

NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) Boston/Norton MA	
		REPORT FOR: MONTH YEAR February 2022	
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE Robert W. Megnia Meteorologist	
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		DATE March 2nd 2022	

When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).

An X inside this box indicates that no flooding occurred within this hydrologic service area.

February 2022 liquid equivalent precipitation generally ranged from 3 to 6 inches across much of southern New England (Map 1). Portions of southern CT, RI, and southeastern MA saw 6 to 8 inches of liquid equivalent precipitation. These amounts were 0.5 to 3.5 inches above normal (Map 2). Majority of precipitation fell as rain, with only 20-30 percent of liquid precipitation falling as snow. Temperatures averaged 1 to 3 degrees above normal for much of the area during February (Map 3).

No freshwater flooding occurred within NWS Boston/Norton's Hydrologic Service Area. More details for major climate sites in southern New England are included in Table 1. In addition to precipitation details, snowfall and temperature departure from normal are also provided.

<i>Location</i>	<i>February Precipitation (Inches)</i>	<i>Precipitation Departure from Normal (Inches)</i>	<i>Snowfall (Inches)</i>	<i>Temperature Departure from Normal (Degrees F)</i>
<i>Boston</i>	4.61	1.40	15.3	1.3
<i>Worcester</i>	5.33	2.07	15.2	2.9
<i>Providence</i>	5.82	2.38	10.4	1.8
<i>Hartford</i>	4.48	1.35	7.9	2.0

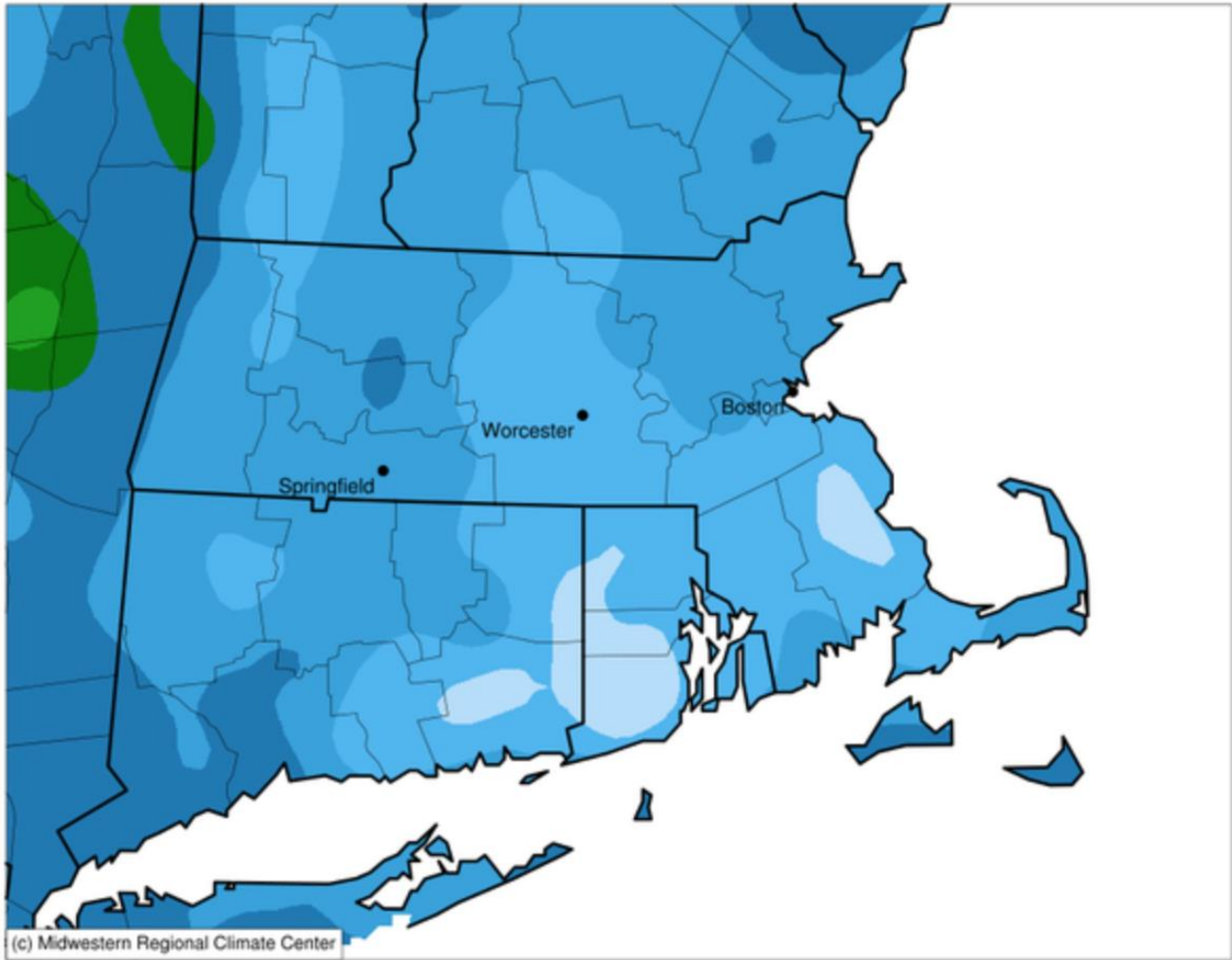
Table 1. February 2022 precipitation and departure from normal, snowfall, and temperature departure from normal. Details are for major climate sites within southern New England. Information is preliminary.

