



MA Drought Management Task Force NWS Update

Monday August 8 2022

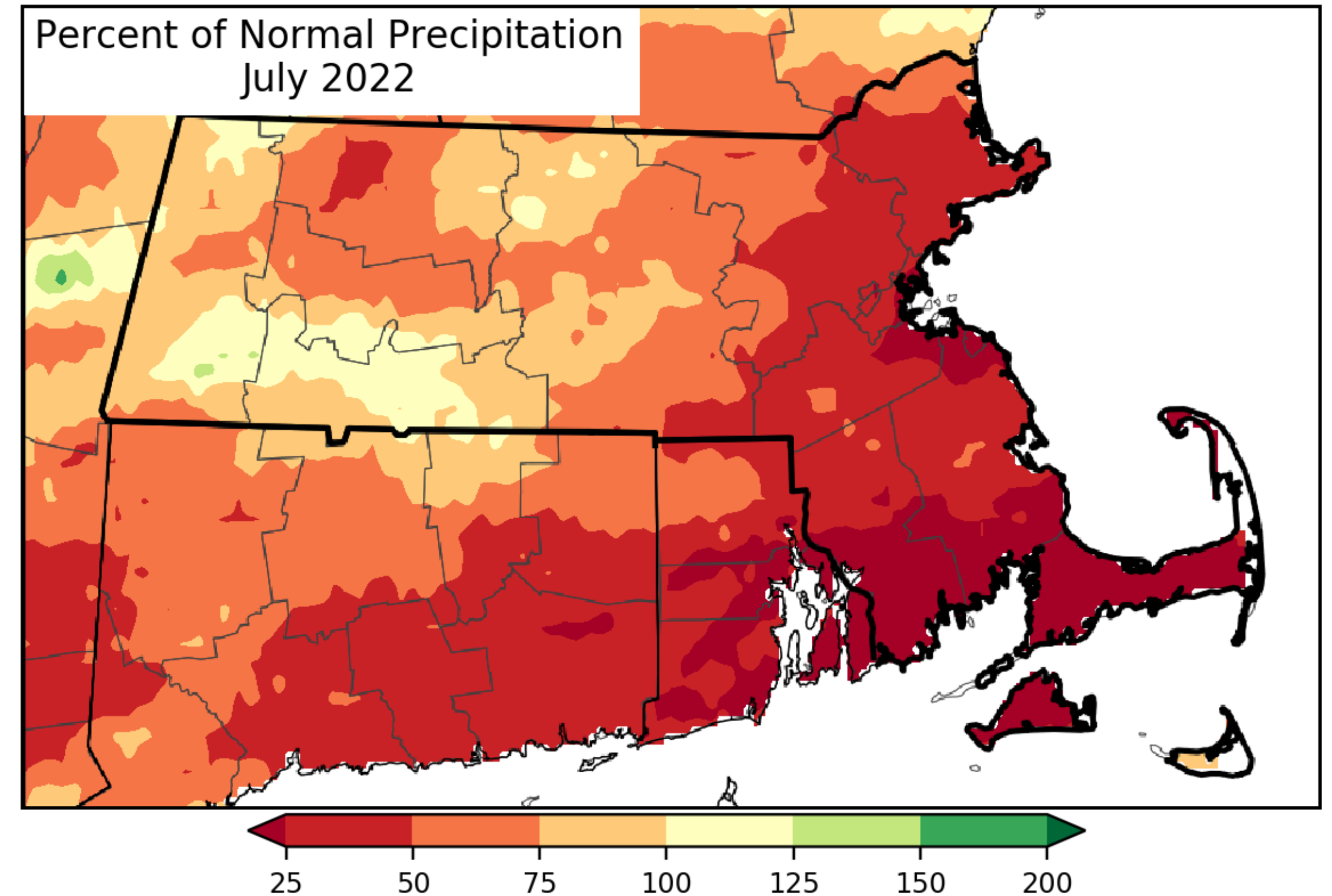
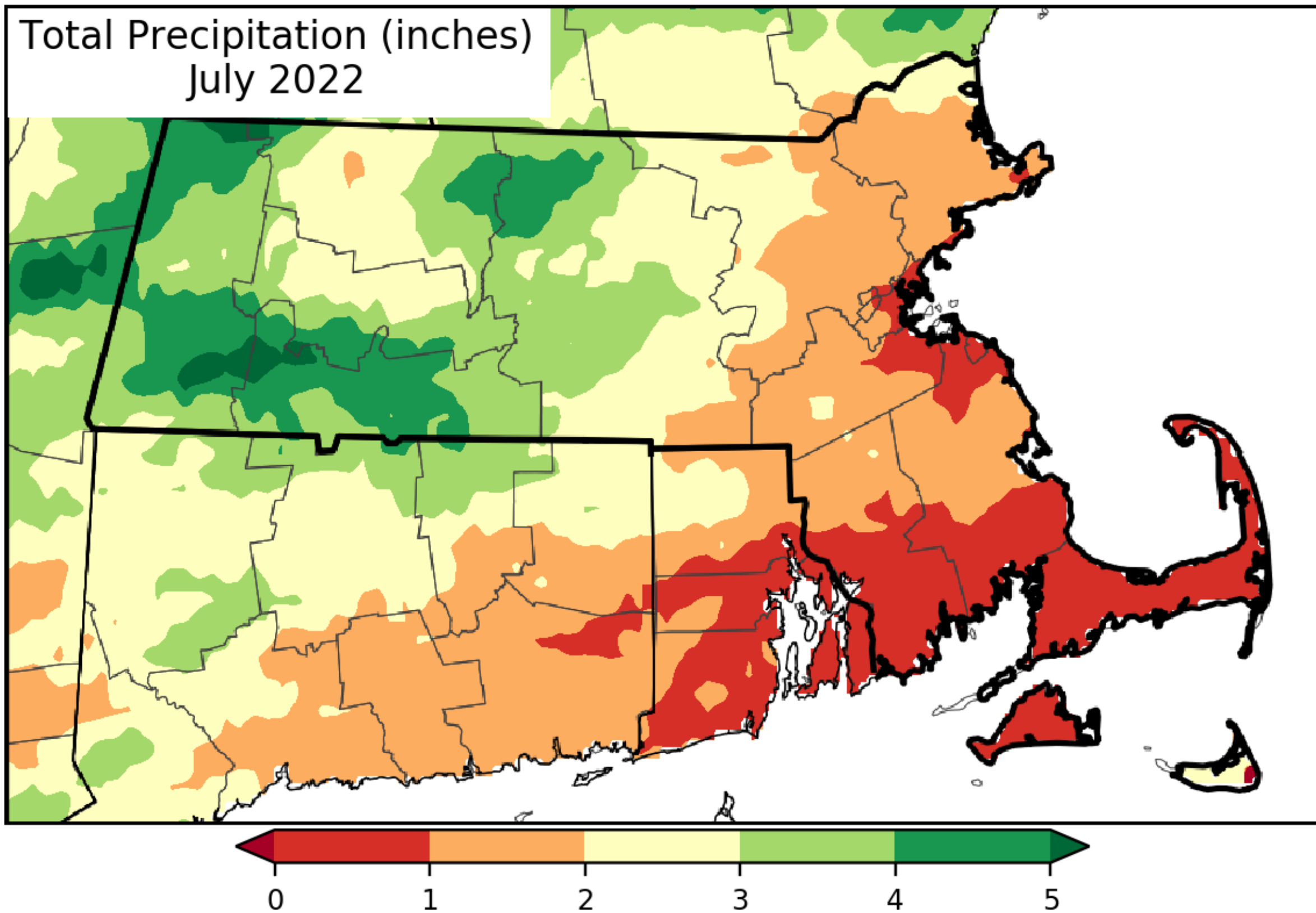
Prepared by: NWS WFO Boston/Norton, MA

