



MA Drought Management Task Force NWS Update

Thursday July 21 2022

Prepared by: NWS WFO Boston/Norton, MA

July Month-To-Date Rainfall

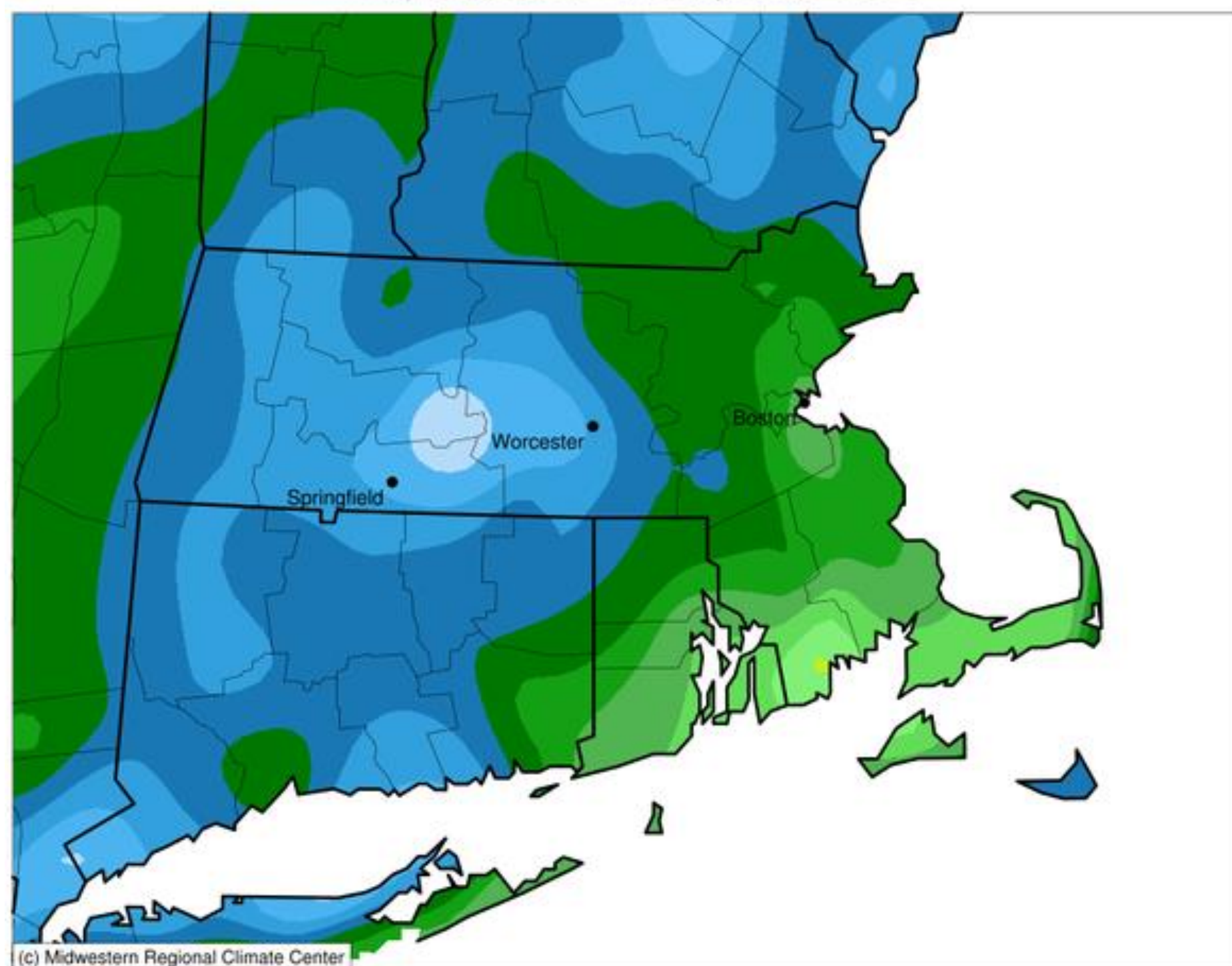
Rainfall through 8 am July 19th was low



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Accumulated Precipitation (in)

