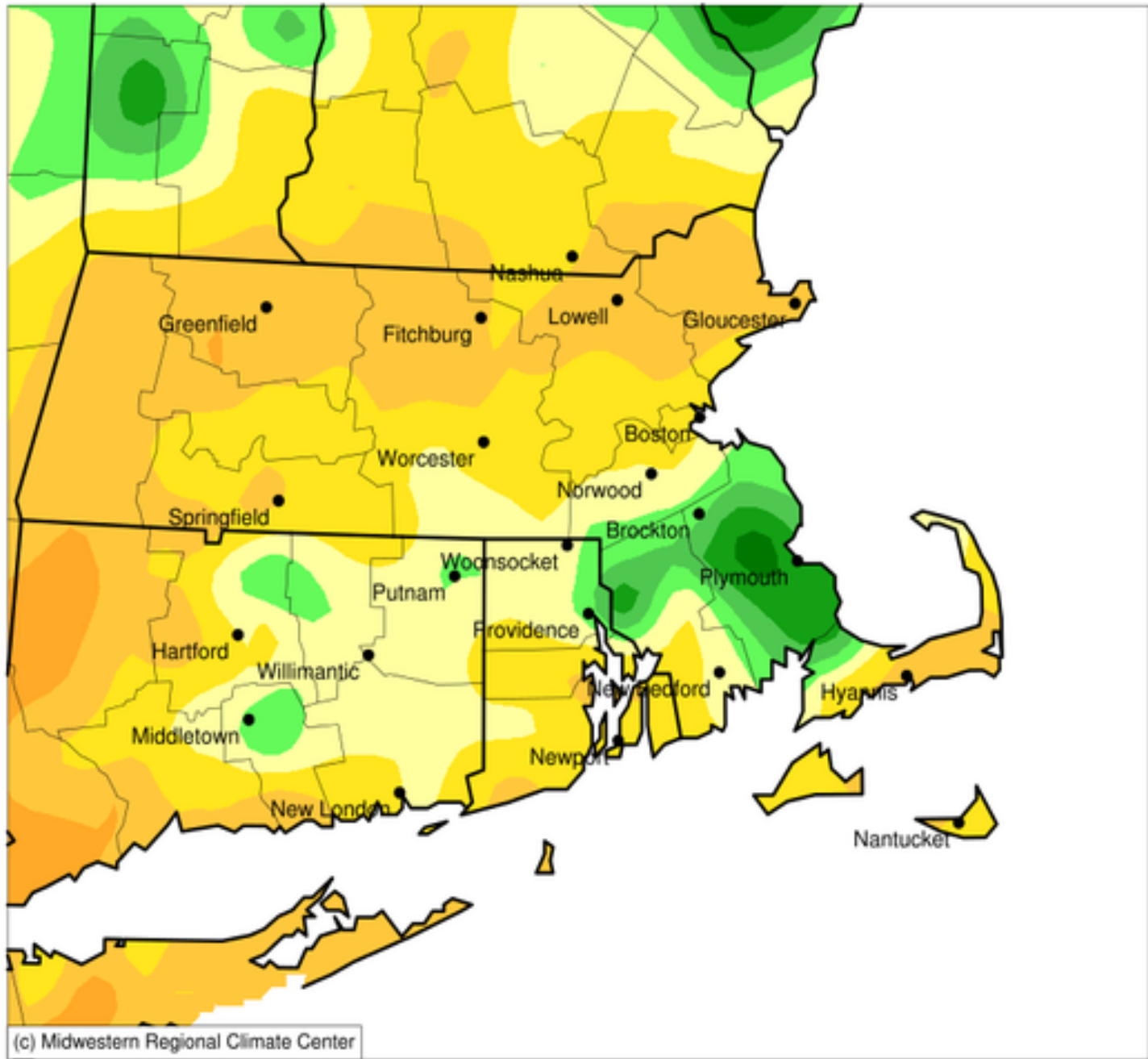


(c) Midwestern Regional Climate Center



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Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 9/6/2022 1:30:12 PM CDT

Accumulated Precipitation (in): Departure from 1991-2020 Normals
August 01, 2022 to August 31, 2022



(c) Midwestern Regional Climate Center



-3 -2 -1 0 1 2 3 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
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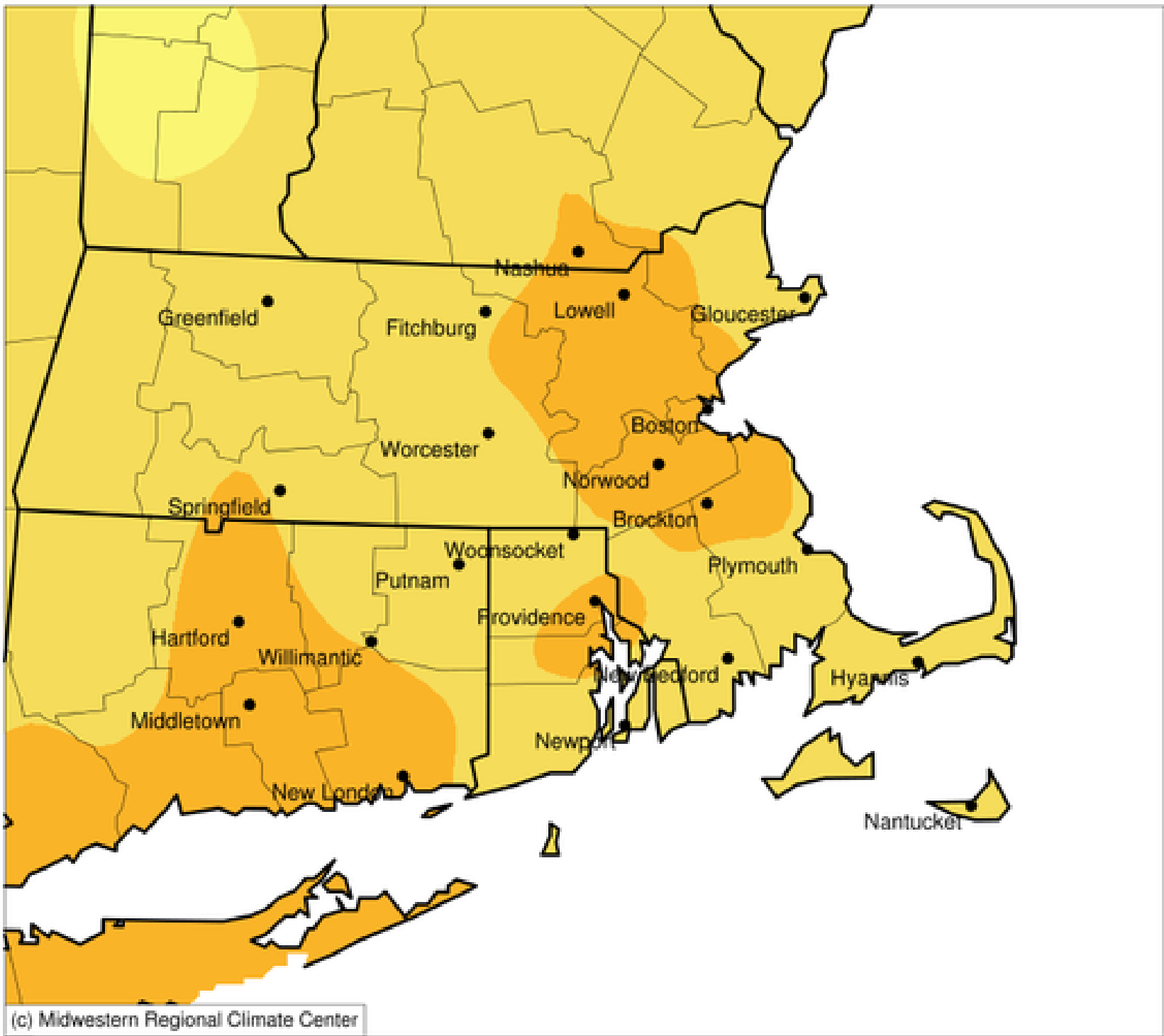
August Temperature & Departure