July 2022 Precipitation

Driest along Eastern MA, Cape Cod, Martha's Vineyard



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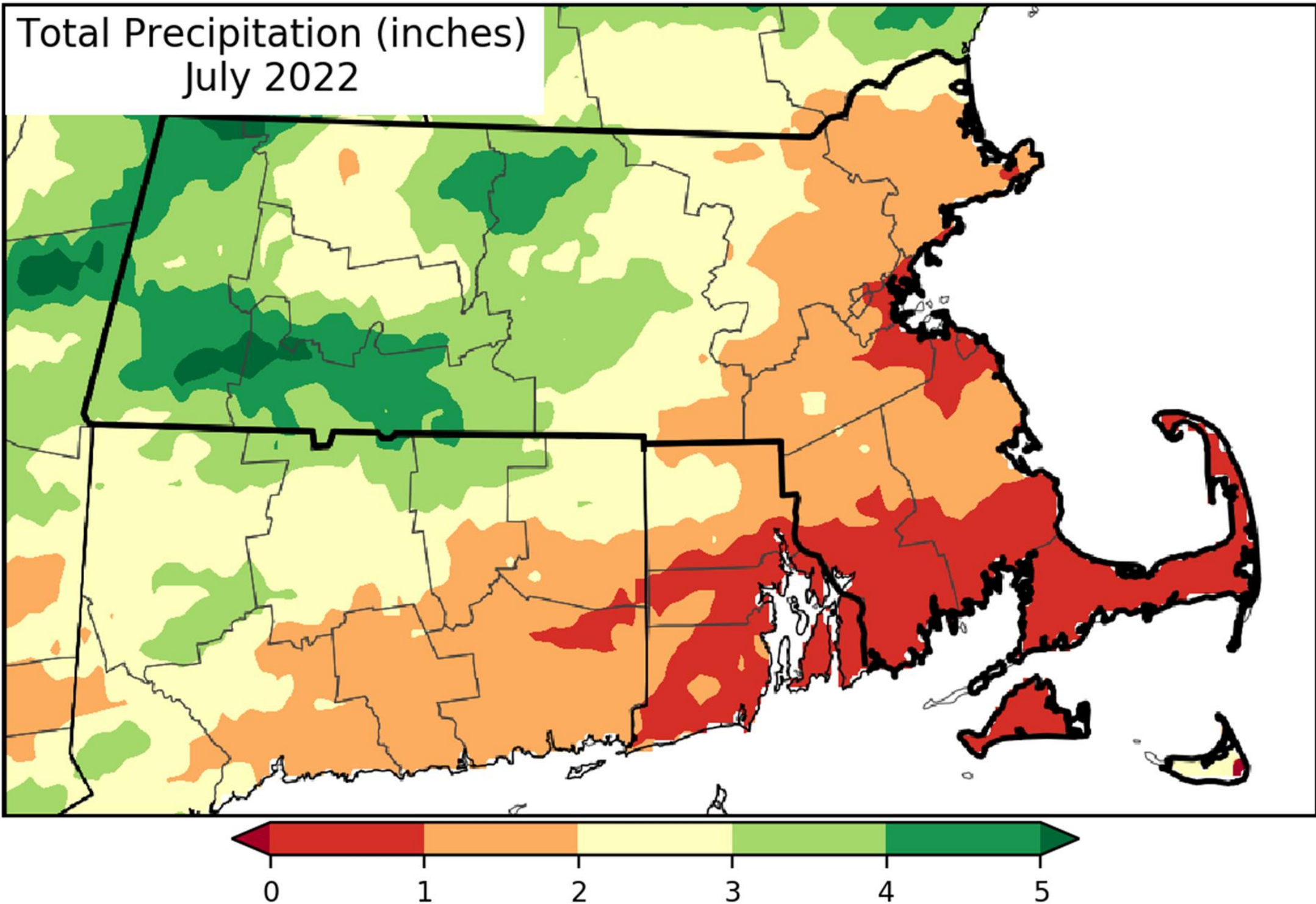


July 2022 Precipitation Rankings



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*All Rankings are Preliminary until
verified by NCEI*



