

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 January 2022
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		SIGNATURE Nicole M. Belk Senior Service Hydrologist
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		DATE February 1st 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.

January 2022 liquid equivalent precipitation ranged from 2 to 4.5 inches across much of southern New England (Map 1). This was 1 inch above normal to 1.5 inches below normal (Map 2). The exception to this was the Connecticut River Valley Region of MA and north central CT, where precipitation totals ranged from 1.5 to 2.5 inches. These lower totals were 1 to 2 inches below normal. Temperatures averaged 1 to 3 degrees below normal for much of the area during January (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.

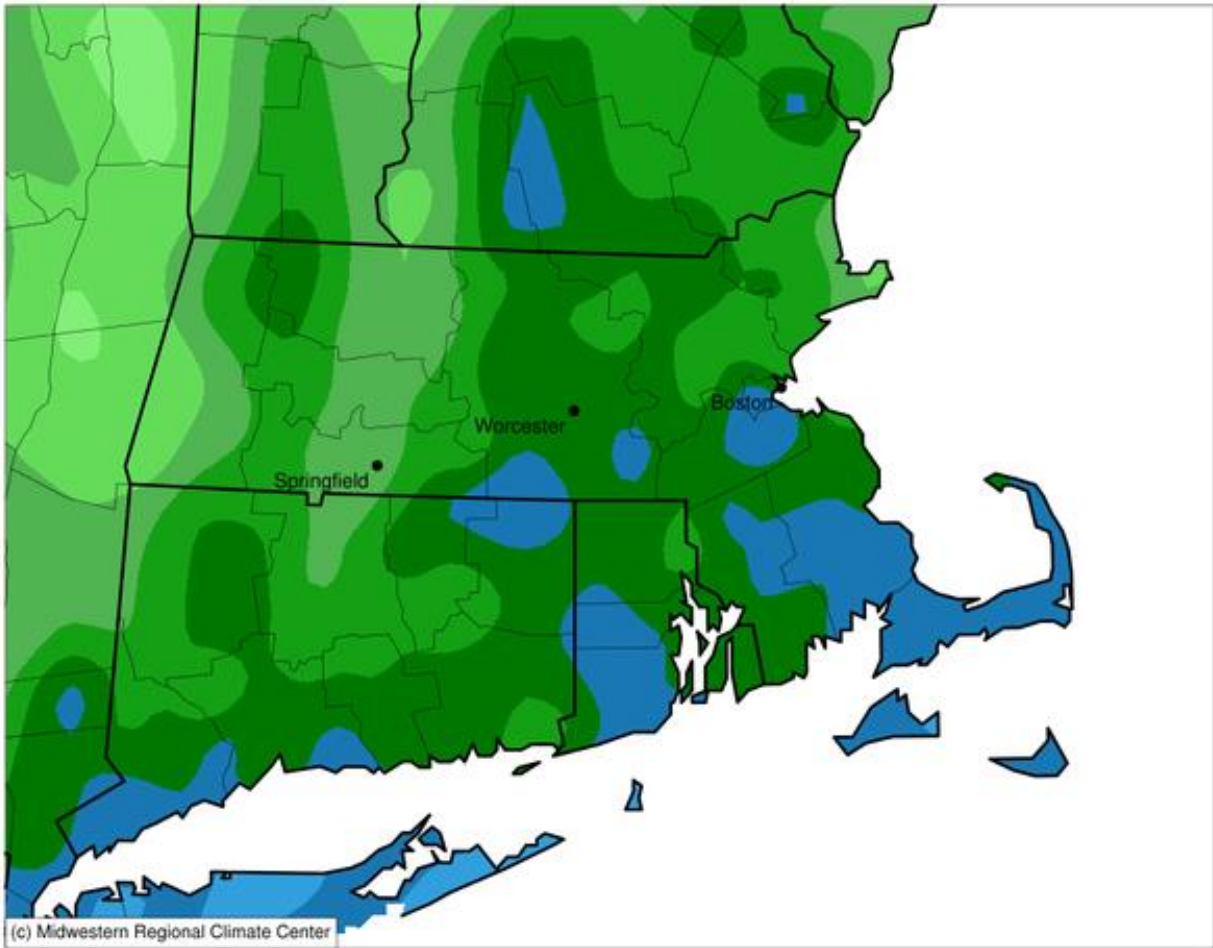
<i>Location</i>	<i>January Precipitation (Inches)</i>	<i>Precipitation Departure from Normal (Inches)</i>	<i>Snowfall (Inches)</i>	<i>Temperature Departure from Normal (Degrees F)</i>
<i>Boston</i>	2.33	-1.06	36.2	-2.5
<i>Worcester</i>	3.12	-0.40	28.3	-2.2
<i>Providence</i>	2.92	-1.04	27.1	-2.7
<i>Hartford</i>	1.83	-1.45	14.2	-2.6

Table 1. January 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 near normal across most of southern New England, with the main exception being southern RI where gages were running below normal. Groundwater levels at USGS gages were mostly at normal levels, with a handful of sites running above normal or below normal for this time of year.