Well above normal temperatures across the Commonwealth



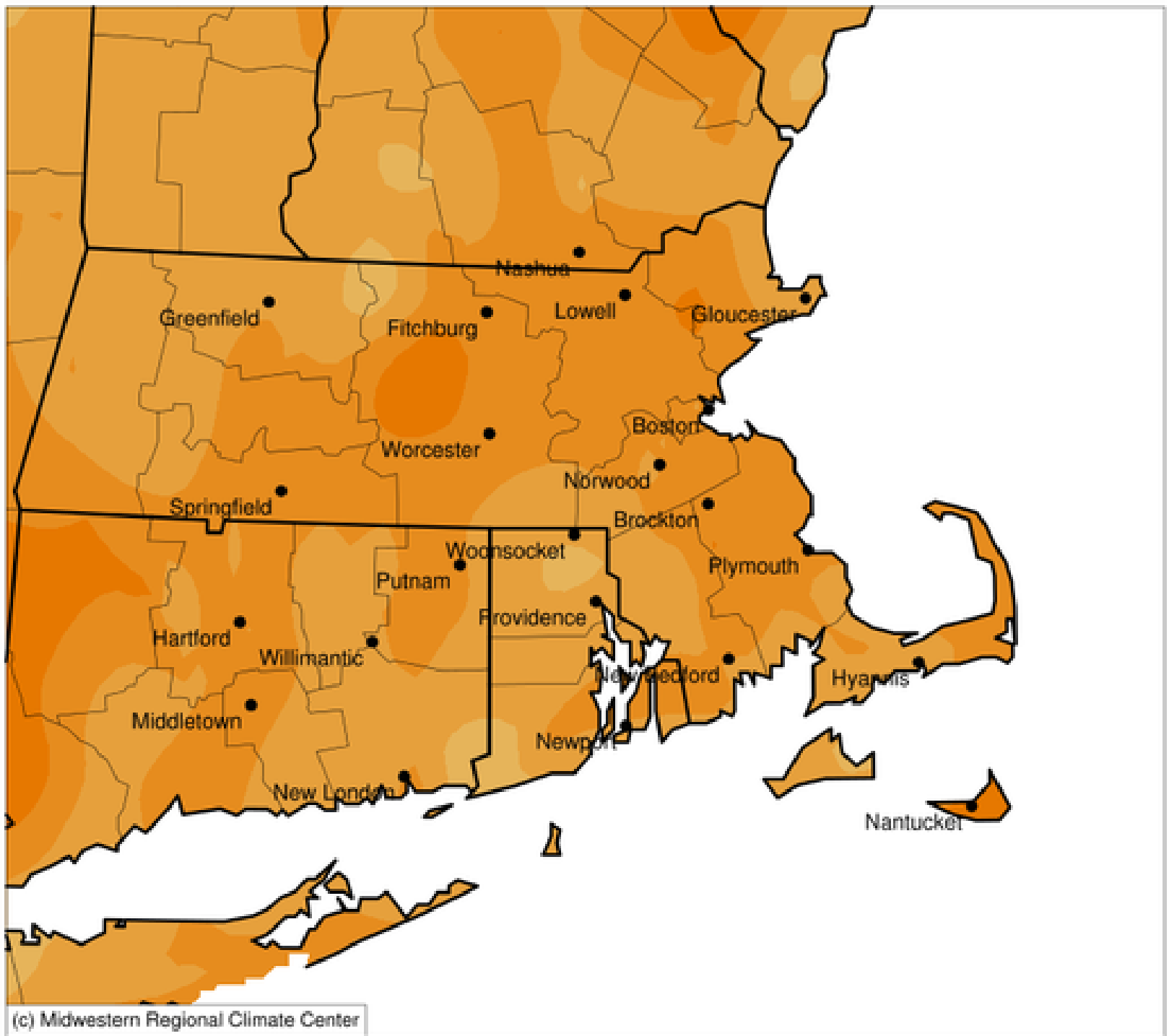
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Average Temperature (°F)
August 01, 2022 to August 31, 2022



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwestern Regional Climate Center
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Average Temperature (°F): Departure from 1991-2020 Normals
August 01, 2022 to August 31, 2022



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Missouri FSA, Missouri Mesonet, Midwestern Regional Climate Center
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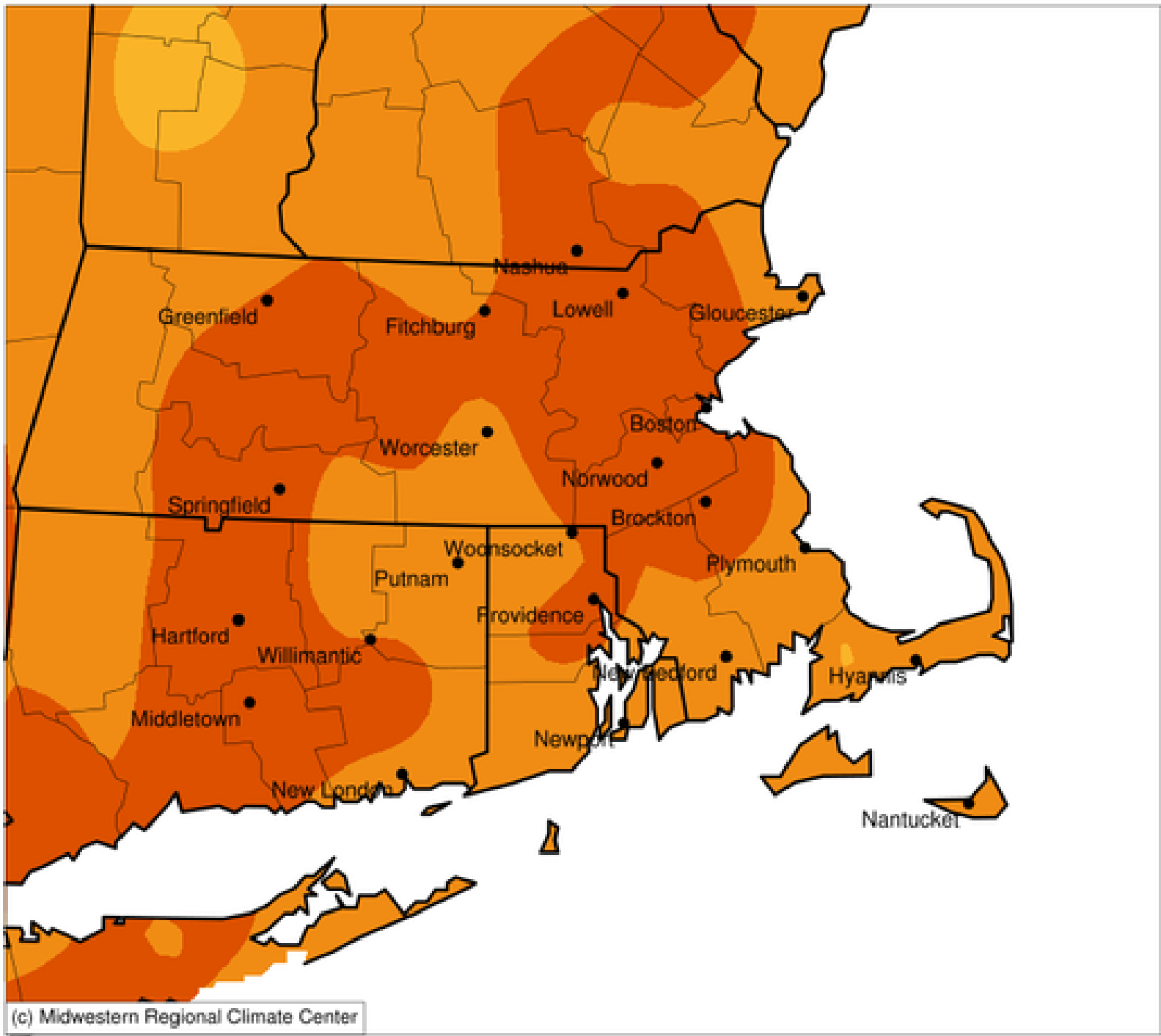
August High Temperature & Departure

