

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 March 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 April 4th 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.

March 2022 precipitation was below normal across most of southern New England. Liquid equivalent precipitation generally ranged from 2 to 4 inches across all of southern New England. This precipitation was generally 1 to 2 inches below normal.

Temperatures averaged 1 to 3 degrees above normal across interior southern New England and 3 to 5 degrees above normal across southeastern MA.

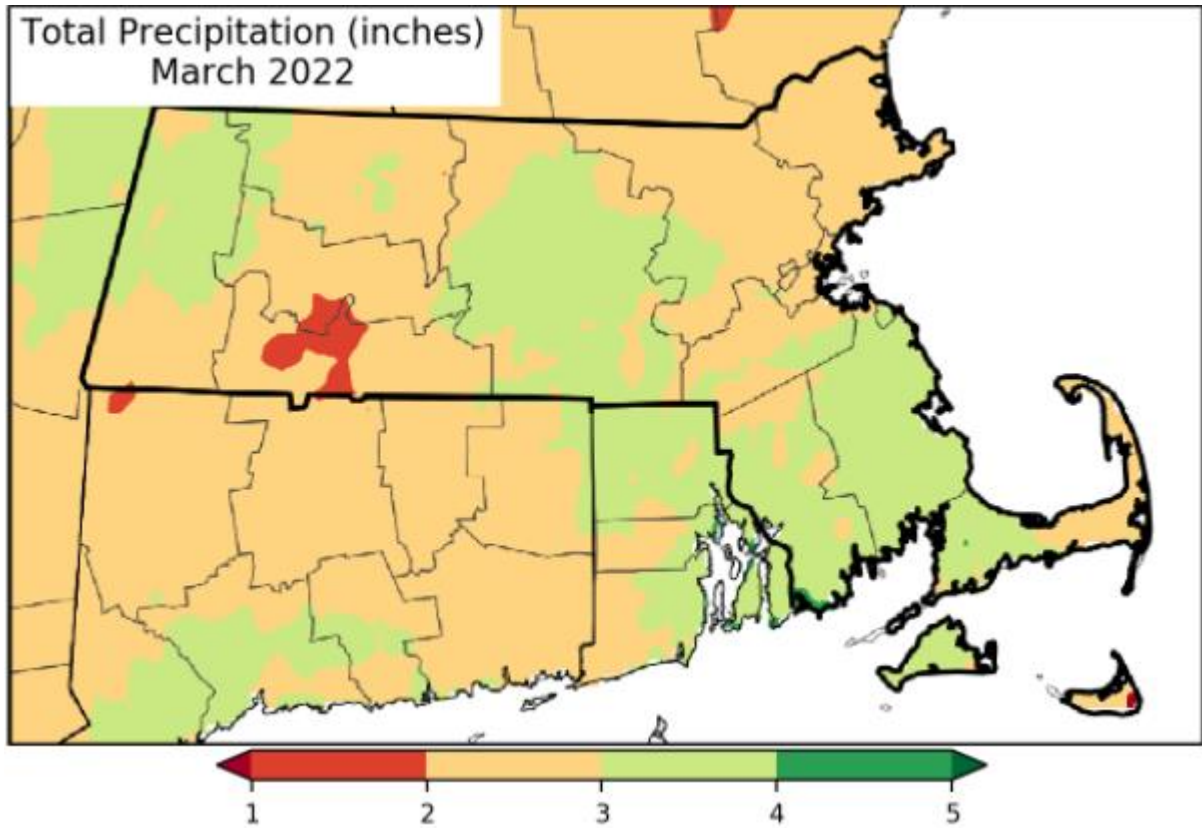
No freshwater flooding occurred within NWS Boston/Norton's Hydrologic Service Area. More details for major climate sites in southern New England are included in Table 1. In addition to precipitation details, temperature departure from normal is also provided.

<i>Location</i>	<i>March 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>	2.93	-1.24	2.1	+2.0
<i>Worcester</i>	3.46	-0.73	6.3	+3.1
<i>Providence</i>	3.55	-1.35	3.4	+3.2
<i>Hartford</i>	3.17	-0.64	5.2	+2.7