July 01, 2022 to July 20, 2022



0.01 0.05 0.1 0.2 0.3 0.5 0.75 1 1.5 2 2.5 3 4

Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,

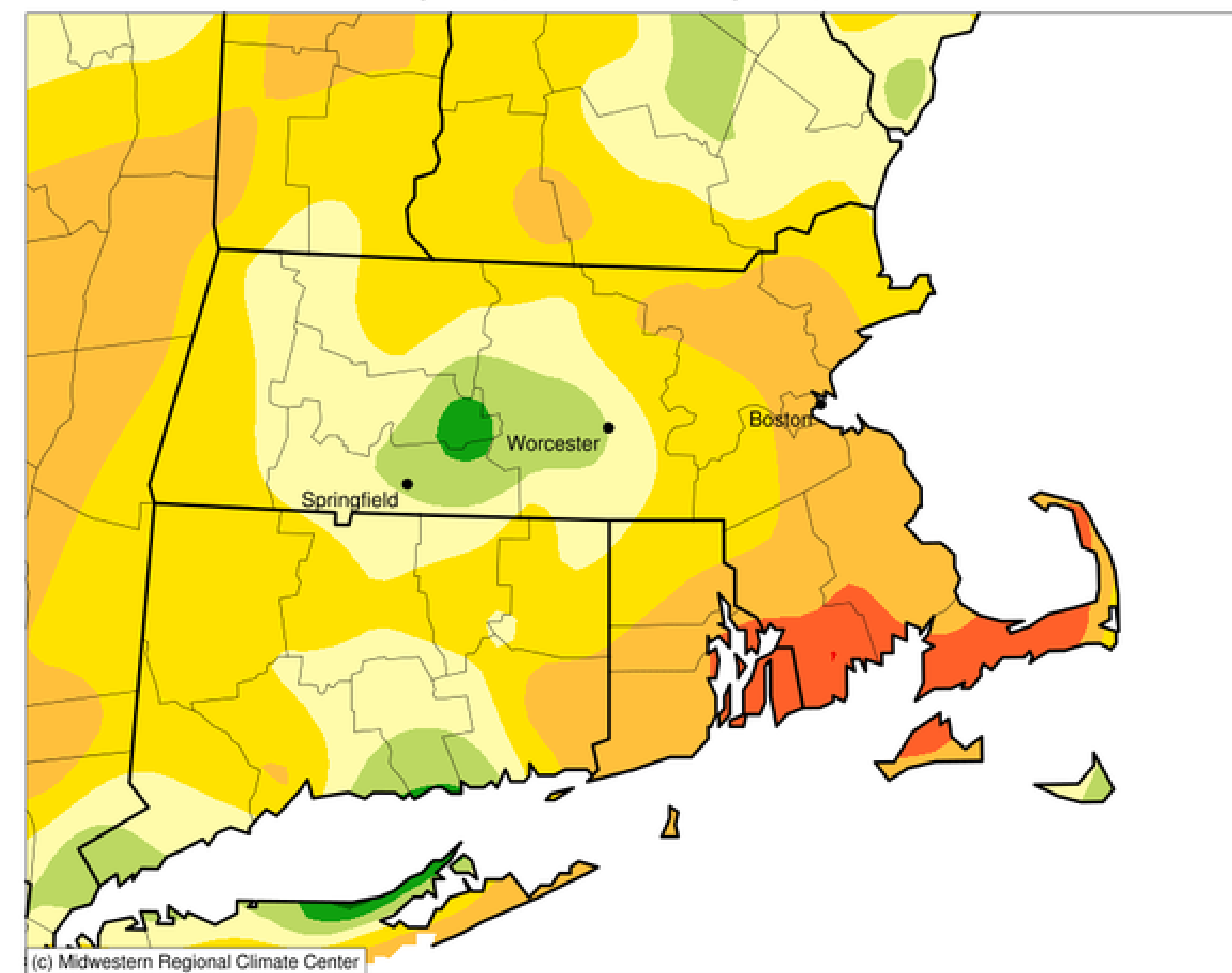
Midwestern Regional Climate Center

cli-MATE: MRCC Application Tools Environment

Generated at: 7/20/2022 1:23:48 AM CDT

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

July 01, 2022 to July 20, 2022



10 25 50 75 100 125 150

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: 7/20/2022 1:18:14 AM CDT

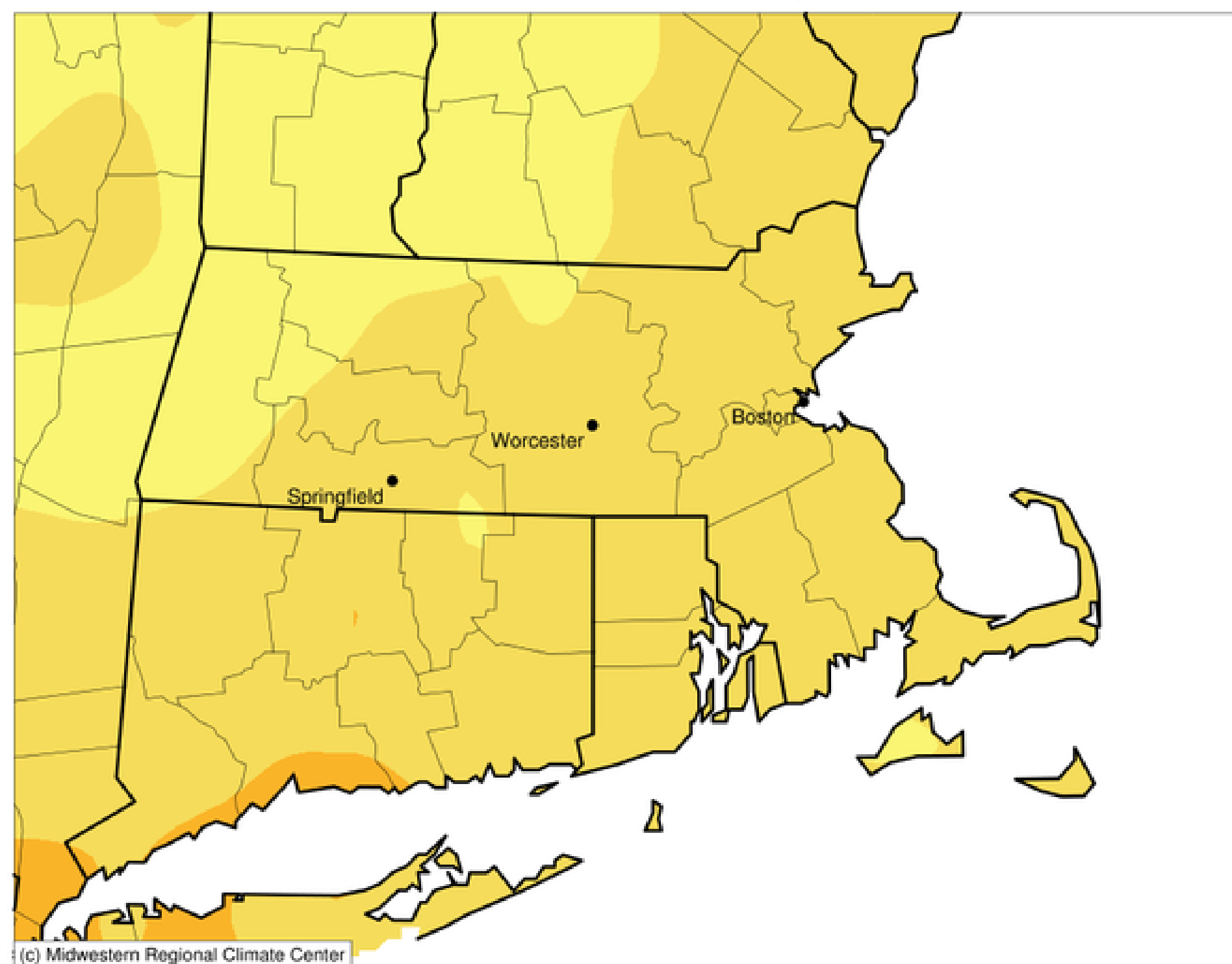
July Month-To-Date Temperature

Temperature through July 19th was close to normal



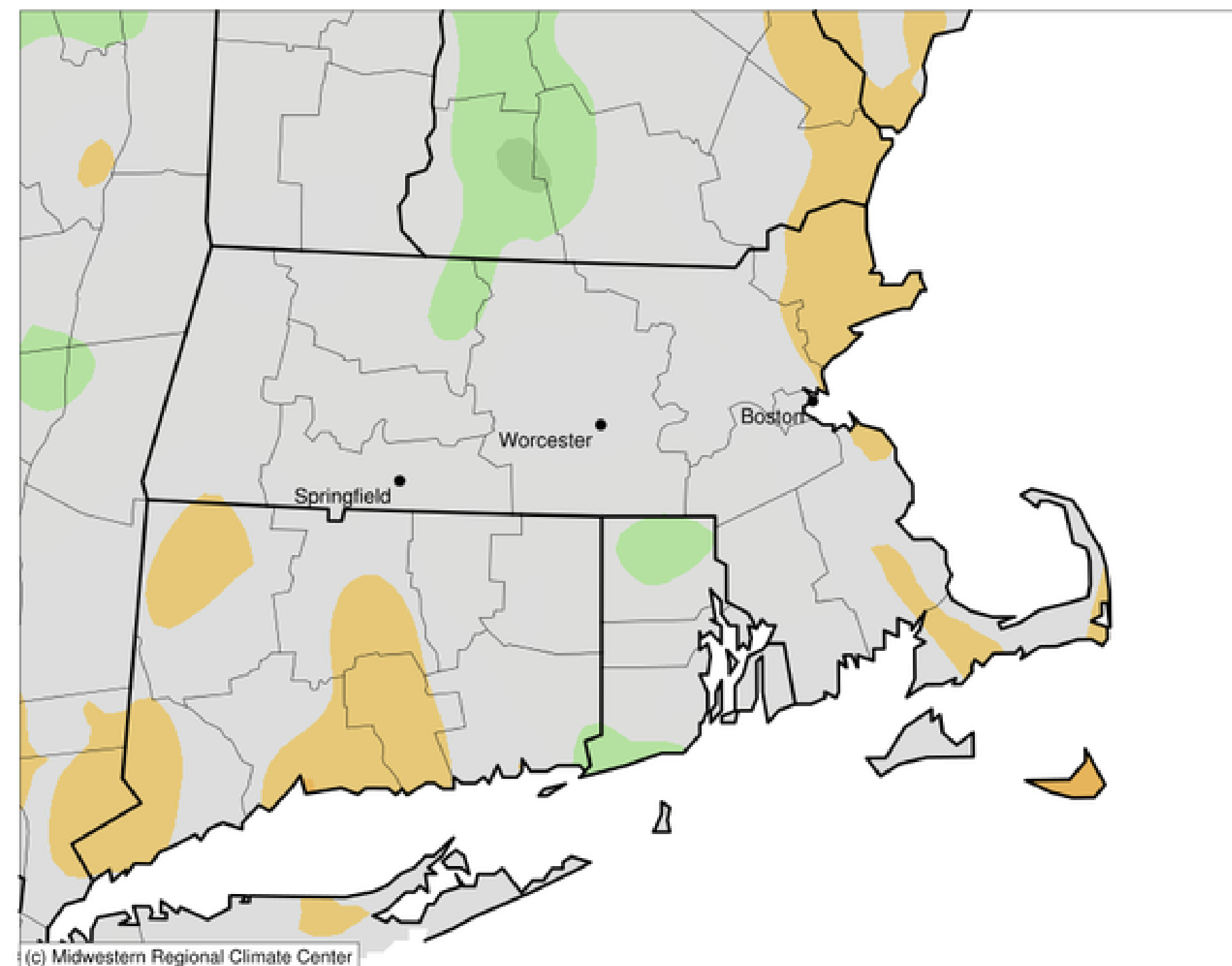
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Average Temperature (°F)
July 01, 2022 to July 20, 2022