Well above normal highs for the month



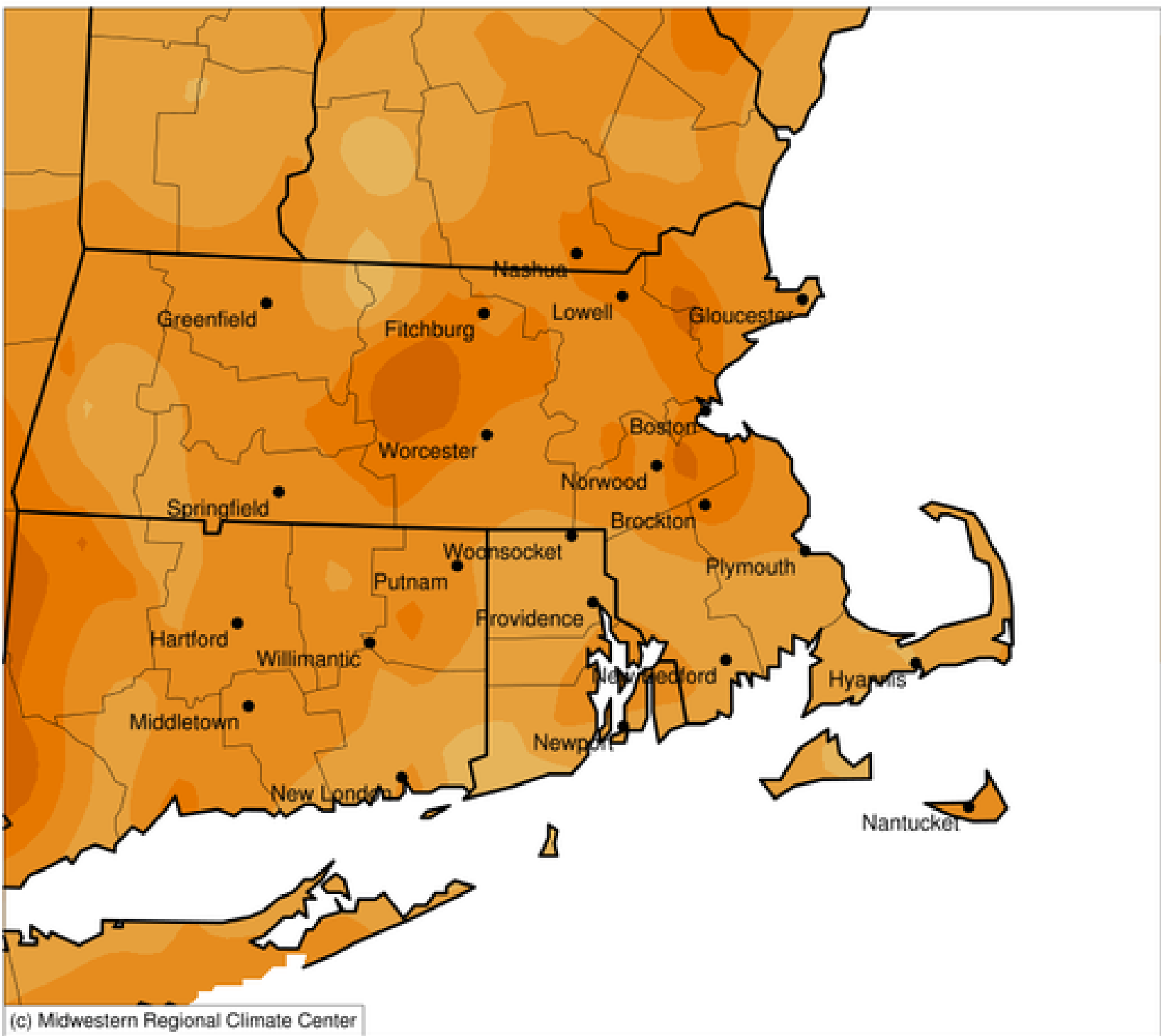
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Average Maximum Temperature (°F)
August 01, 2022 to August 31, 2022



70 75 80 85 90 95
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
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Average Maximum Temperature (°F): Departure from 1991-2020 Normals
August 01, 2022 to August 31, 2022