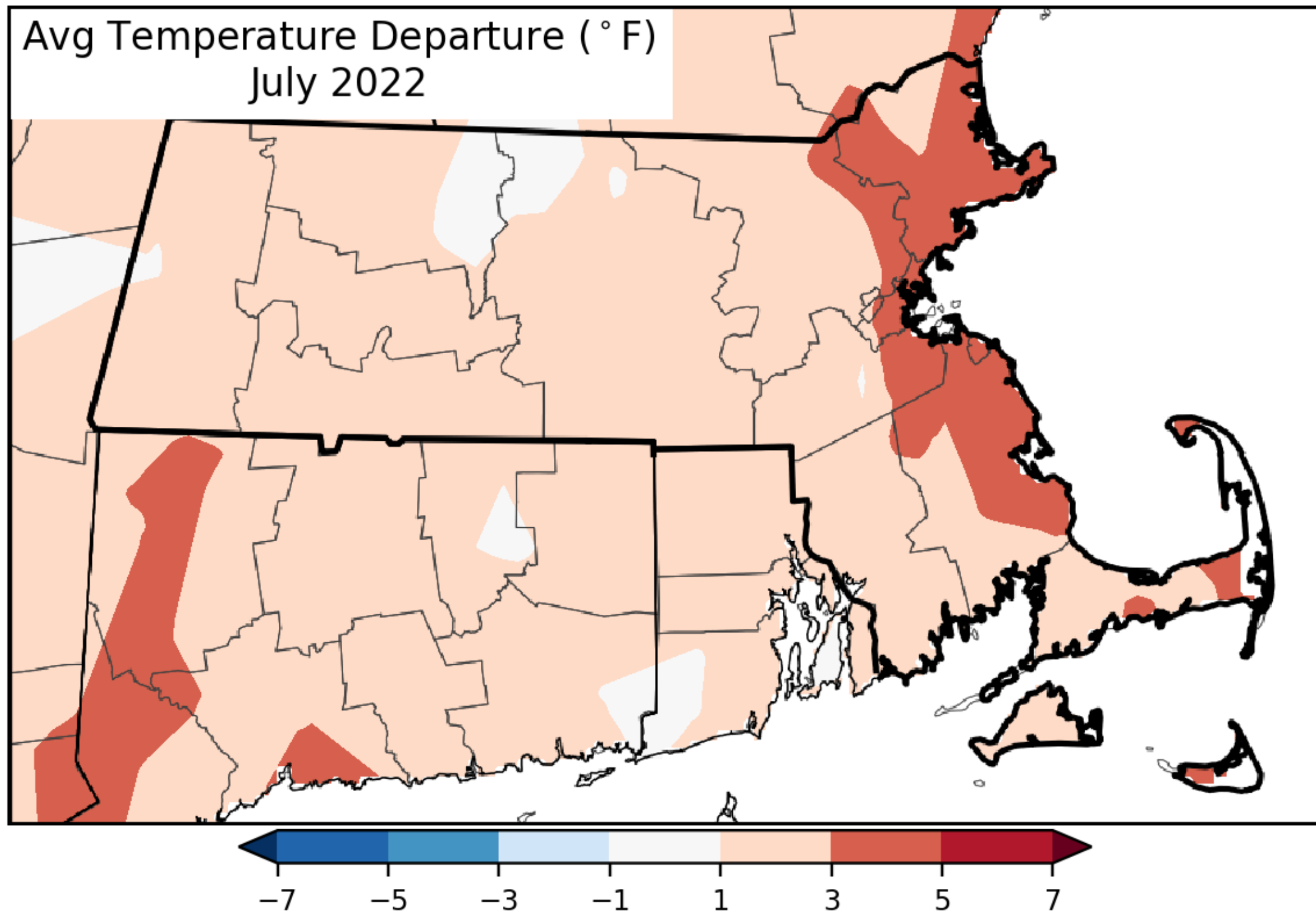
Location	Rainfall	Preliminary Driest July Rankings	Records go back to...	August 1-6 Rain
Boston	0.62	4 th	1872	0.12
Brockton	1.28	14th	1894	0.83
Blue Hill	0.80	4th	1893	NA
Lawrence	1.98	Not in top 20	1893	NA
Hyannis	0.33	1st	1893	NA
Worcester	3.54	Not in top 20	1892	0.22
Ashburnham	3.84	Not in top 20	1906	0.34
Belchertown	4.20	Not in top 20	1942	0.24
Amherst	2.23	Not in top 20	1893	0.07
Lenoxdale	3.59	Missing 5 days	1996	NA