55 60 65 70 75 80
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 7/20/2022 1:30:14 AM CDT

Average Temperature (°F): Departure from 1991-2020 Normals
July 01, 2022 to July 20, 2022



-5 -4 -3 -2 -1 0 1 2 3 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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July Month-To-Date High Temperature

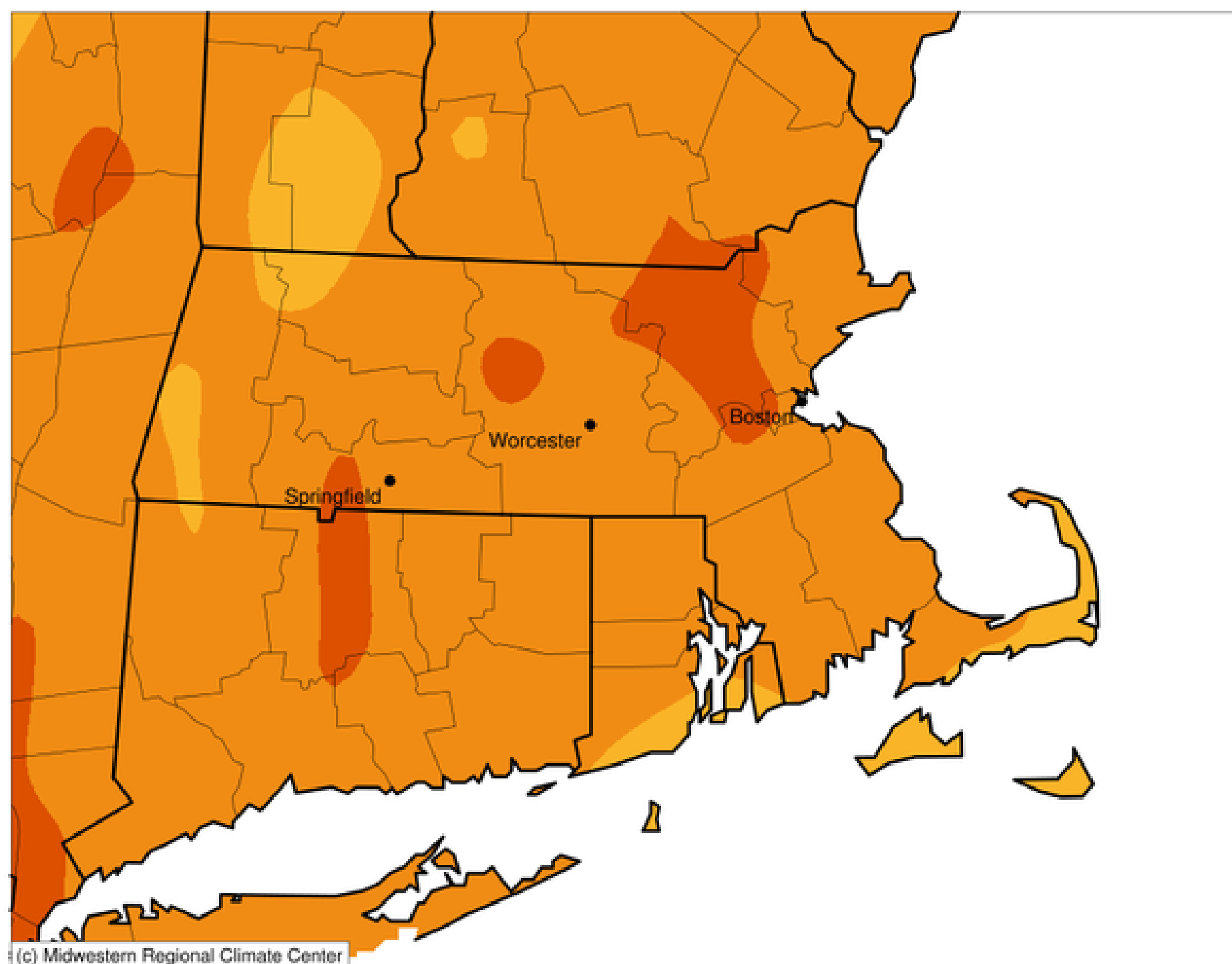
High temperatures were slightly above normal across eastern MA.