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



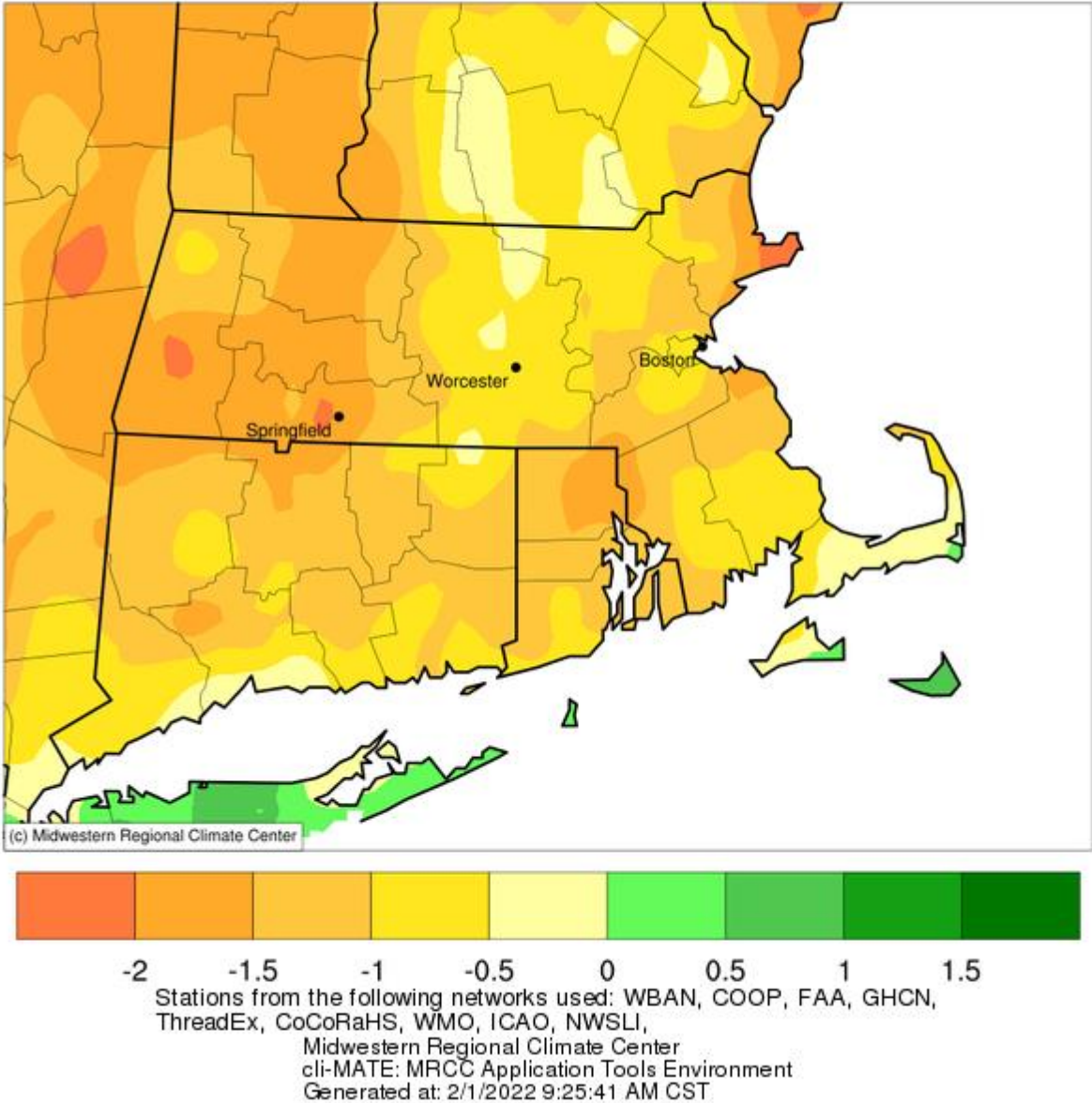
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Stations from the following networks used: WBAN, COOP, FAA, GHCN,
ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,
Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
Generated at: 2/1/2022 9:28:16 AM CST

Map 1: January 2022 liquid equivalent precipitation for southern New England. From the Midwest Regional Climate Center.