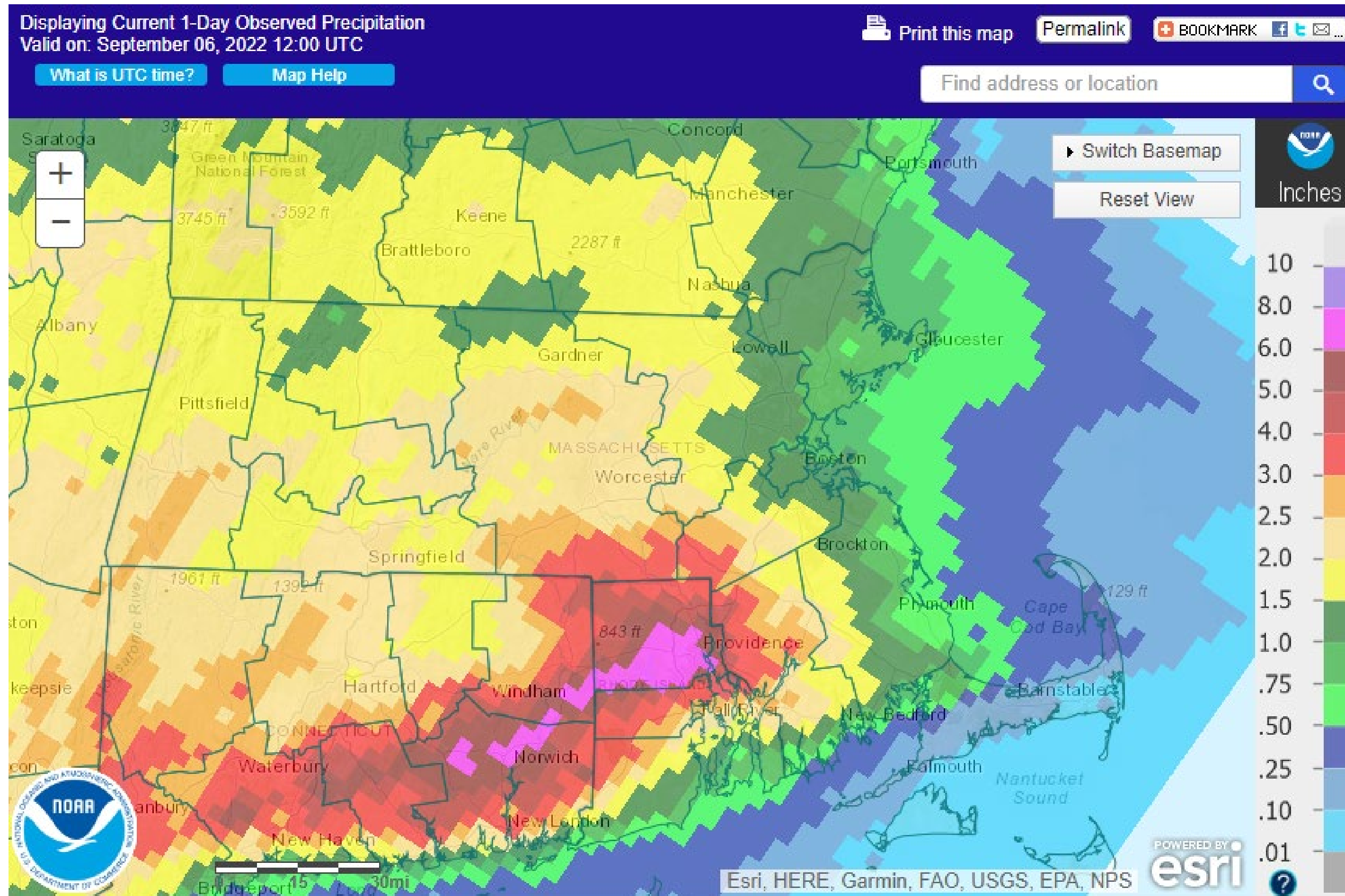


0 1 2 3 4 5 6 7 8 9
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
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Observed Rain from Monday Sep 5th



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Lowest rains Cape Cod and the Islands, up to 0.75" near the Cape Cod Canal to a few tenths of an inch or less eastward.

Eastern & coastal MA saw amounts 0.75 to 1.5".

More significant rains (2 to 3 inches) across western and central MA, with 3 to 4 inches across southern Worcester County and western Bristol County.

Forecast Through 8 pm Tue Sep 13

Several rainfall chances but better coverage across western zones



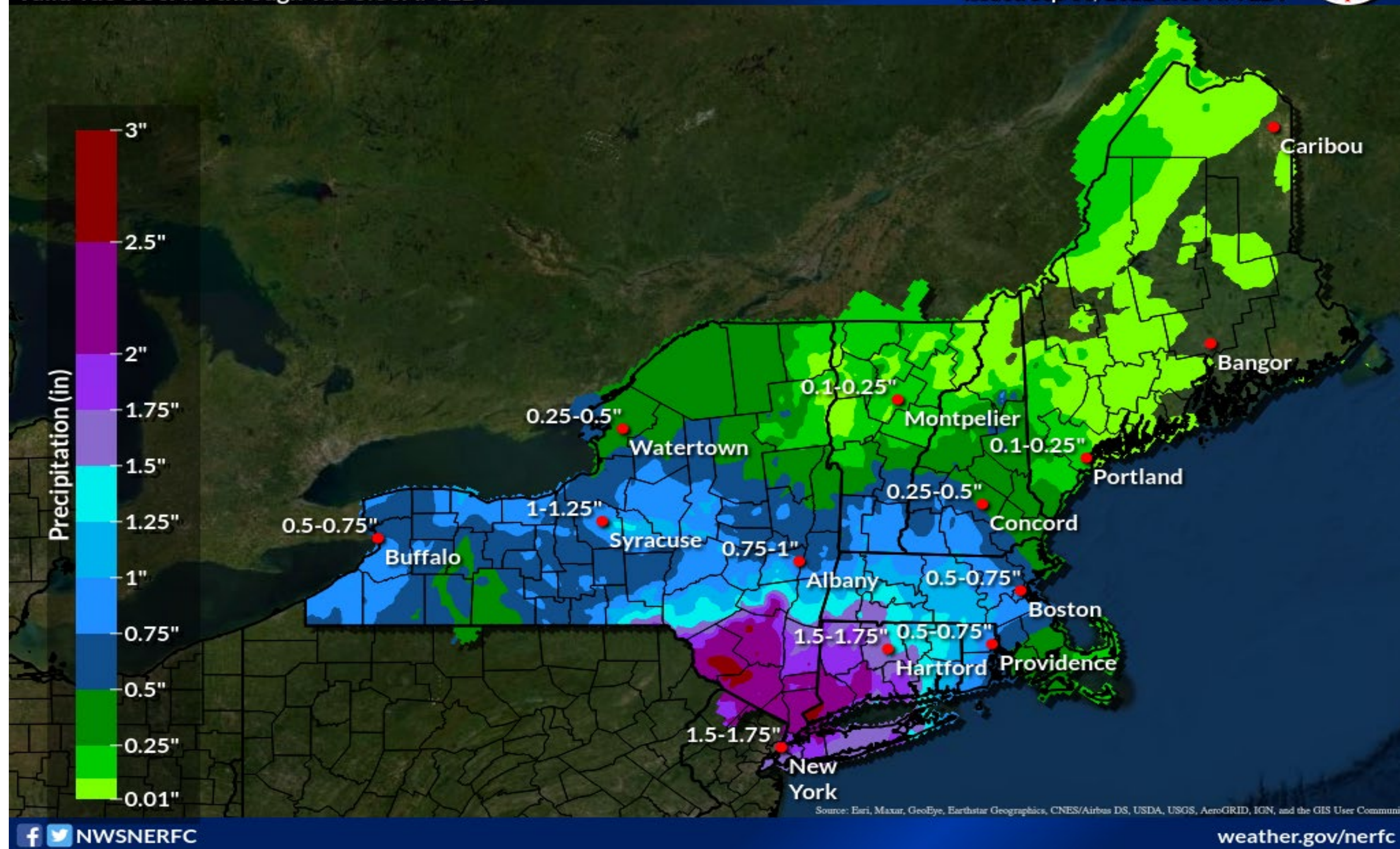
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7 Day WPC Precipitation Forecast

Valid Tue 8:00AM through Tue 8:00AM EDT

River Forecast Center
Northeast RFC
Issued Sep 06, 2022 8:05 AM EDT



Note: Much of the above rainfall forecast is valid on Tuesday Sept 6th (yesterday)

Forecast through Next Tuesday

After wetting rains to begin this week, rain chances trend spotty starting Wed.