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Average Maximum Temperature (°F)

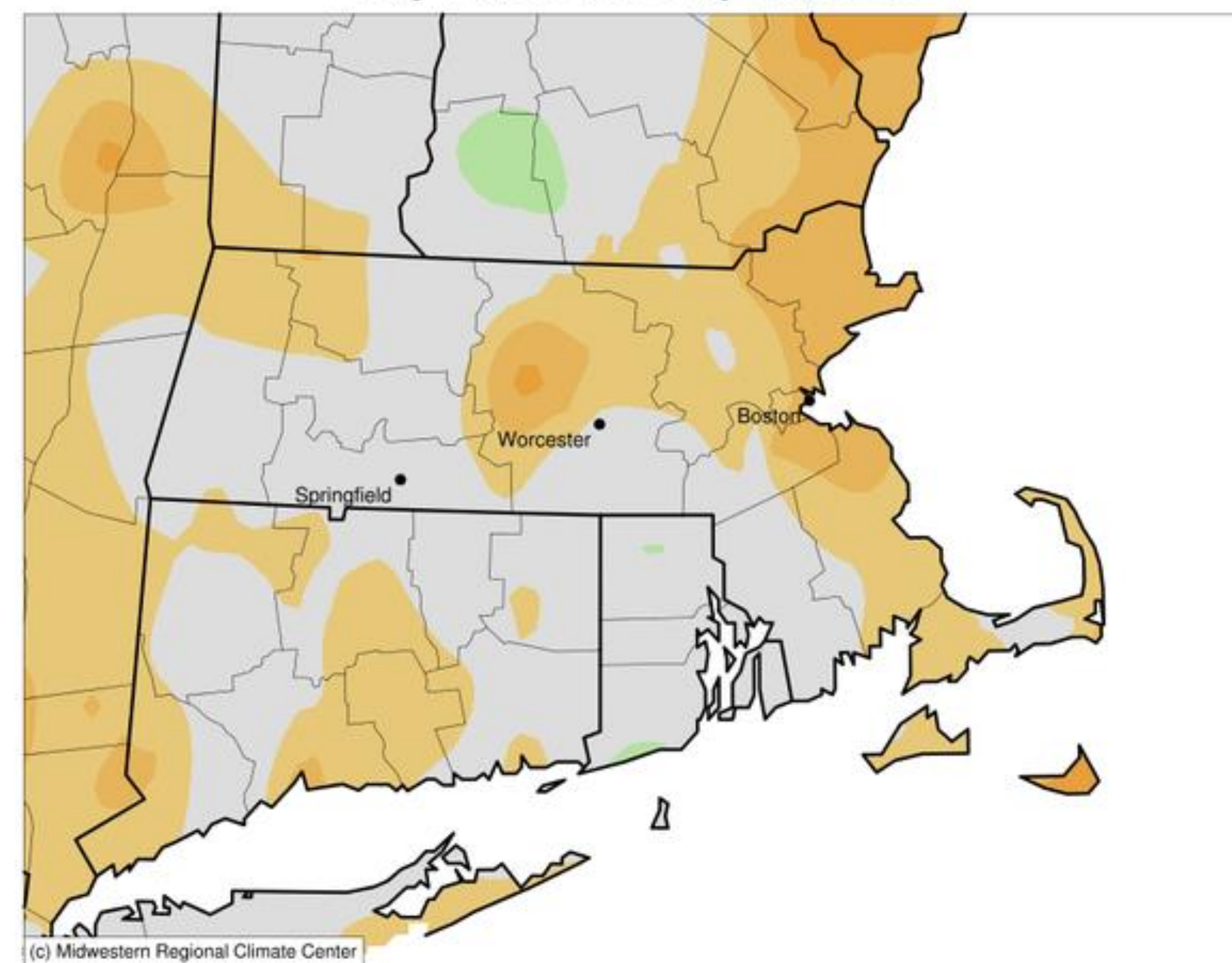
July 01, 2022 to July 20, 2022



65 70 75 80 85 90
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 7/20/2022 1:38:52 AM CDT

Average Maximum Temperature (°F): Departure from 1991-2020 Normals

July 01, 2022 to July 20, 2022



-6 -1 4
Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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Forecast Through 8 pm Wed July 27

Several rainfall chances but better coverage across western zones

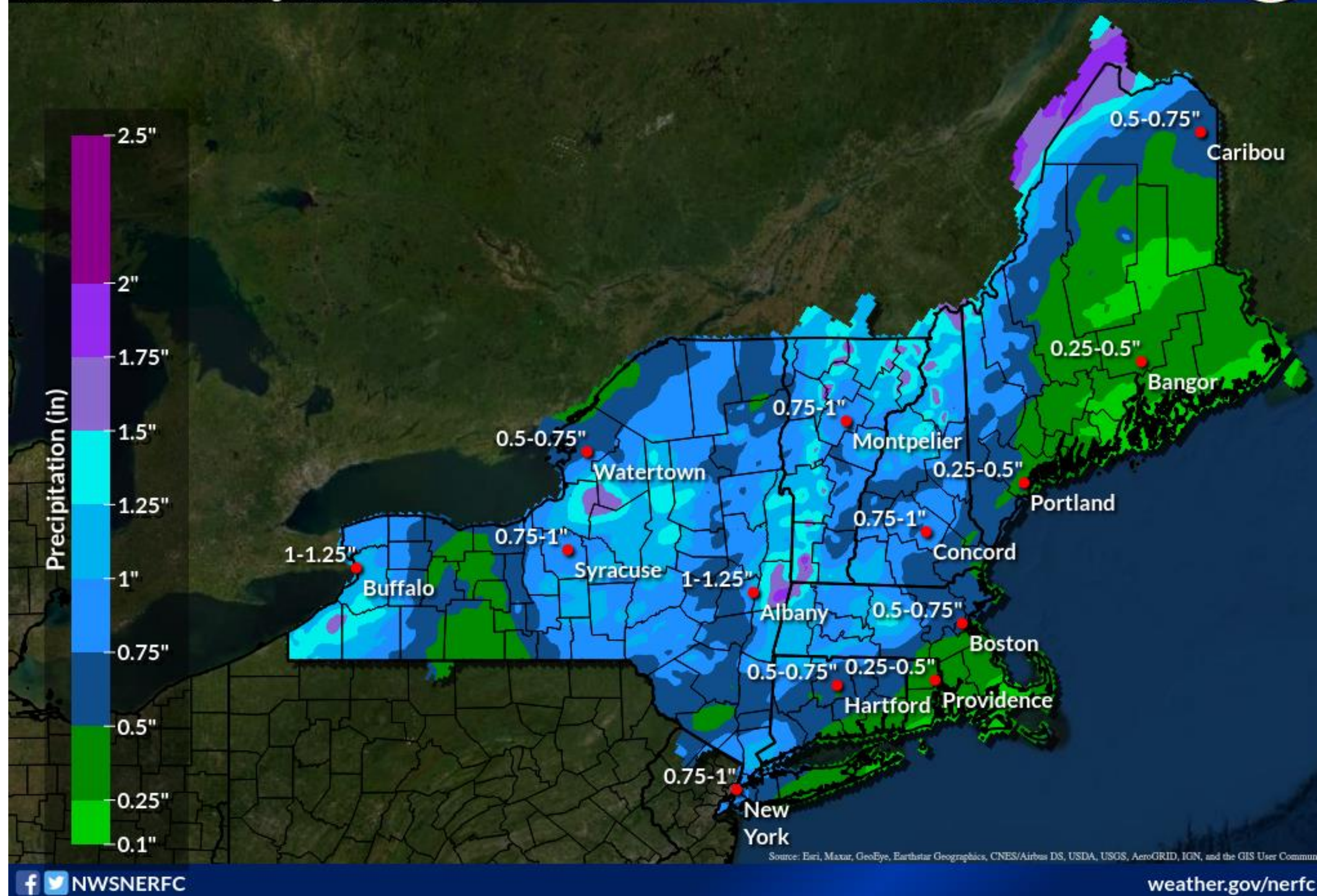


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7 Day WPC Precipitation Forecast

Valid Wed 8:00PM through Wed 8:00PM EDT

River Forecast Center
Northeast RFC
Issued Jul 20, 2022 8:06 PM EDT



Forecast through Wednesday

Several chances for rainfall, with better coverage across western zones

Best chances for rain on Thu and then late Sun into Mon

Heat wave (3 consecutive 90F days) continues through next Mon

Highs in the 90s, except highs cooler in the Berkshires and the Cape/Islands. Outside chance of 100F across Merrimack Valley.