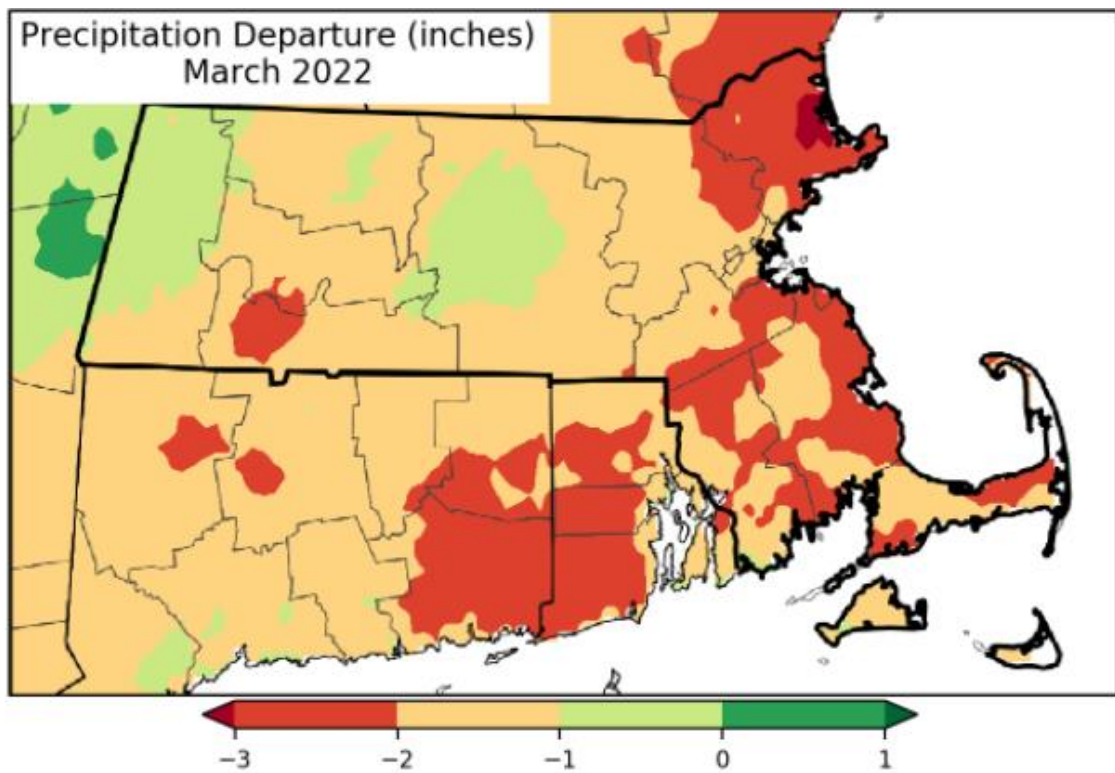
Table 1. March 2022 precipitation and departure from normal, snowfall, and temperature departure from normal. Details are for major climate sites within southern New England. Information is preliminary.

Streamflow and Groundwater

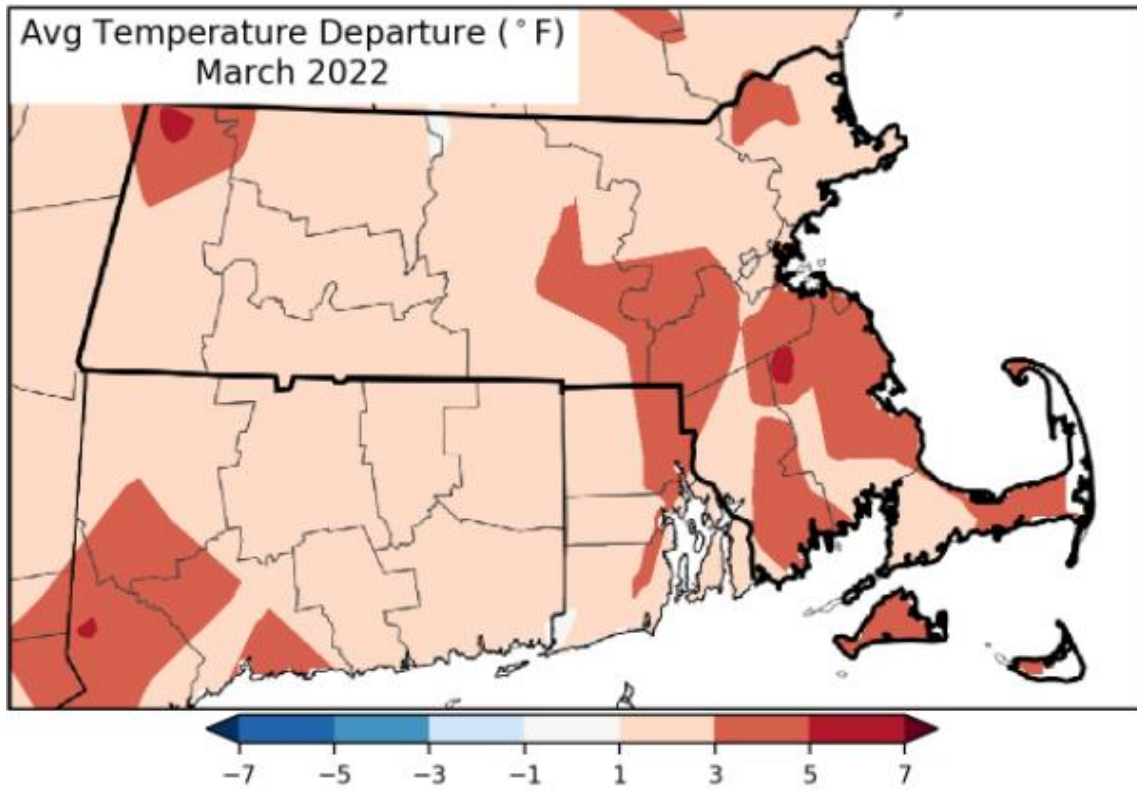
USGS stream gages across CT and most of MA west of the I-495 corridor were running around normal. Most gages across eastern MA and RI were running below normal, with a handful of gages in the same area running near normal. Groundwater level were near normal at most stations (24) for this time of year with only 5 stations reporting below normal groundwater levels.



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



Map 2: March 2022 precipitation departure from normal for southern New England. From the Northeast Regional Climate Center.



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