Mainly dry weather anticipated Thurs through Sun. Next chance of rain may appear around Mon.

Cooler than normal temperatures (mid 70s highs) on Wed and Thurs.

Warming trend Fri into the weekend, highs in the lower to mid 80s.

Lows mainly in the mid to upper 50s Wed and Thurs; low to mid 60s lows Fri into Mon.

CPC 6-10 Day Outlook

Valid for period Sept 11 – 15, 2022



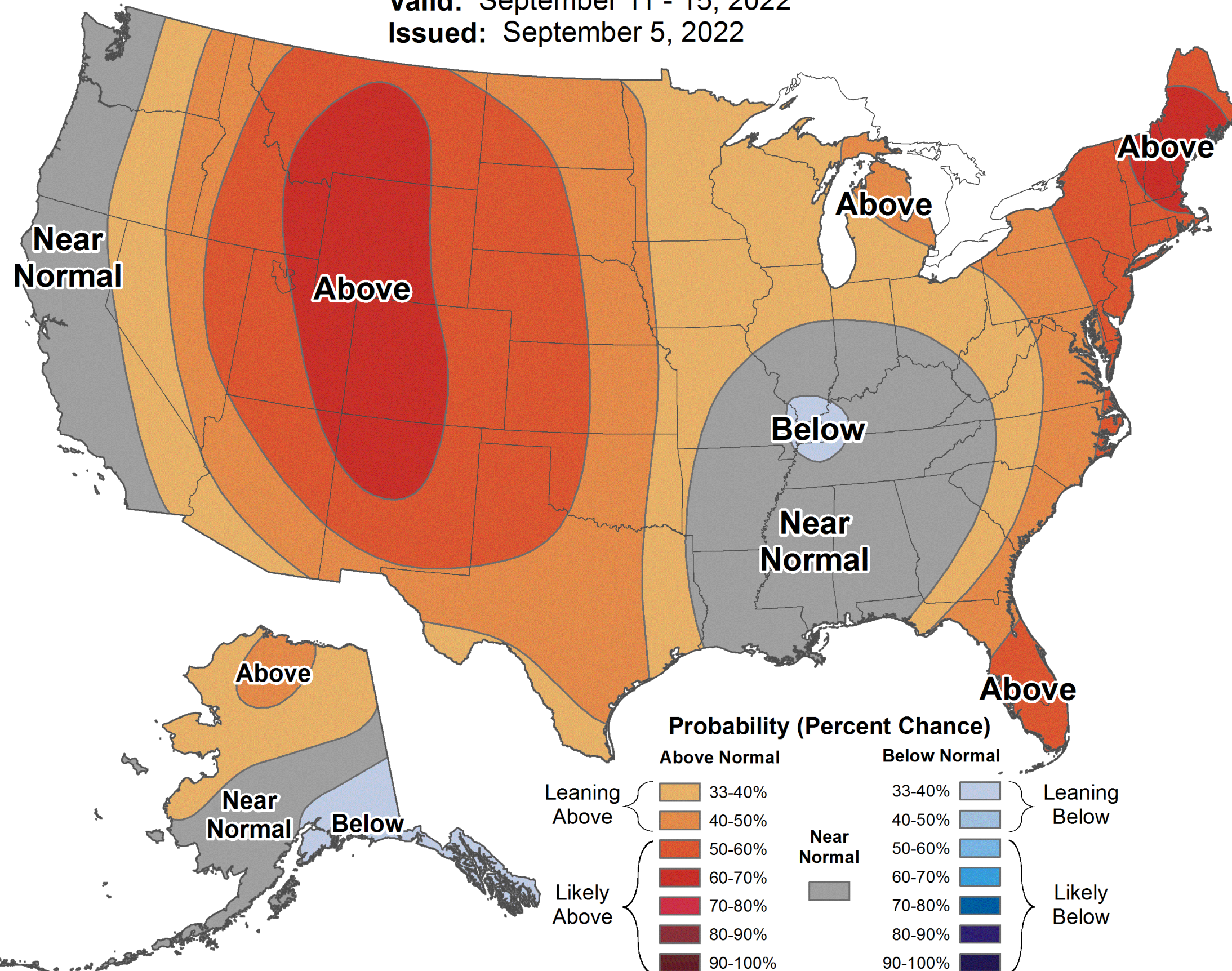
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6-10 Day Temperature Outlook



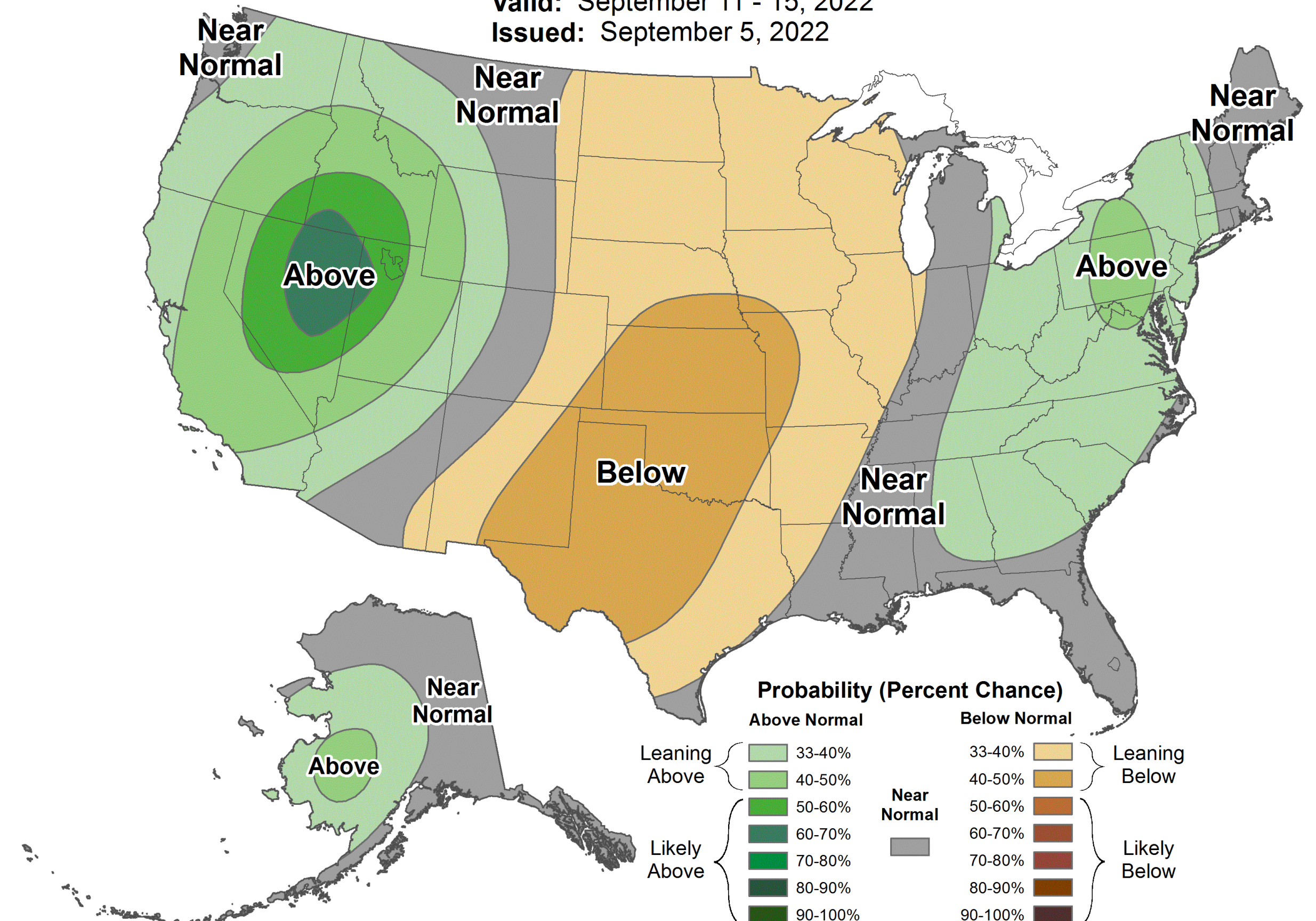
Valid: September 11 - 15, 2022
Issued: September 5, 2022