Lows mainly in the upper 60s/lower 70s, except mid 70s over the weekend.

CPC 6-10 Day Outlook

July 25 – July 29, 2022



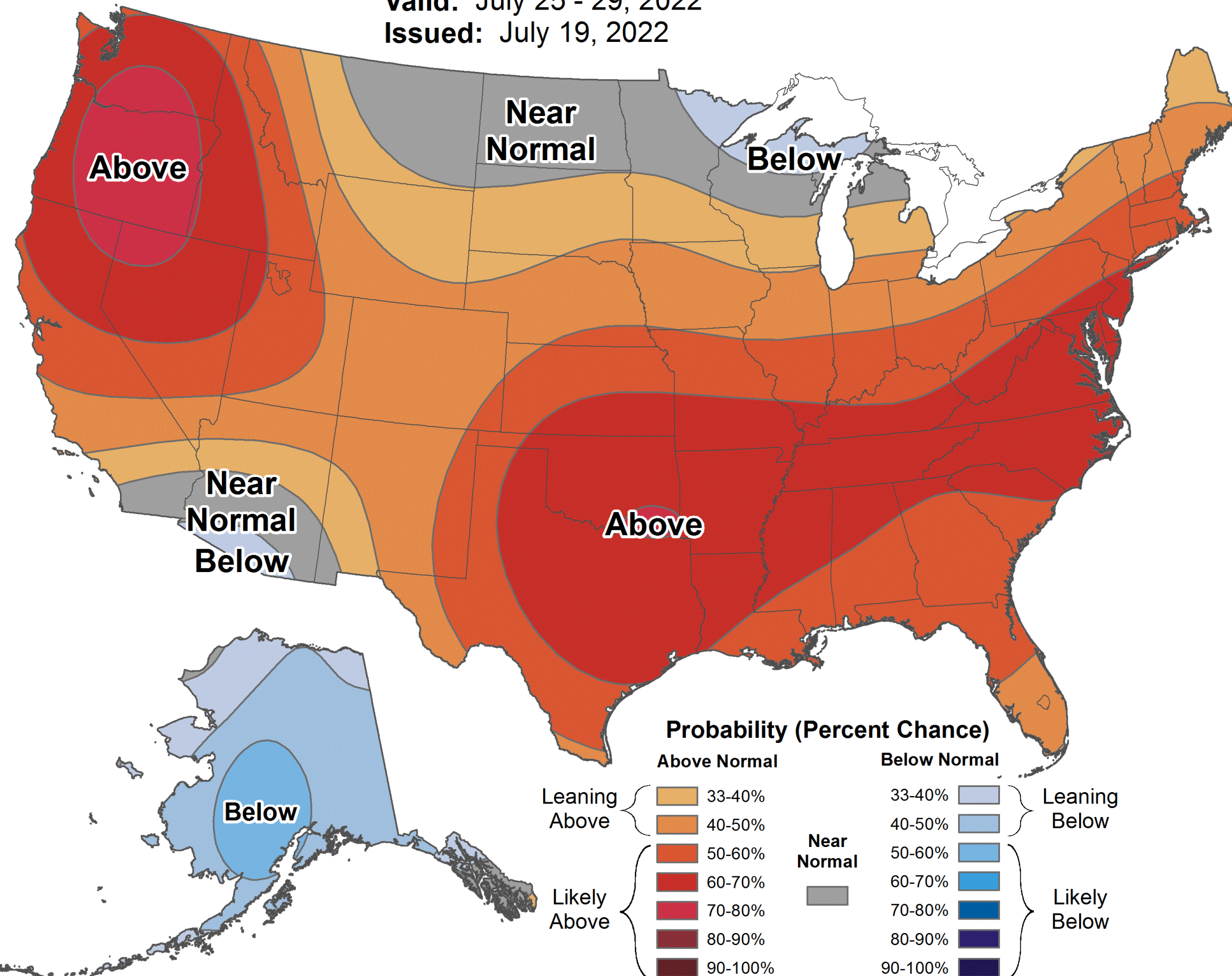
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6-10 Day Temperature Outlook



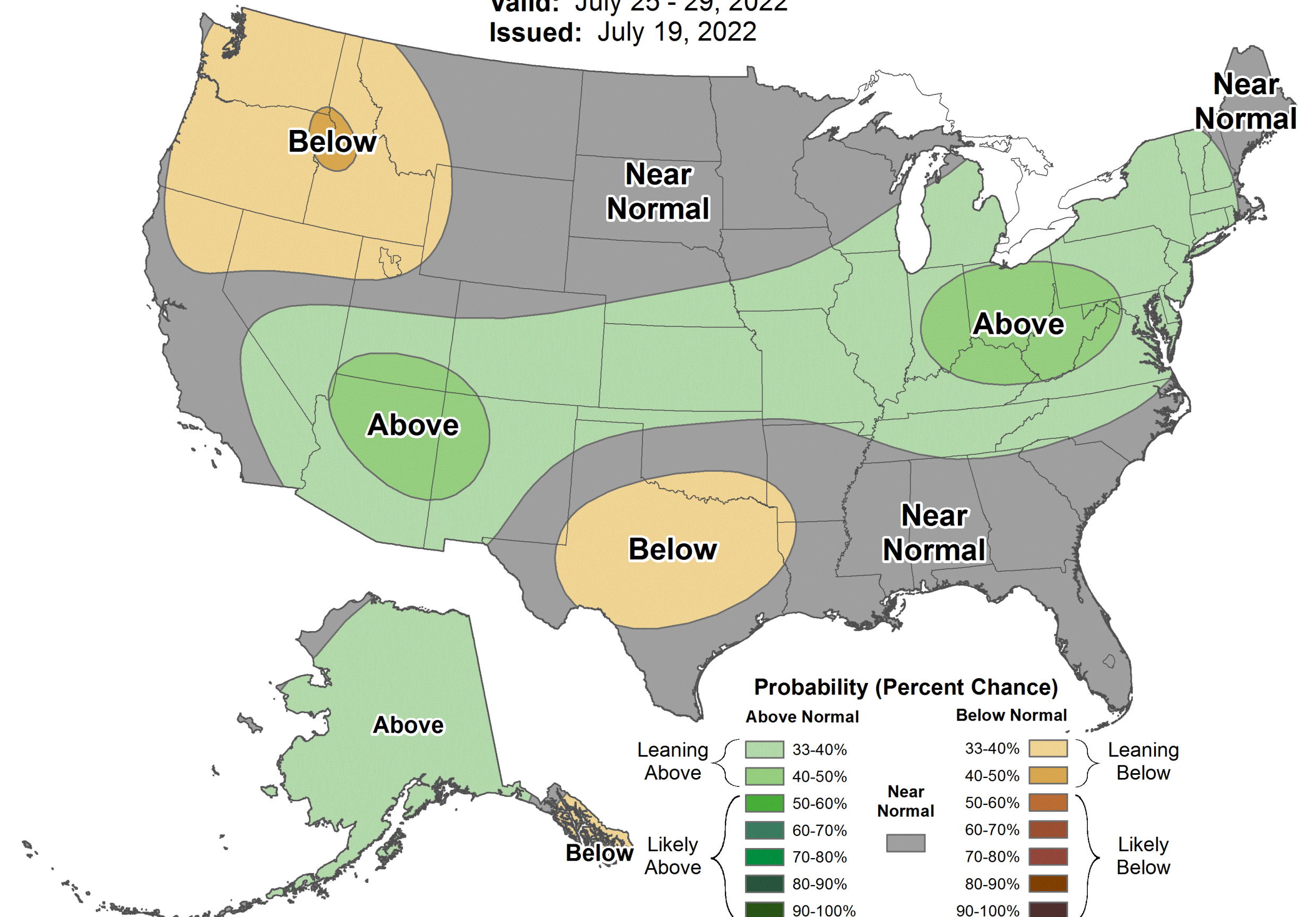
Valid: July 25 - 29, 2022
Issued: July 19, 2022