July 2022 Temperatures

Above normal, *especially* East Coastal MA



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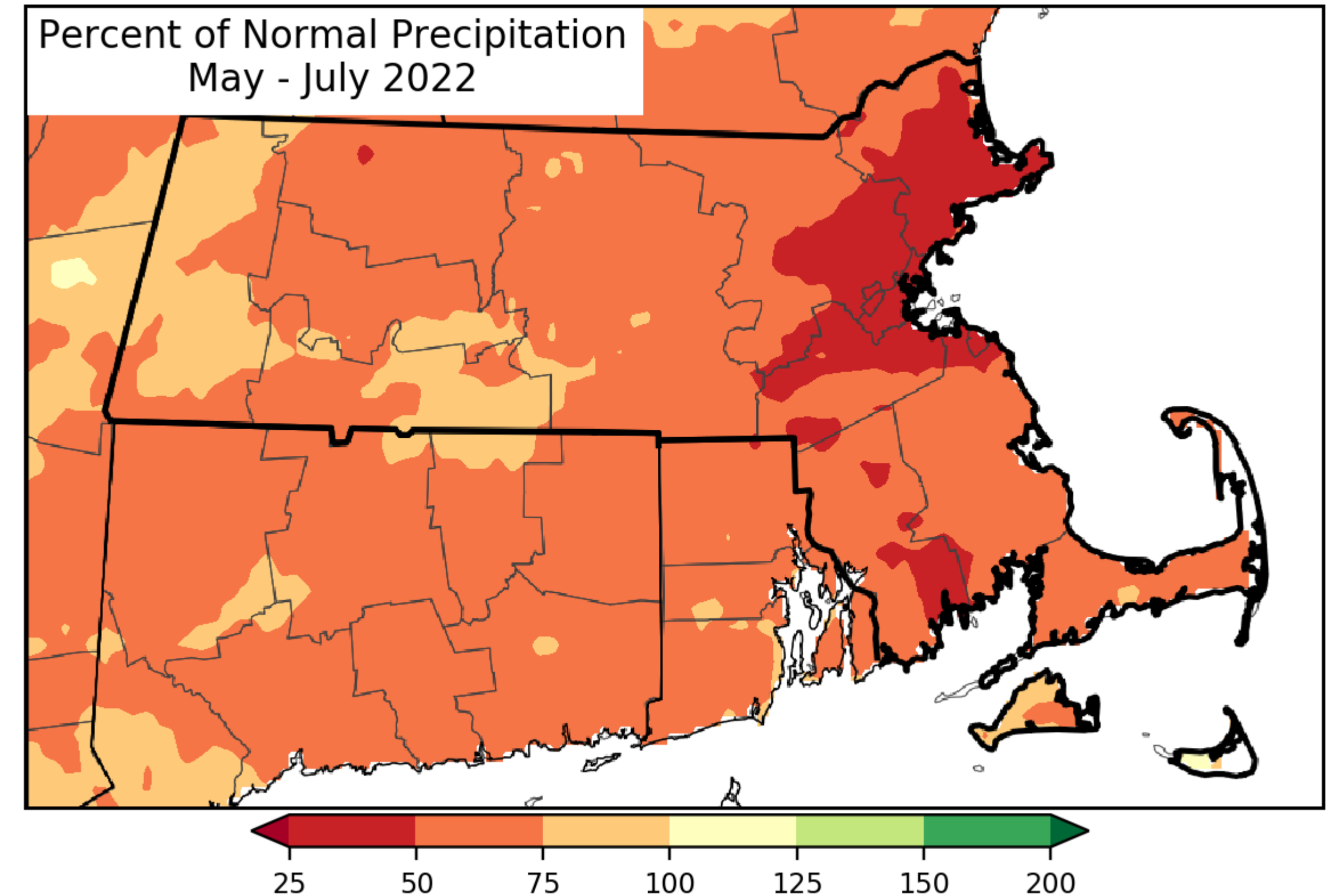
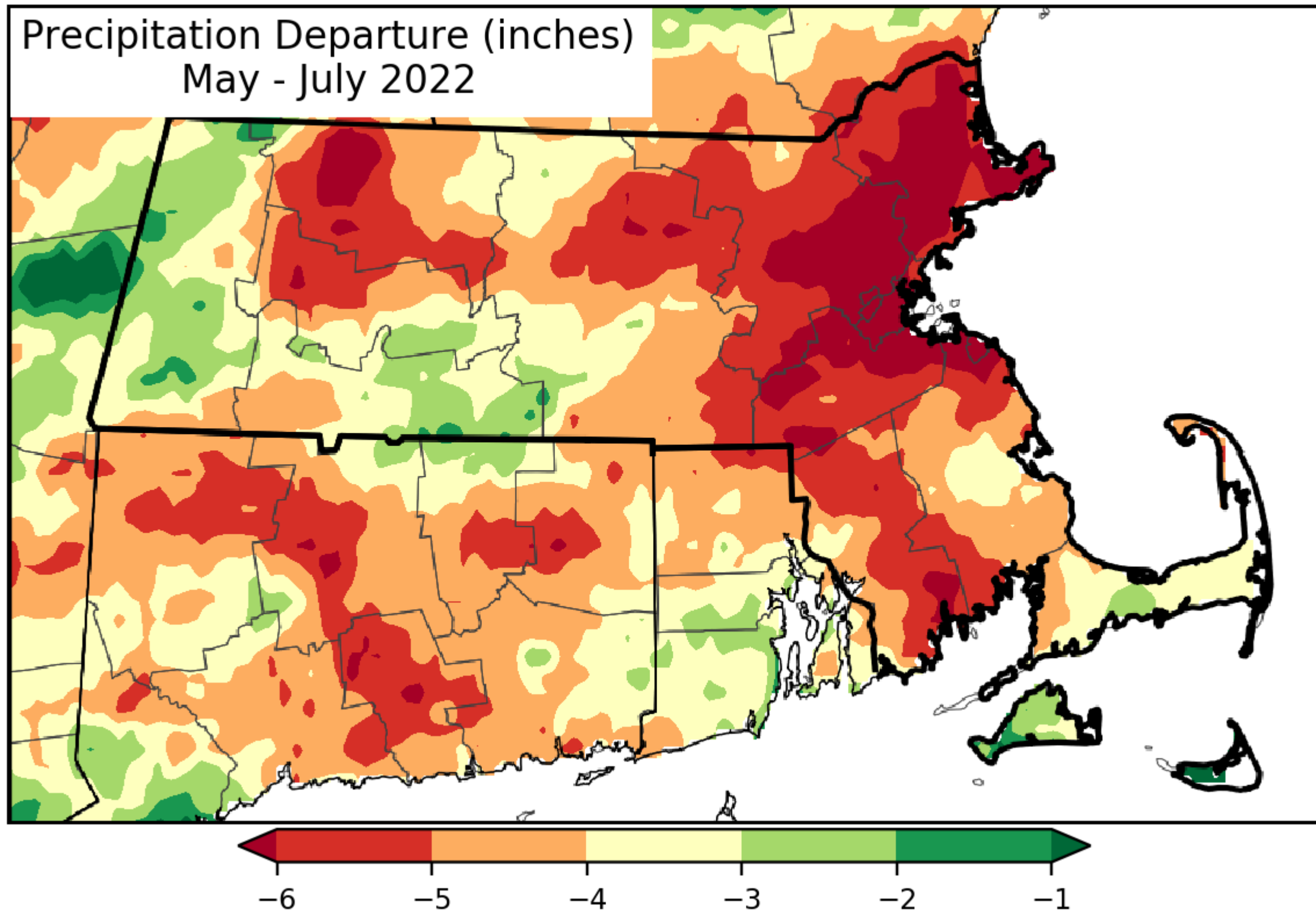
Location	Preliminary Warmest July Rankings	Records go back to...	Comments
Boston	3rd	1872	
Brockton	2nd	1894	
Blue Hill	Top	1893	Also Warmest Month on Record
Lawrence	Top	1893	Also Warmest Month on Record
Hyannis	6th	1893	
Worcester	15th	1892	
Ashburnham	13th	1906	Approximate
Belchertown	11th	1942	
Amherst	Not in top 20	1893	
Lenoxdale	11th	1996	

May-Jul Deficit & Percent Normal Rain

Driest eastern MA and into the Route 2 Corridor, continuation from June



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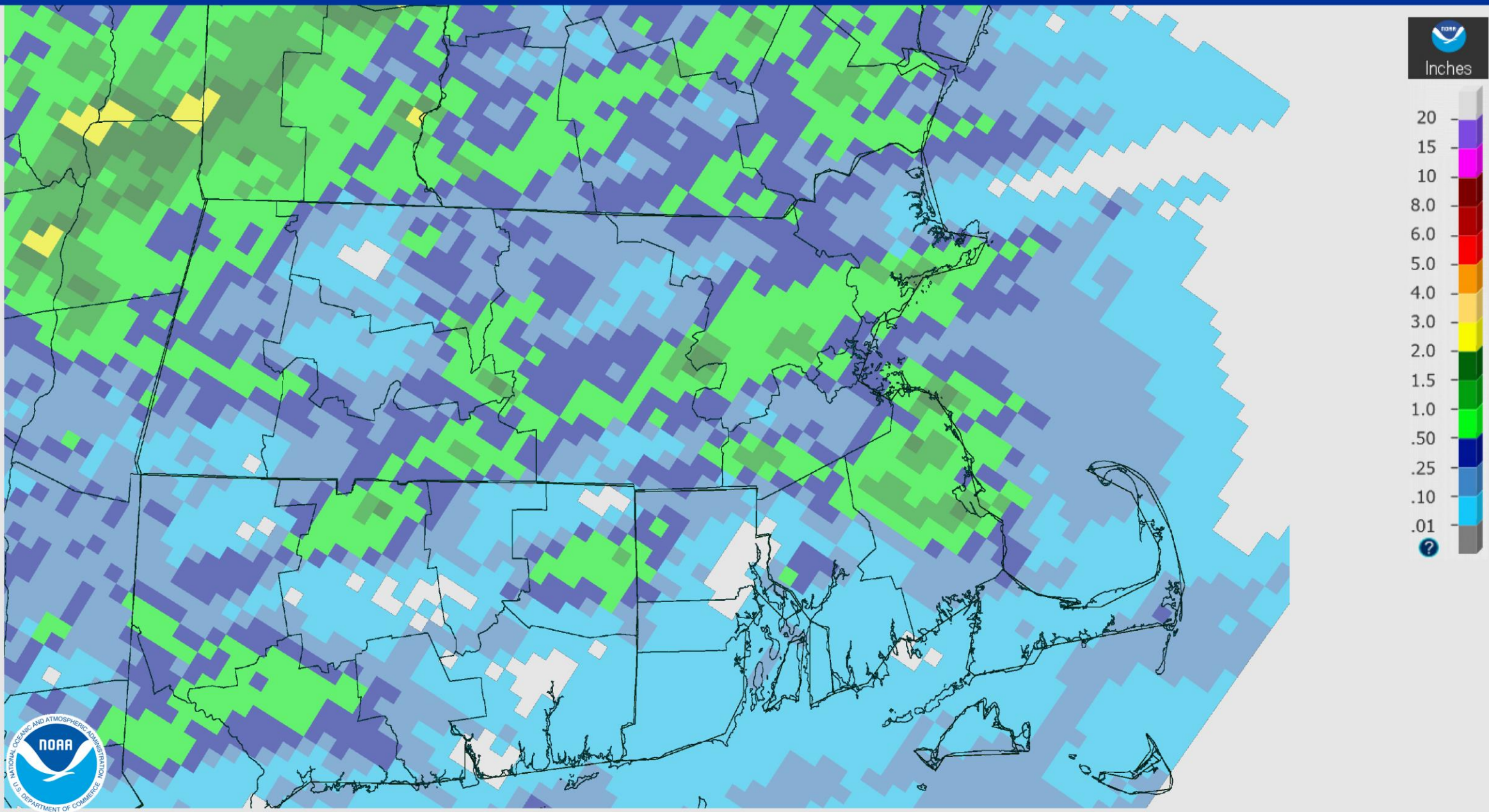
August Month-To-Date Rainfall