6-10 Day Precipitation Outlook



Valid: September 11 - 15, 2022
Issued: September 5, 2022



CPC 8-14 Day Outlook

Valid for period Sept 13-19, 2022



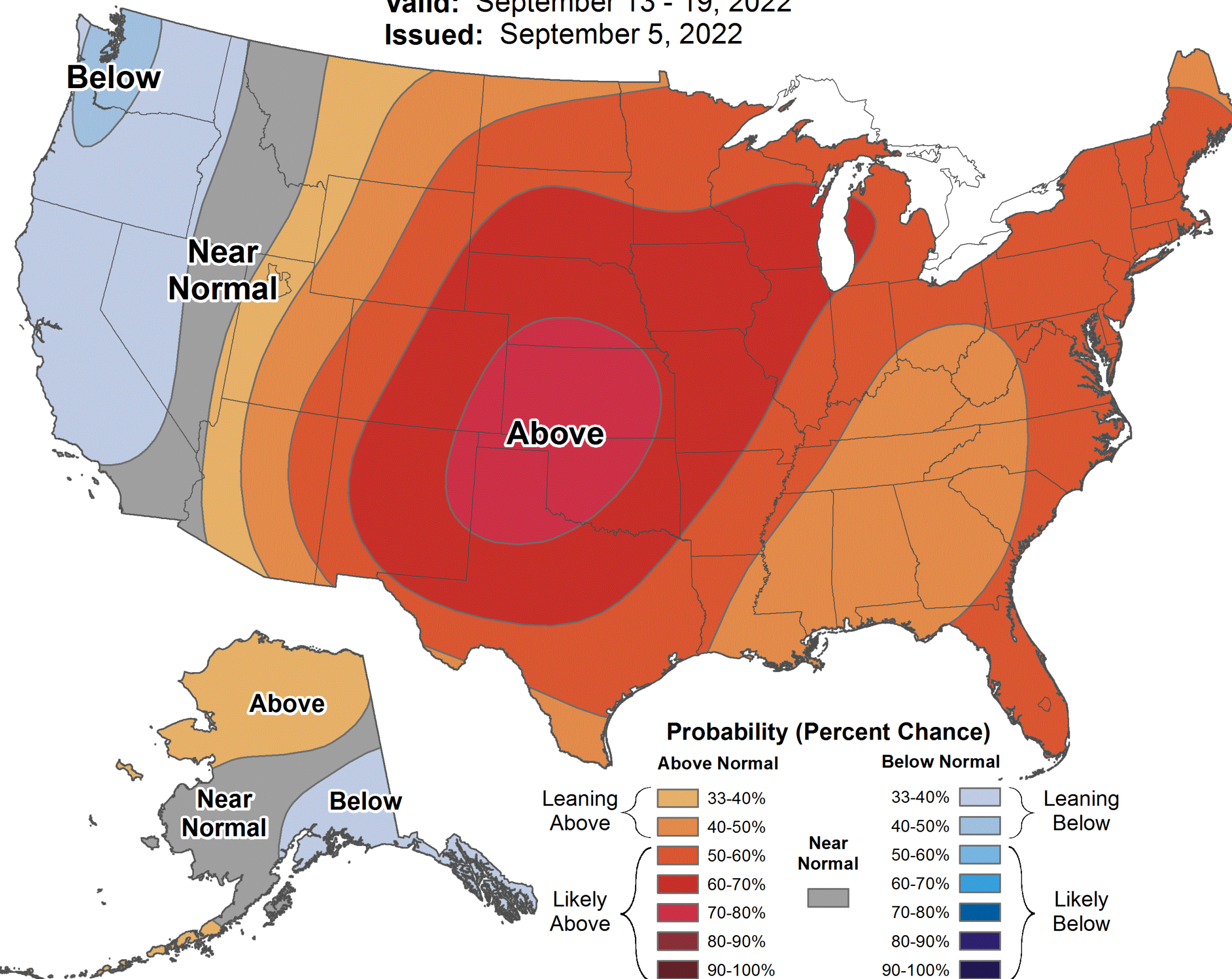
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8-14 Day Temperature Outlook