6-10 Day Precipitation Outlook



Valid: July 25 - 29, 2022
Issued: July 19, 2022



CPC 8-14 Day Outlook

July 27 - Aug 2, 2022



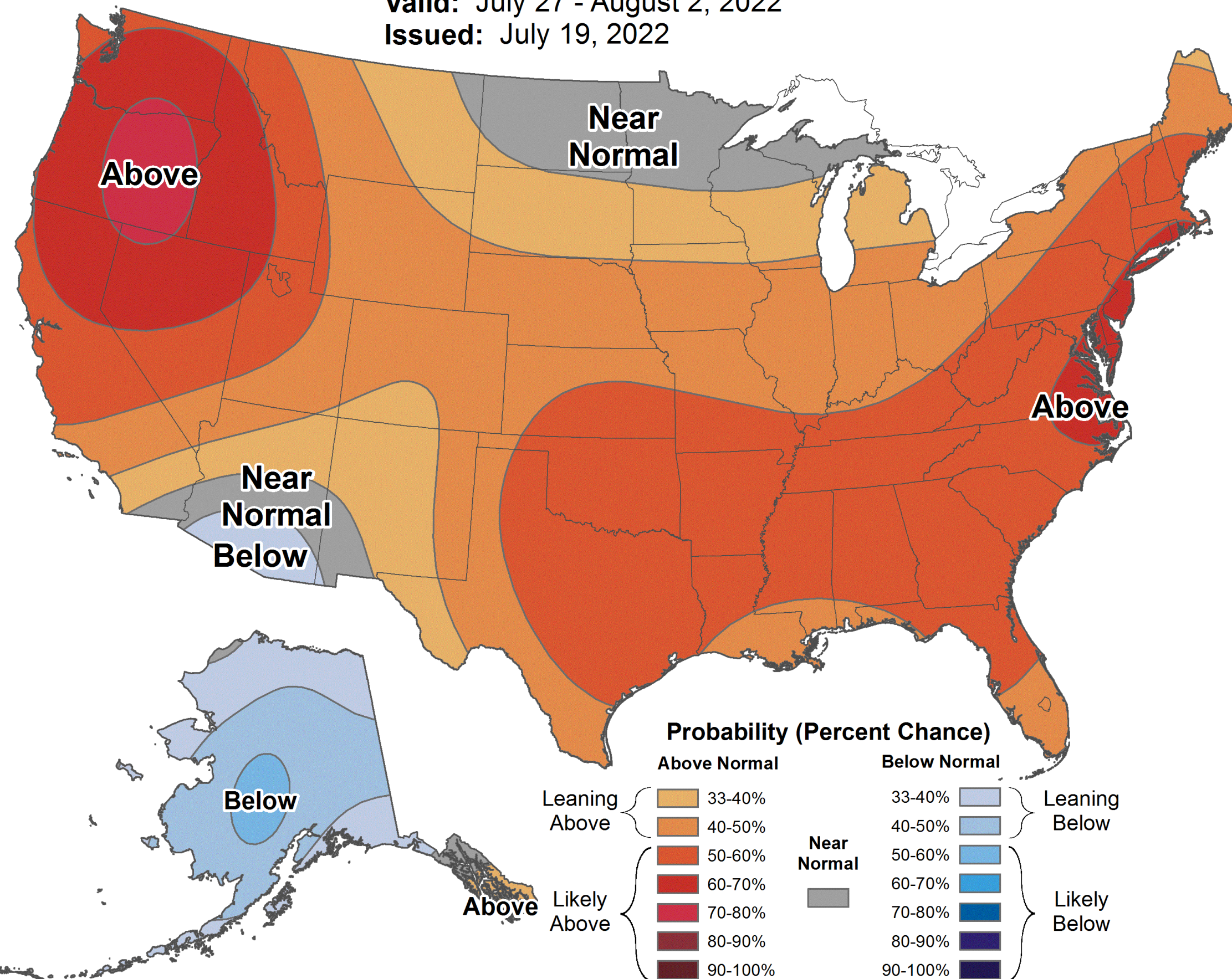
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8-14 Day Temperature Outlook