Streamflow and Groundwater

USGS stream gages were running at or above normal with a few gages across central MA running much above normal. Groundwater levels at USGS gages were mostly at normal levels, with a handful of sites running below normal for this time of year.

Accumulated Precipitation (in)

February 01, 2022 to February 28, 2022



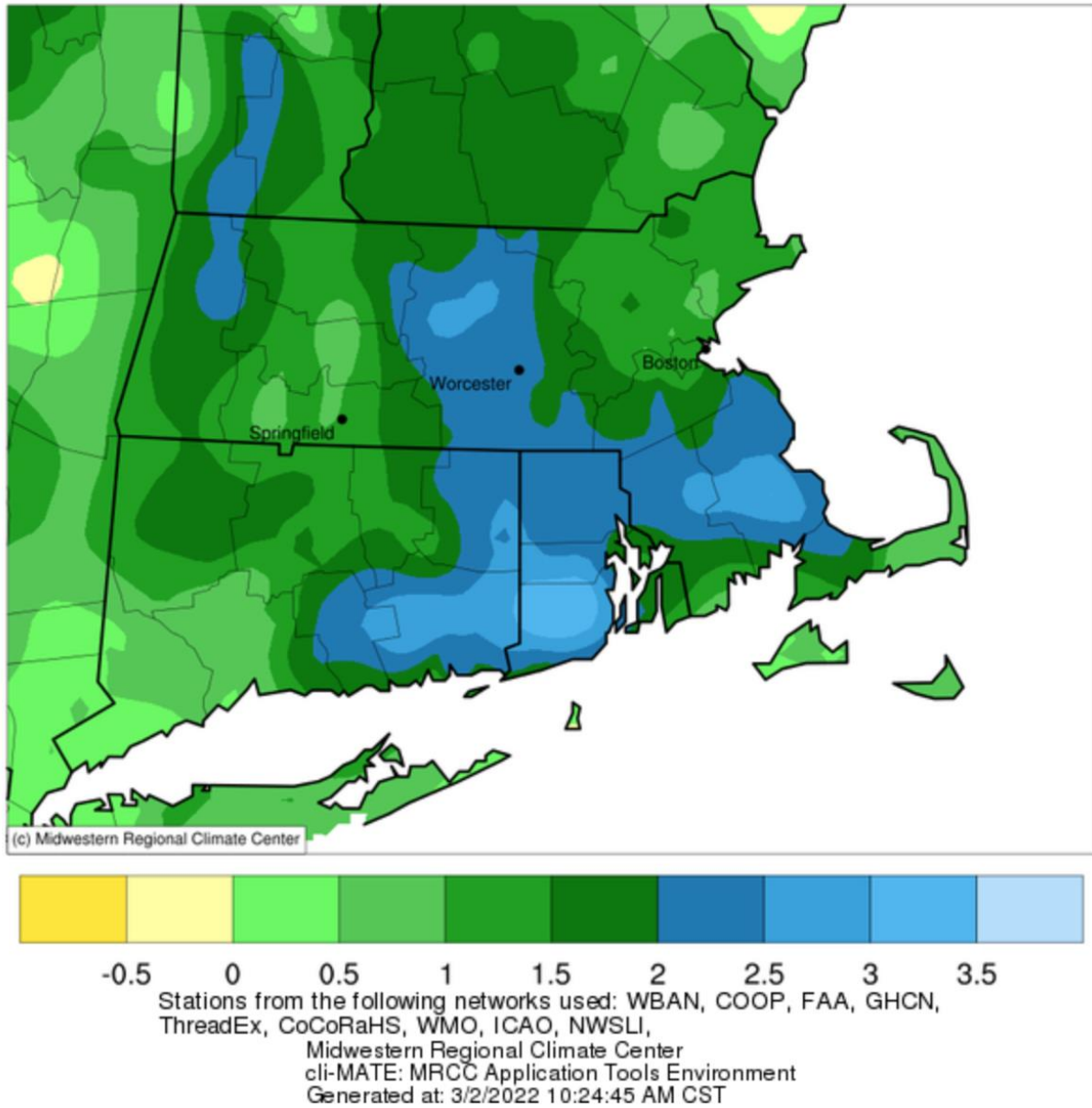
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Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI, Midwest Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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Map 1: February 2022 liquid equivalent precipitation for southern New England. From the Midwest Regional Climate Center.