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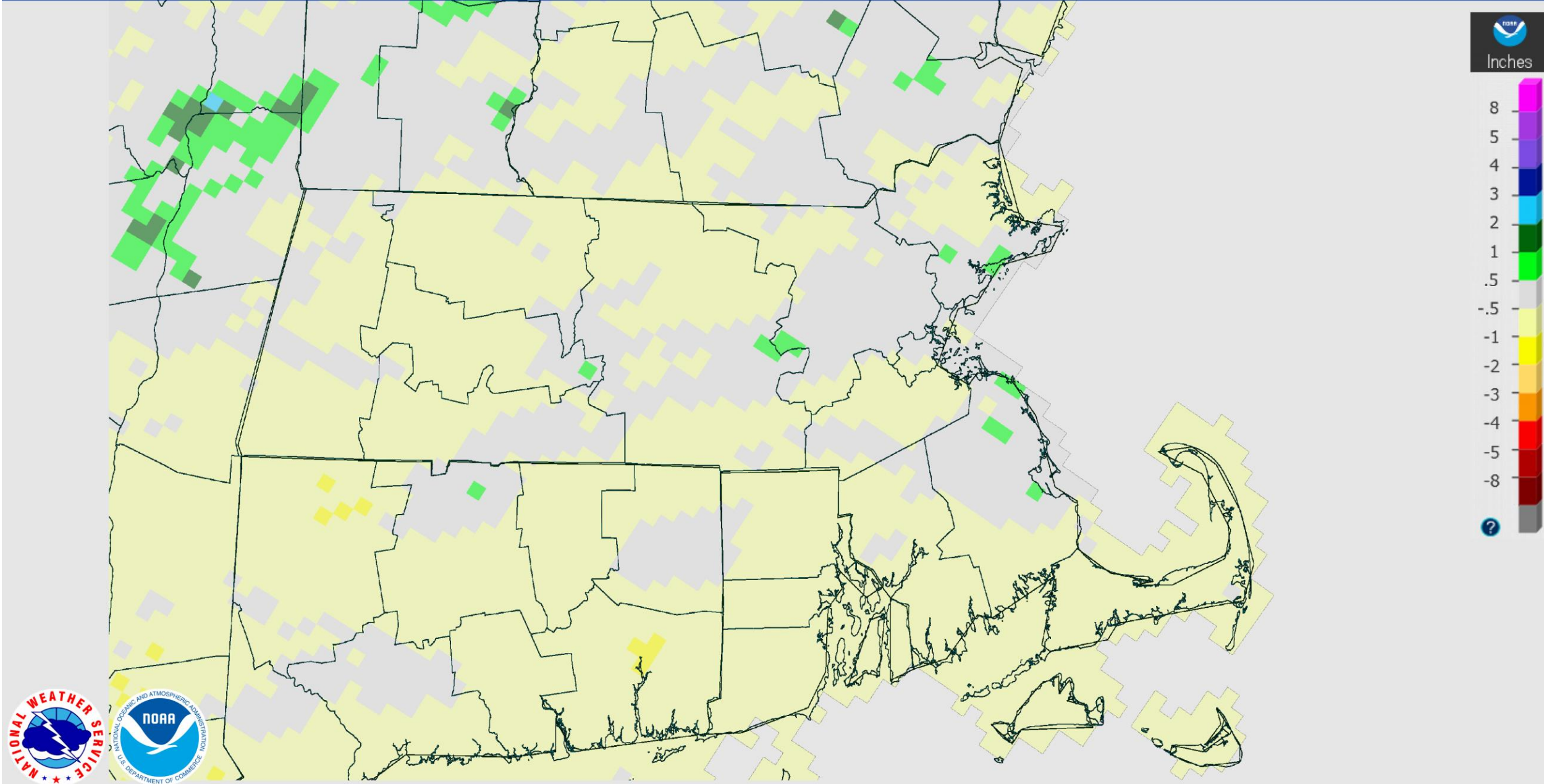
August 08, 2022 Month to Date Observed Precipitation