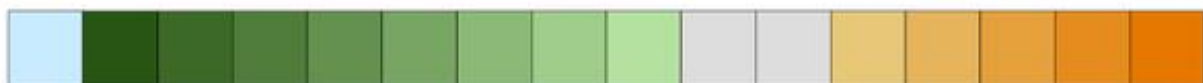
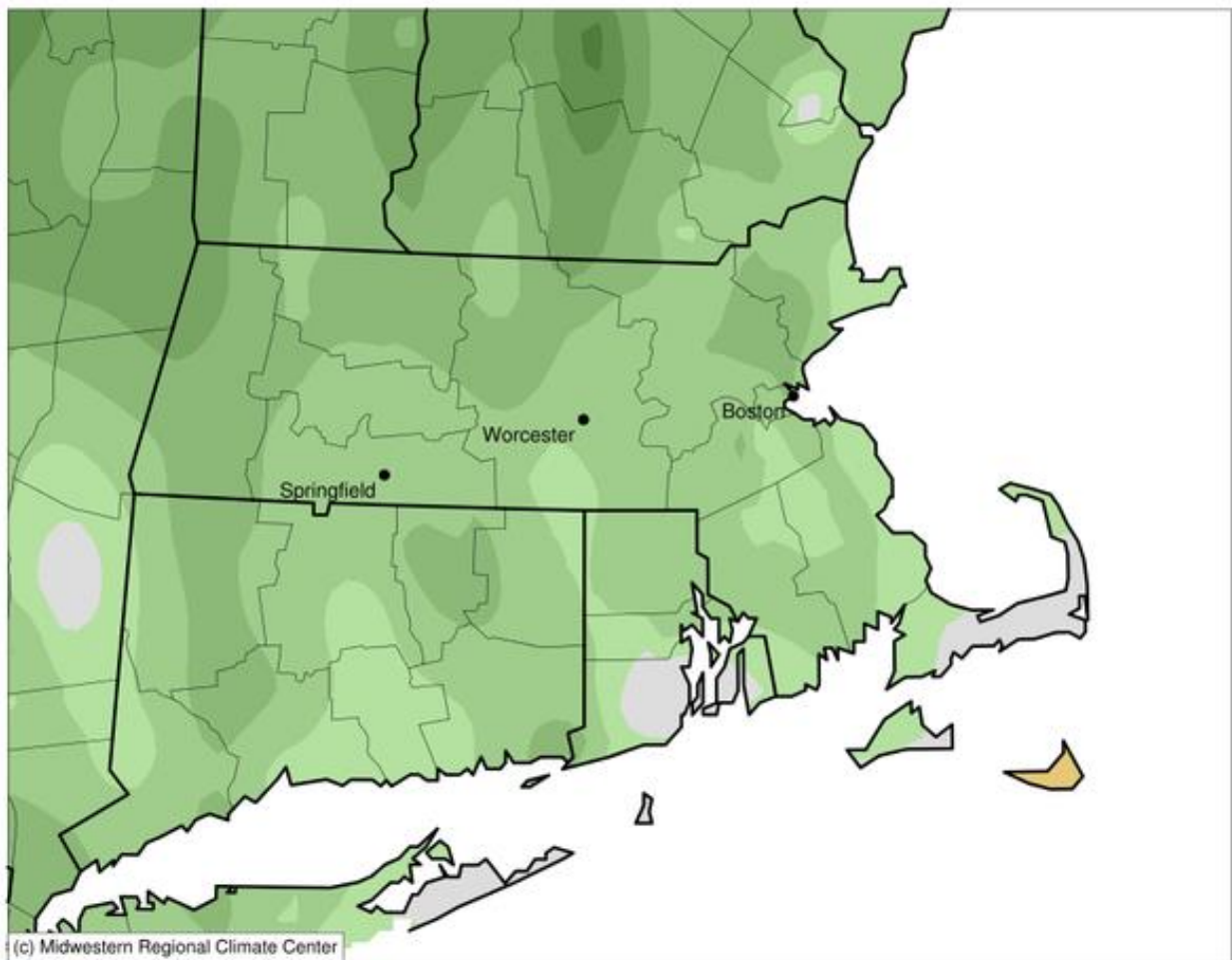
Accumulated Precipitation (in): Departure from 1991-2020 Normals

January 01, 2022 to January 31, 2022



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

Average Temperature (°F): Departure from 1991-2020 Normals January 01, 2022 to January 31, 2022



-9

-4

1

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: 2/1/2022 9:33:10 AM CST

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