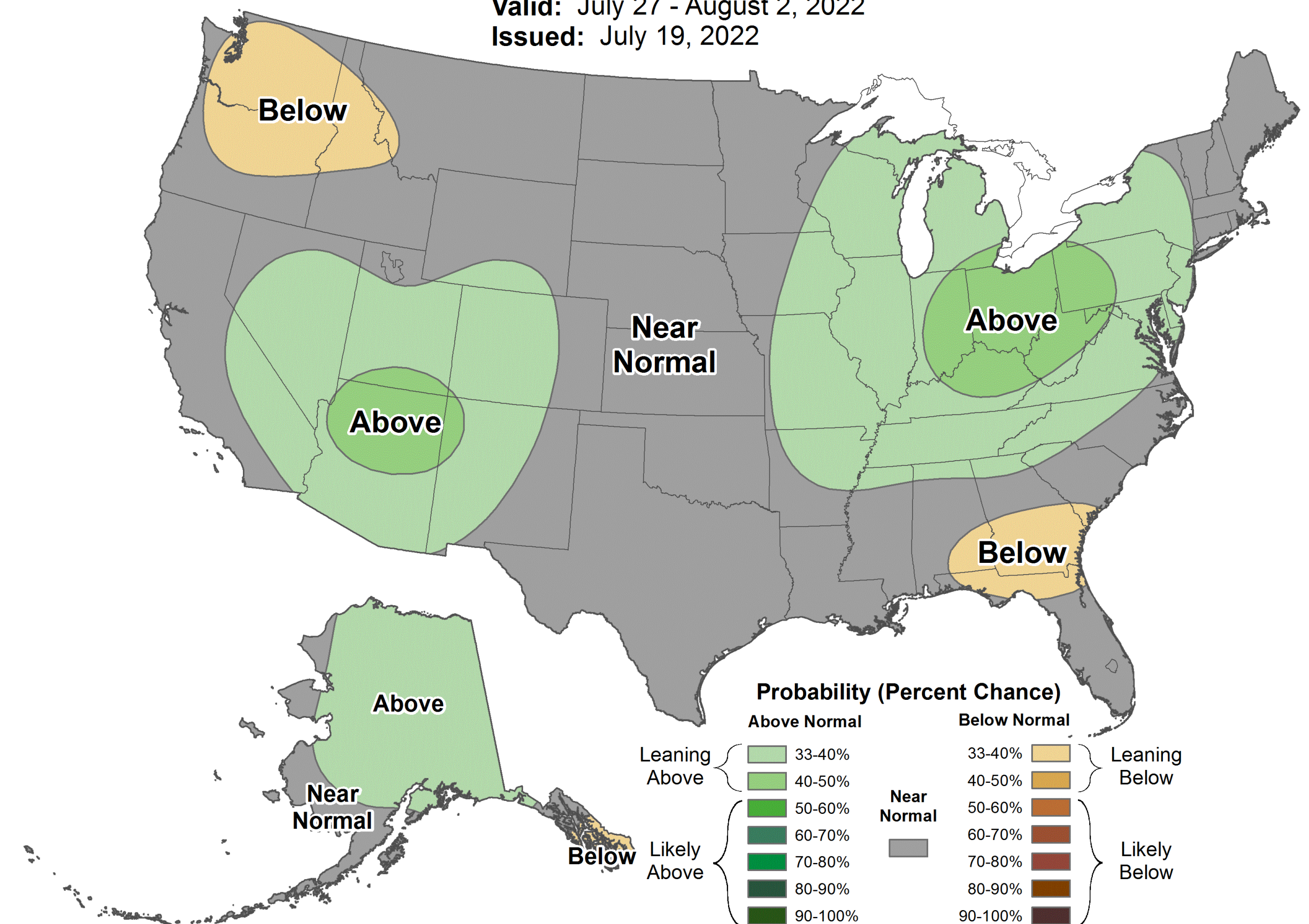
Valid: July 27 - August 2, 2022
Issued: July 19, 2022



8-14 Day Precipitation Outlook



Valid: July 27 - August 2, 2022
Issued: July 19, 2022



CPC Outlook for July/Aug/Sep



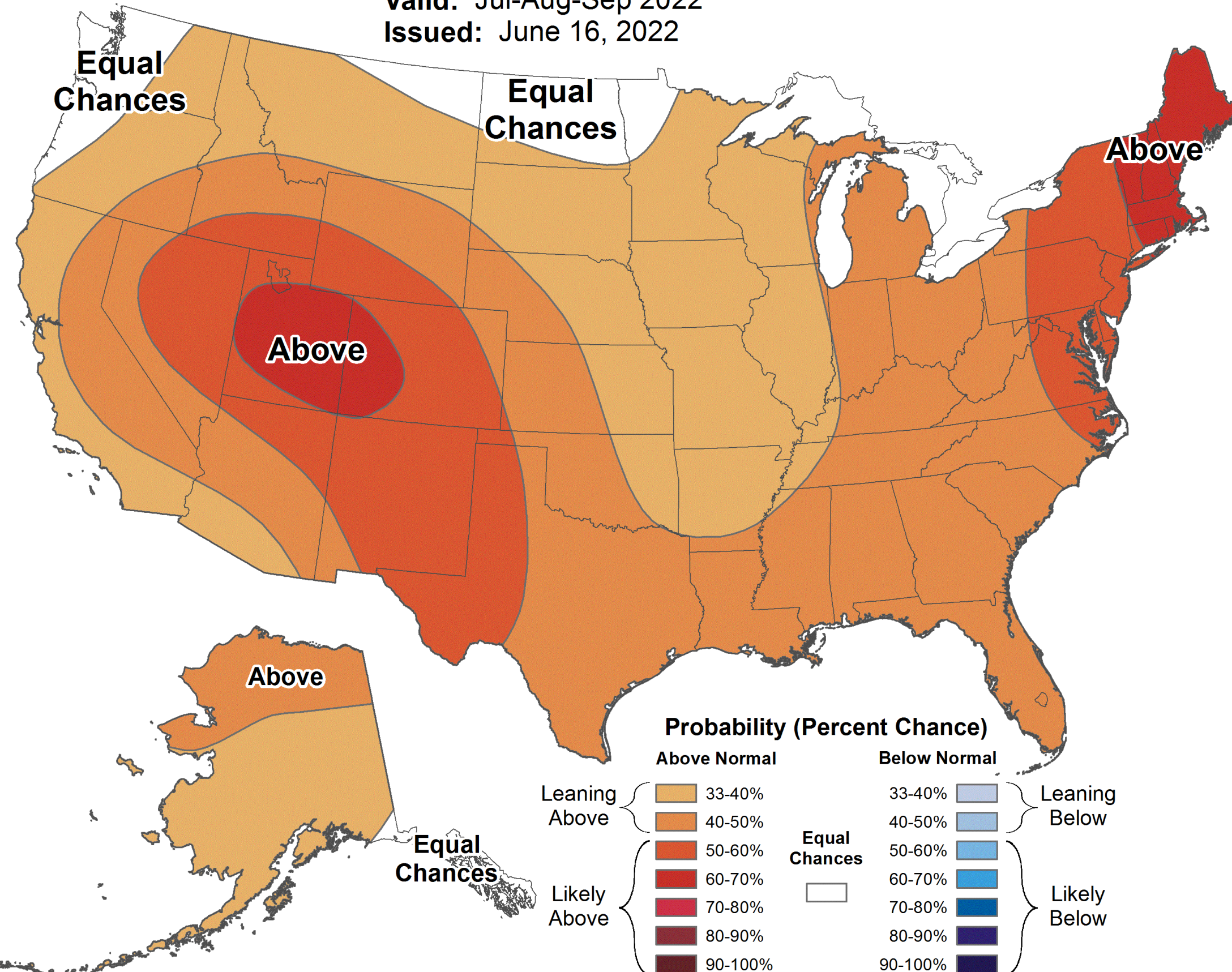
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Seasonal Temperature Outlook