Created on: August 08, 2022 - 19:55 UTC
Valid on: August 08, 2022 12:00 UTC



August 08, 2022 Month to Date Departure Precipitation

Created on: August 08, 2022 - 19:57 UTC
Valid on: August 08, 2022 12:00 UTC



August 2022 Temperatures So Far

Temperature departures from normal 5-8 deg F month-to-date

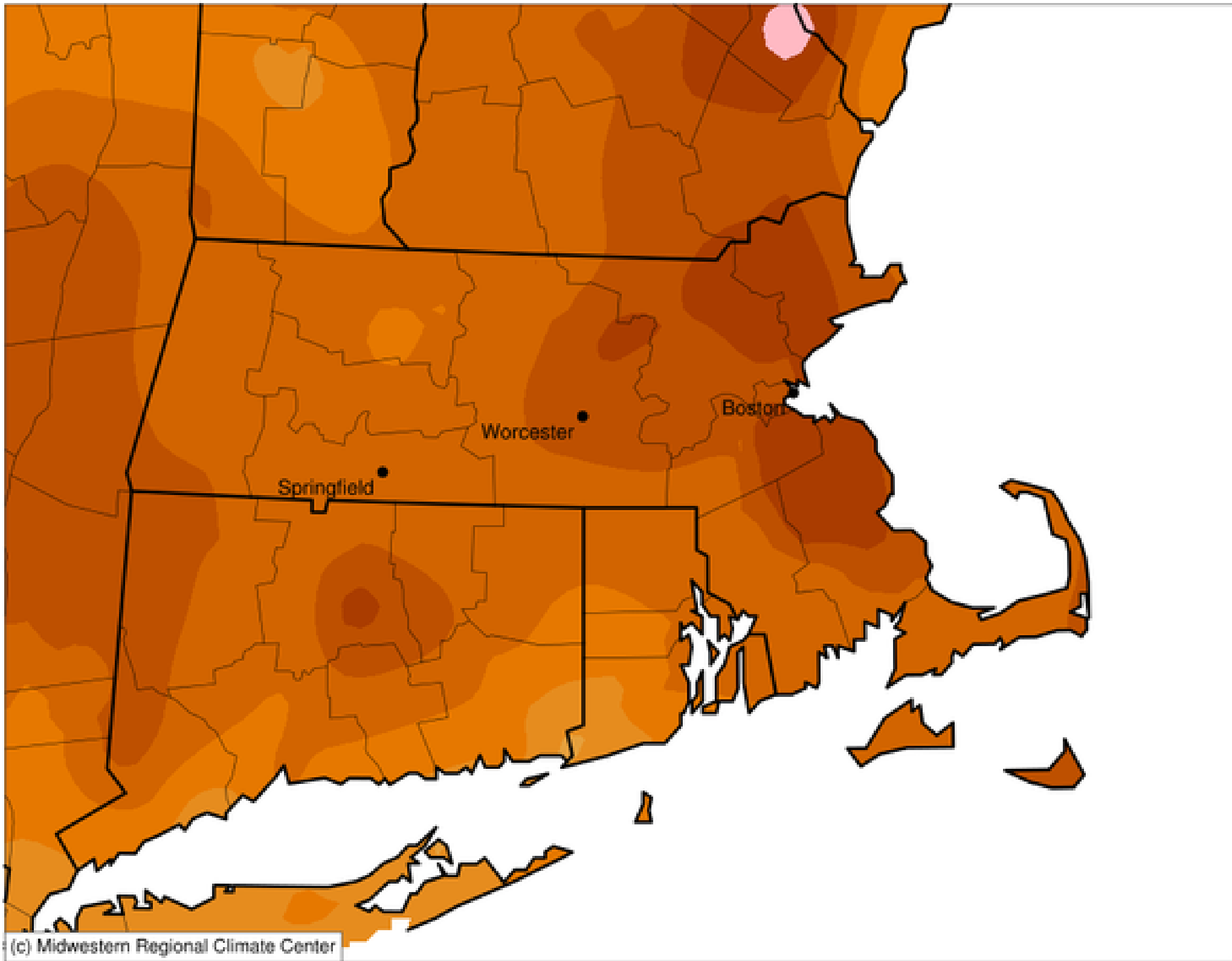


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Average Temperature (°F): Departure from 1991-2020 Normals

August 01, 2022 to August 08, 2022



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: 8/8/2022 7:19:15 AM CDT

Location	Preliminary Warmest July Rankings	Preliminary: Average Daily Temperature-July	Preliminary: Average Daily Temperature-August 1-7
Boston	3rd	77.5	81.8
Worcester	15th	73.3	78.4
Amherst	Not in top 10	73.1	77.4

Forecast Through 8 am Monday Aug 15

Possible short-term relief



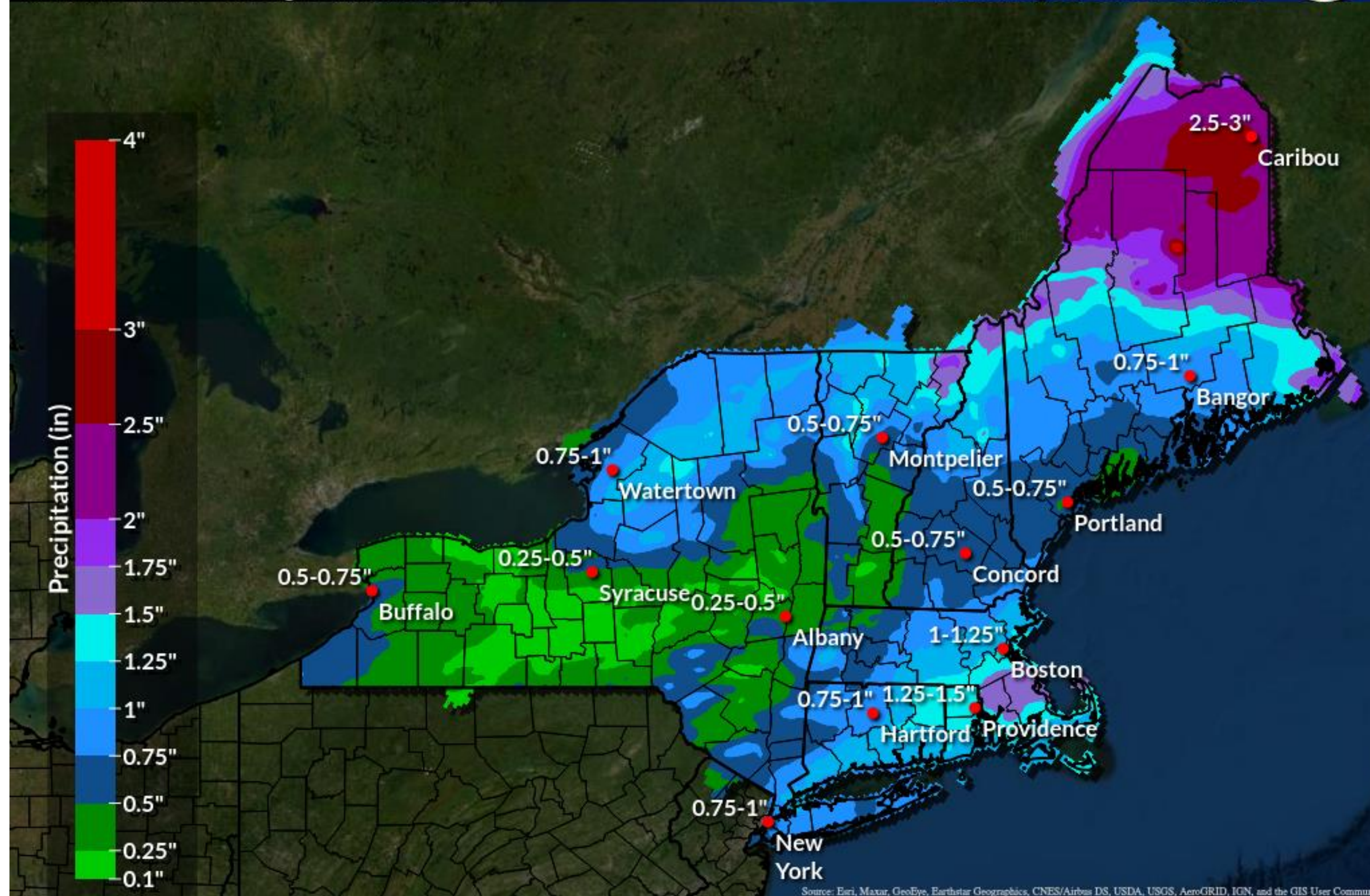
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7 Day WPC Precipitation Forecast