Accumulated Precipitation (in): Departure from 1991-2020 Normals

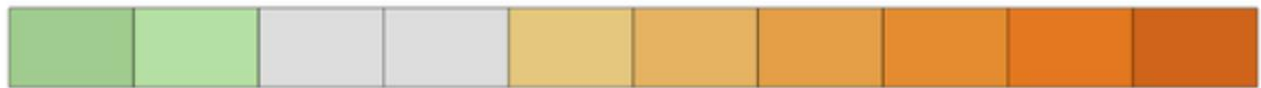
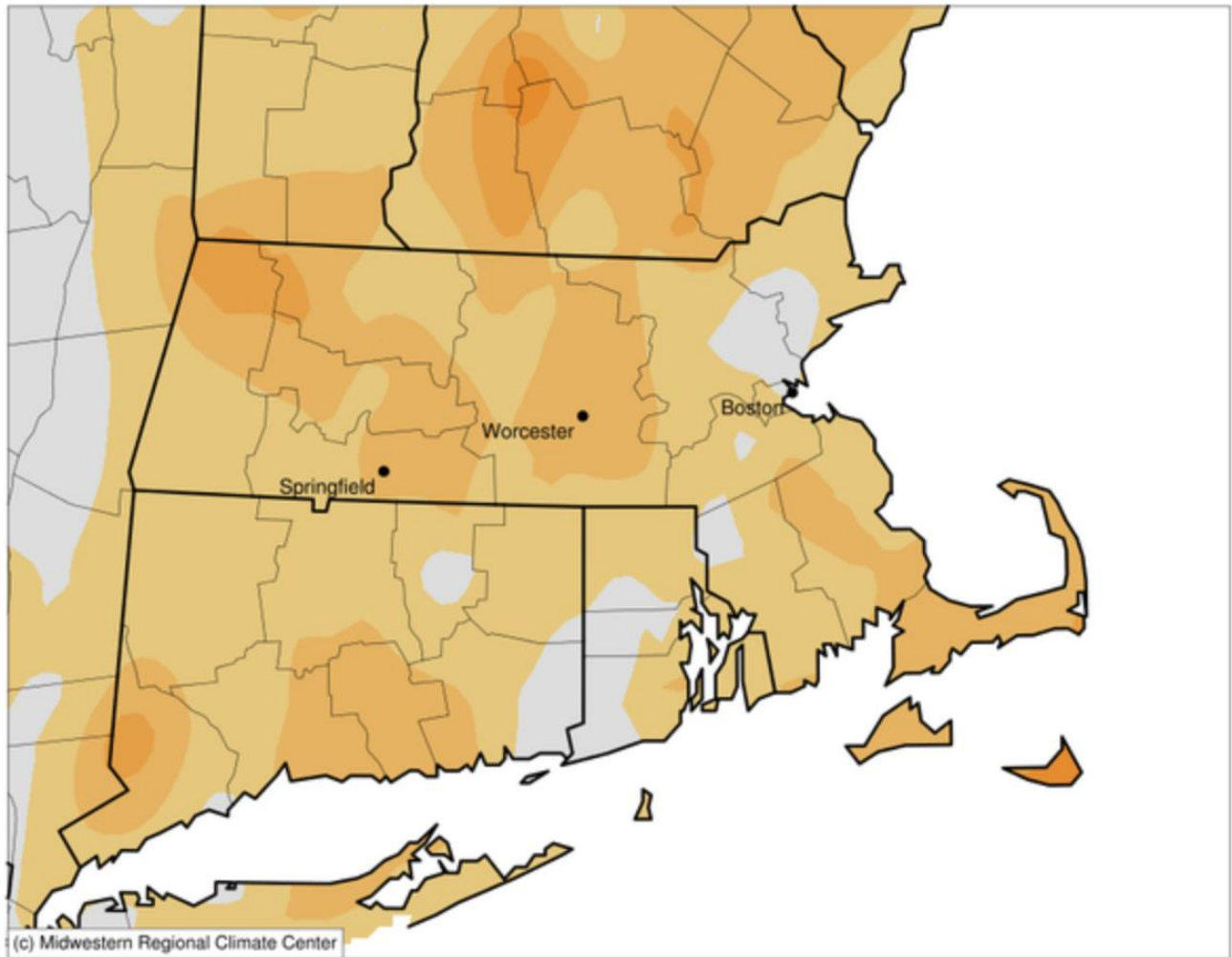
February 01, 2022 to February 28, 2022



Map 2. February 2022 precipitation departure from normal for southern New England. From the Midwestern Regional Climate Center.

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

February 01, 2022 to February 28, 2022



-2 -1 0 1 2 3 4 5 6

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
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Map 3. Average temperature departure from normal across southern New England for February 2022. From the Midwest Regional Climate Center.