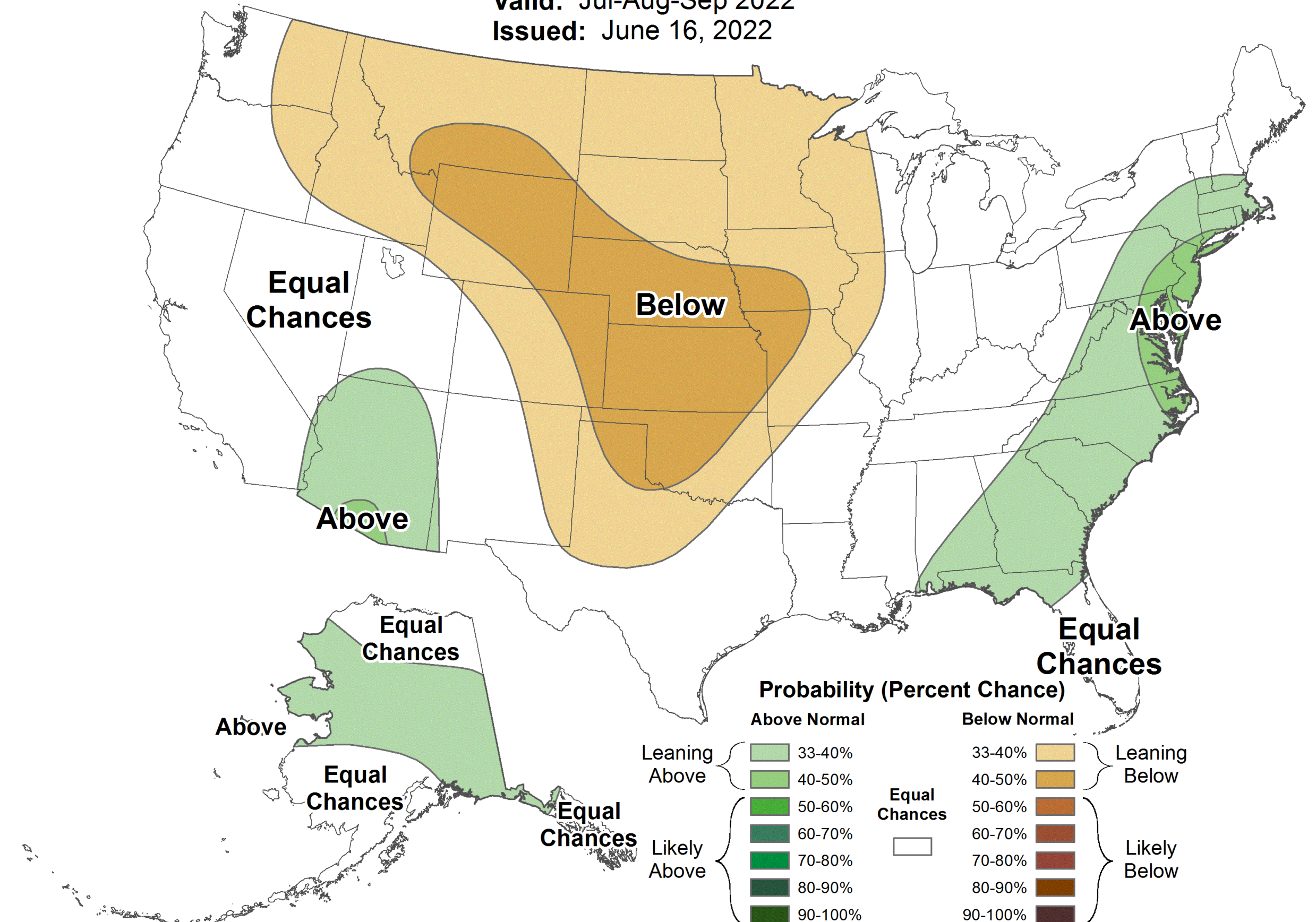
Valid: Jul-Aug-Sep 2022
Issued: June 16, 2022



Seasonal Precipitation Outlook



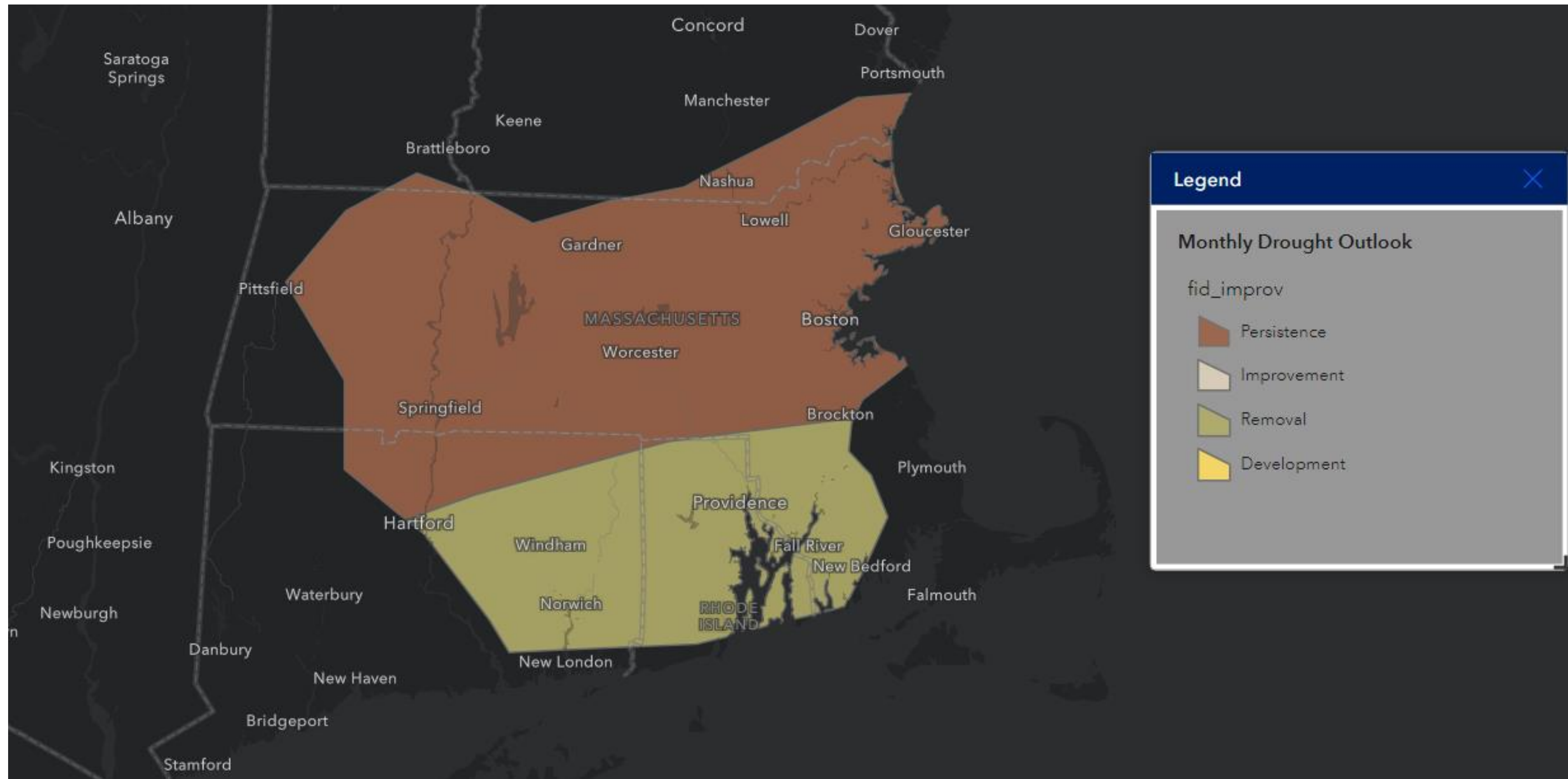
Valid: Jul-Aug-Sep 2022
Issued: June 16, 2022



US Drought Monitor Outlook



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Drought improvement/removal likely for far southern New England but drought conditions persist across northern half of MA.