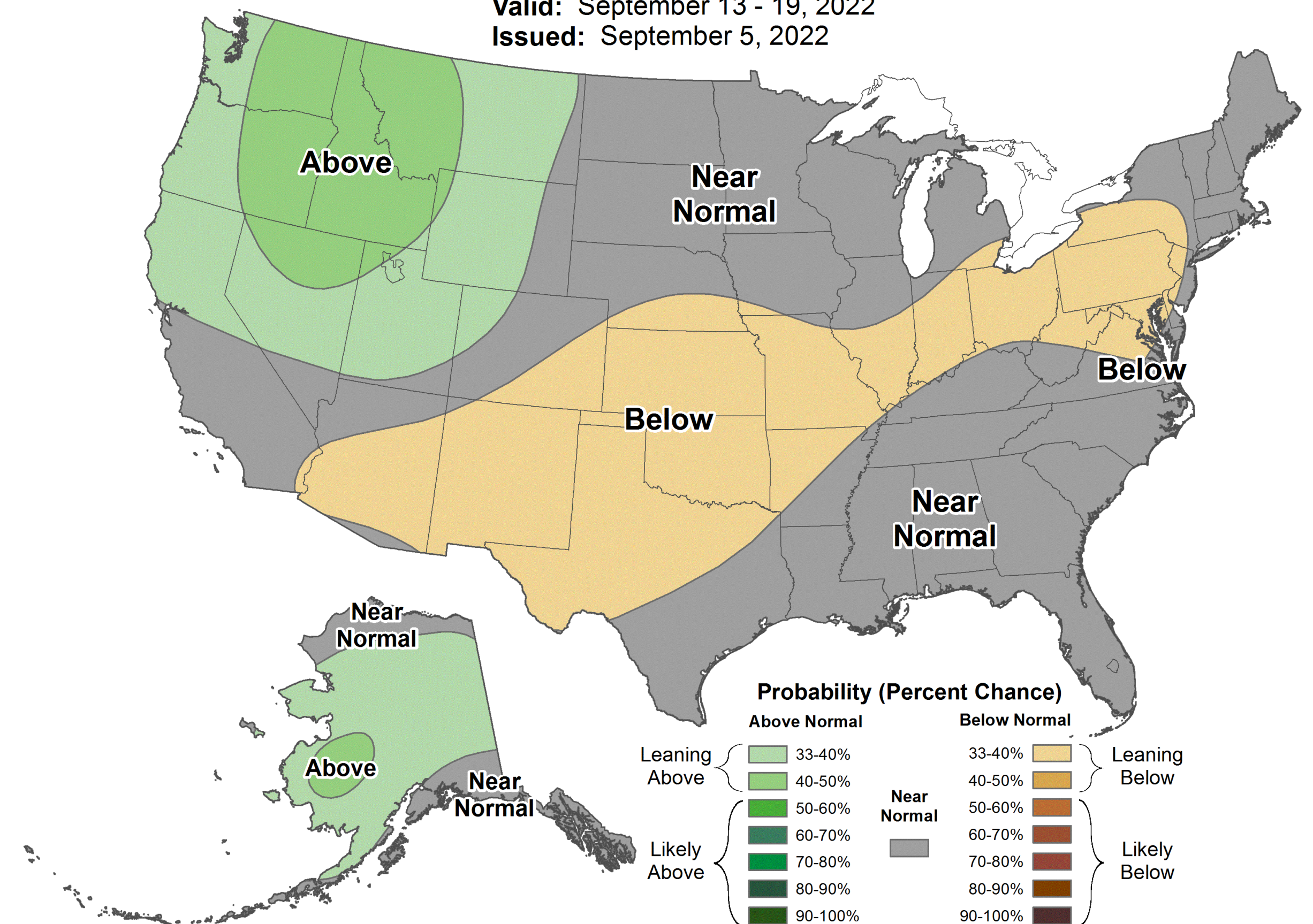
Valid: September 13 - 19, 2022
Issued: September 5, 2022



8-14 Day Precipitation Outlook



Valid: September 13 - 19, 2022
Issued: September 5, 2022



CPC Outlook for Sep/Oct/Nov



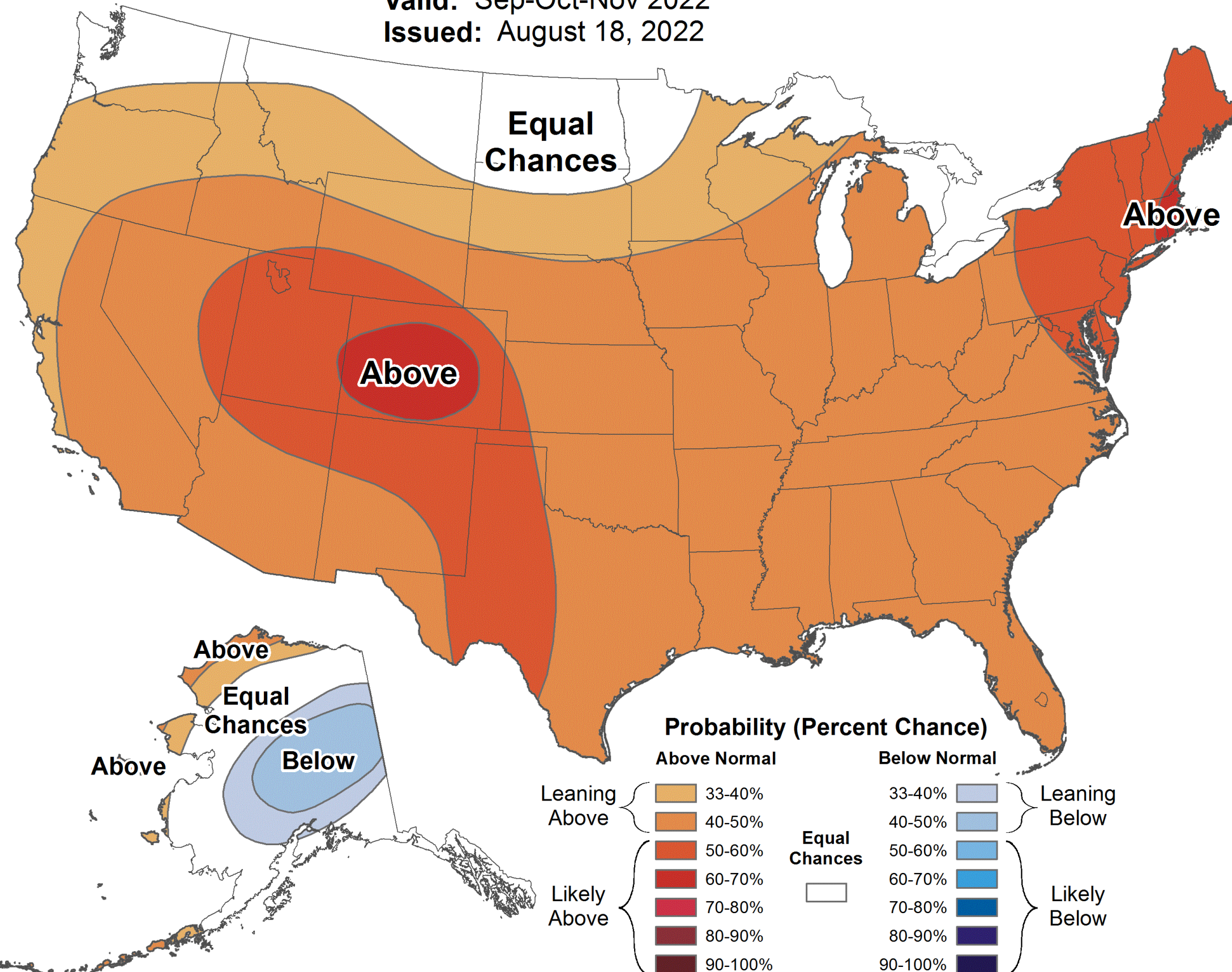
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Seasonal Temperature Outlook