Valid Mon 8:00AM through Mon 8:00AM EDT

River Forecast Center
Northeast RFC

Issued Aug 08, 2022 8:05 AM EDT



f NWSNERFC

weather.gov/nerfc

Forecast through Sunday Night

Heat and humidity continue through Tuesday, then temperatures return to near seasonable levels from Wednesday through this weekend.

Precipitation is forecast to be normal to somewhat above normal, with on and off chances for showers and thunderstorms

Wet weather chances increase for Tue night-Thu, then dry for the weekend.

Wed night-early Thu features a good shot at beneficial rainfall.

CPC 8-14 Day Outlook

August 15-21 2022



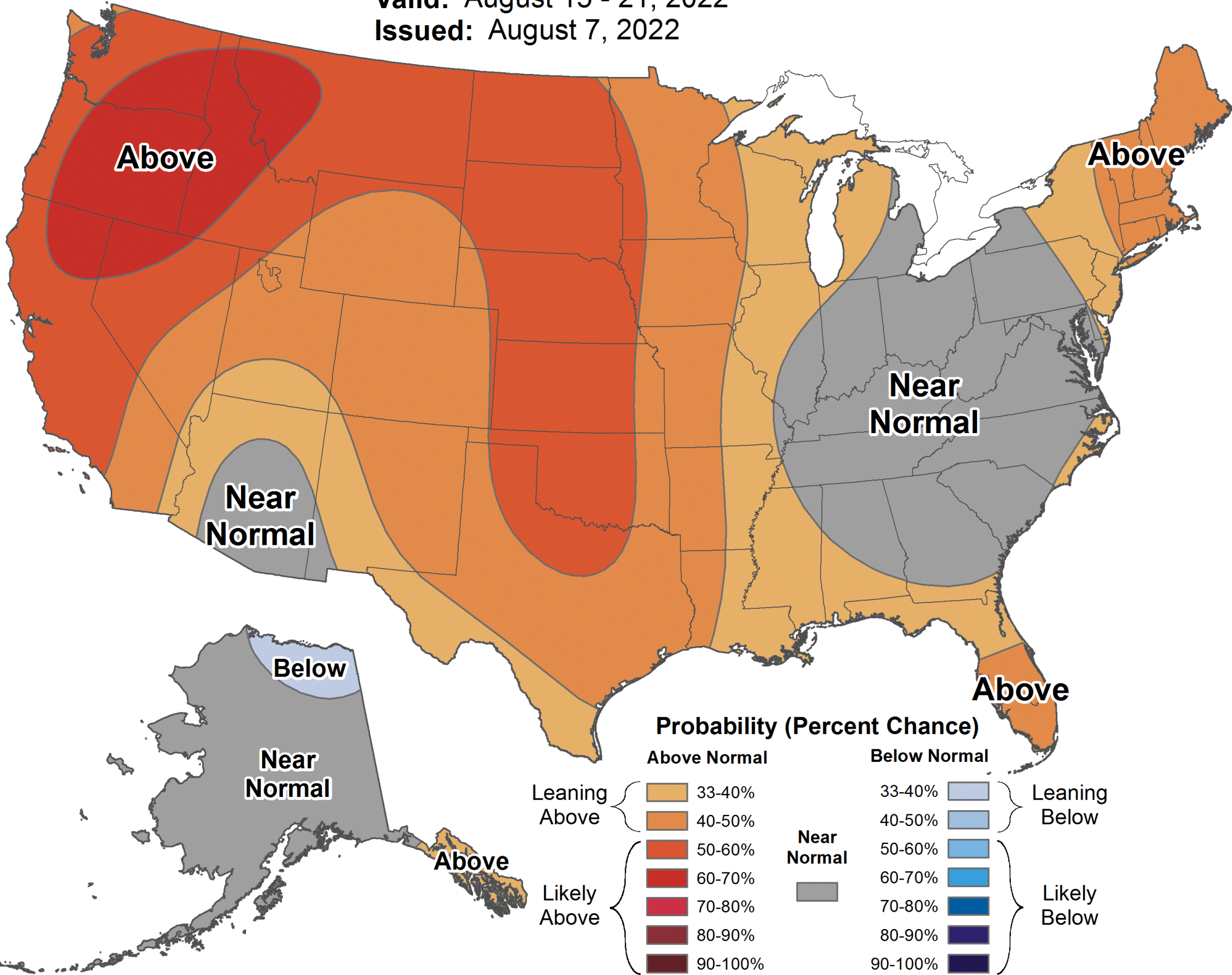
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8-14 Day Temperature Outlook



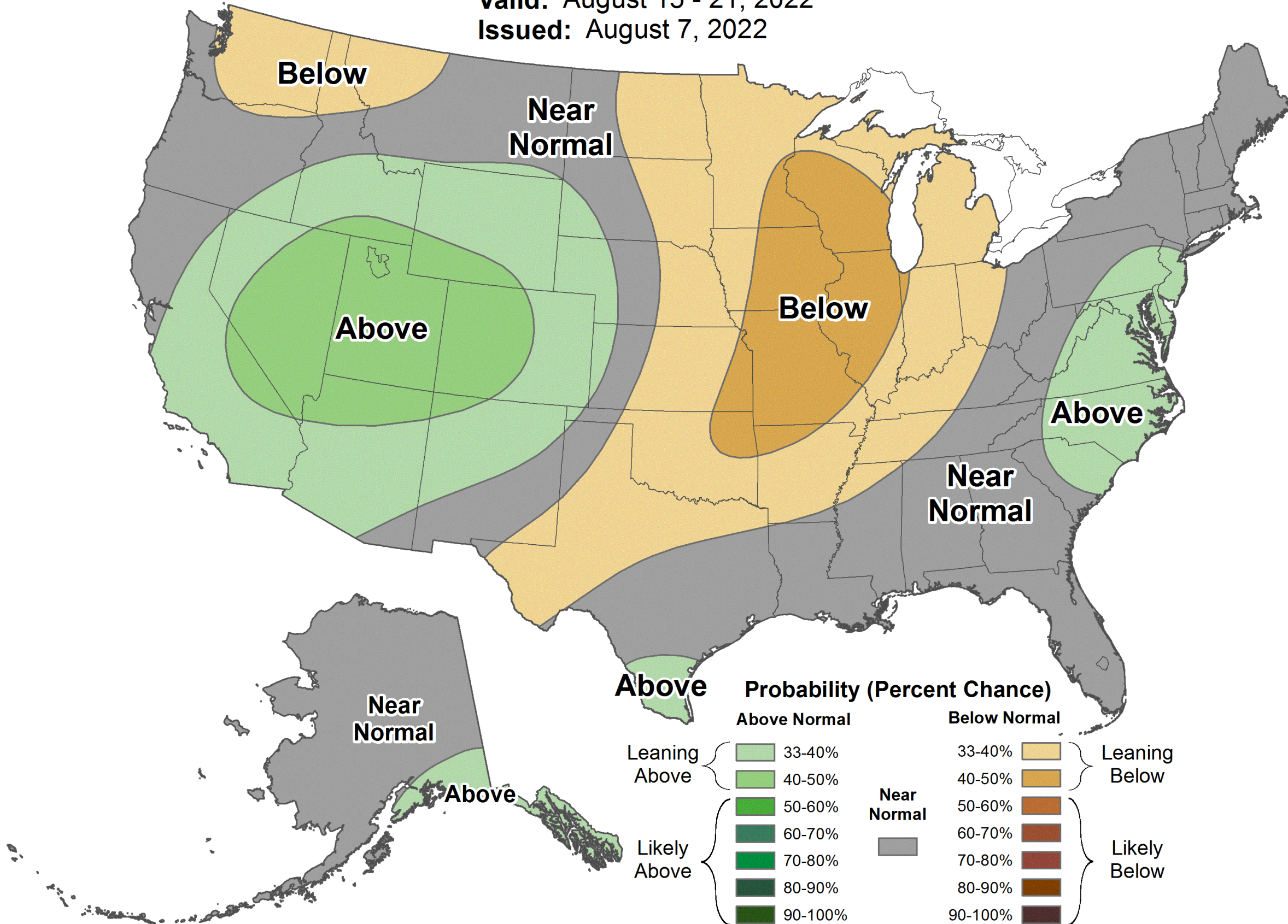
Valid: August 15 - 21, 2022
Issued: August 7, 2022



8-14 Day Precipitation Outlook



Valid: August 15 - 21, 2022
Issued: August 7, 2022



CPC Outlook for Aug/Sep/Oct



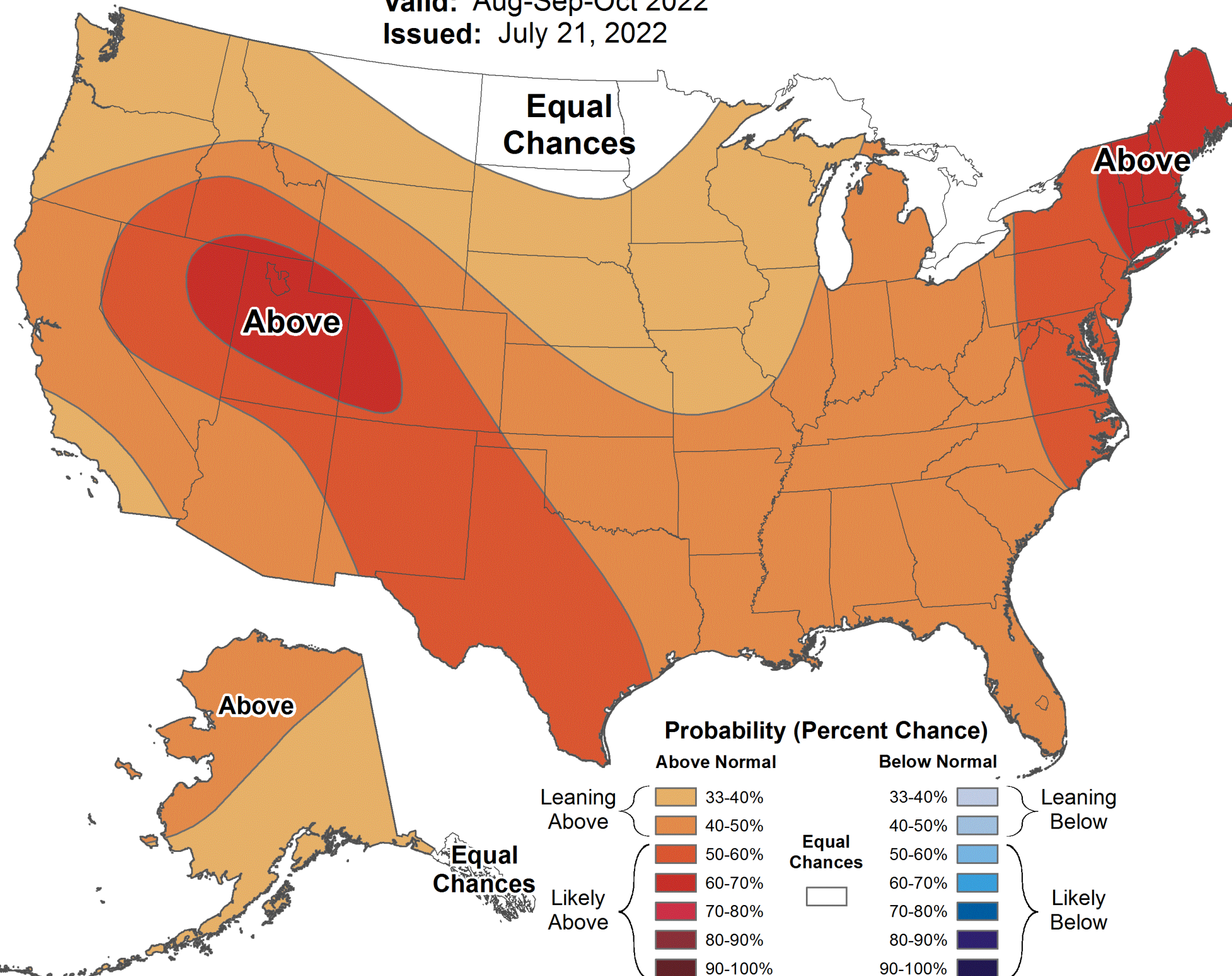
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Seasonal Temperature Outlook



Valid: Aug-Sep-Oct 2022
Issued: July 21, 2022



Seasonal Precipitation Outlook



Valid: Aug-Sep-Oct 2022
Issued: July 21, 2022