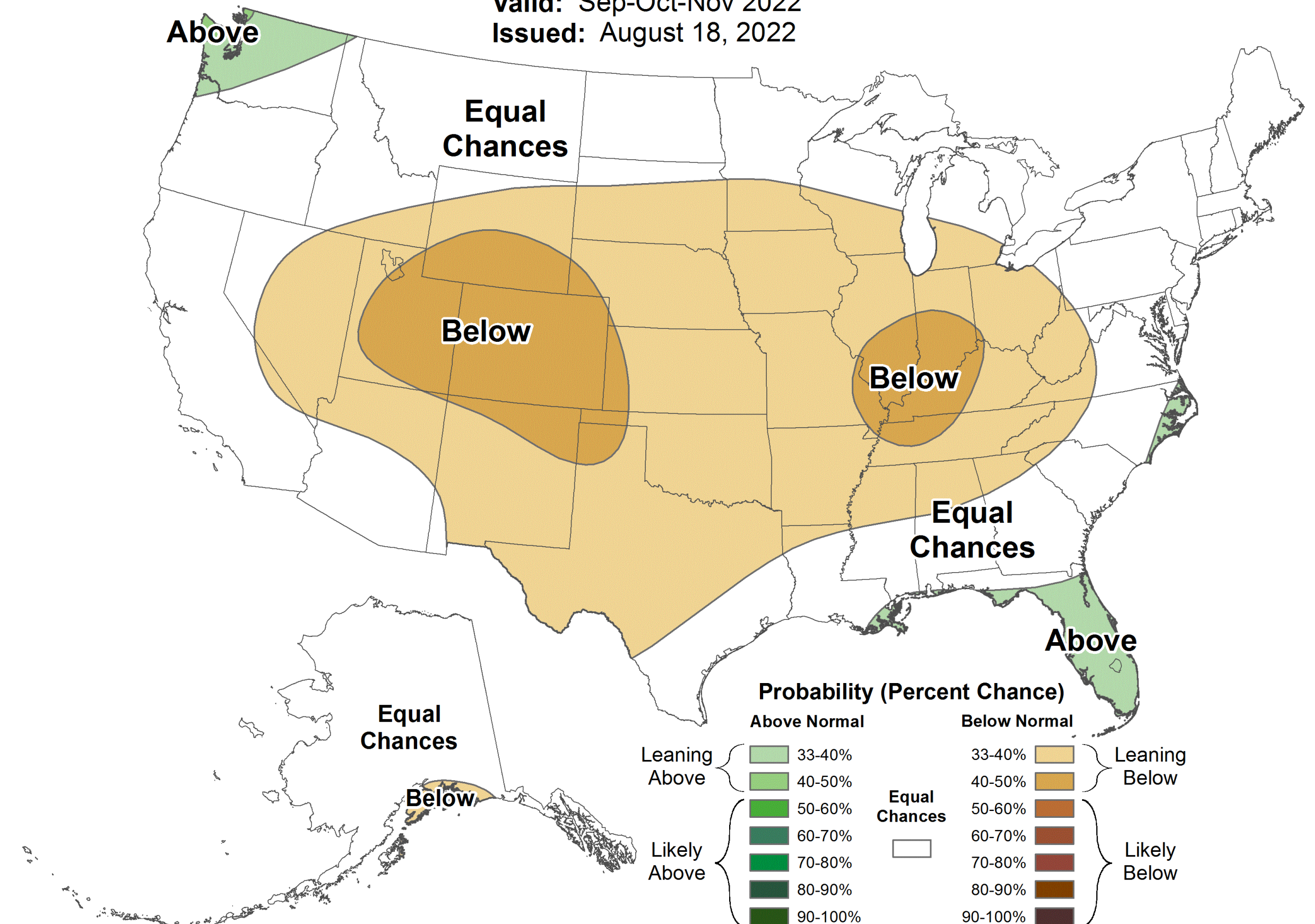
Valid: Sep-Oct-Nov 2022
Issued: August 18, 2022



Seasonal Precipitation Outlook



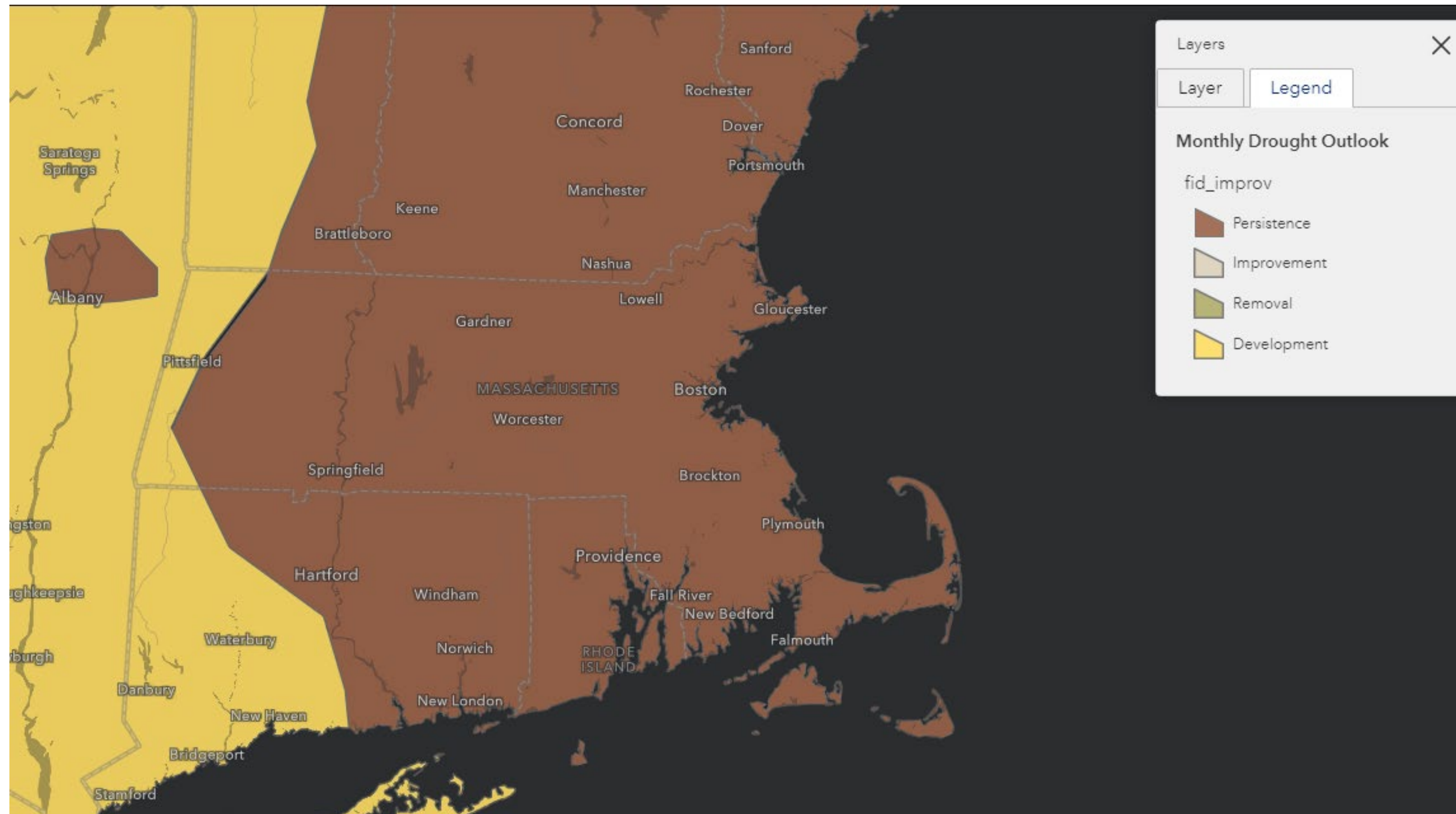
Valid: Sep-Oct-Nov 2022
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US Drought Monitor Outlook



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Drought conditions anticipated to persist across the entire Commonwealth through September.