

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 November 2021	
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 December 3rd 2021	

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.

November 2021 precipitation was below normal across southern New England. Liquid Equivalent precipitation ranged from 1.5 to 3 inches across the majority of the region, with spot higher totals over 3 inches. Precipitation was 1 to 3 inches below normal. Temperatures averaged close to normal for the month.

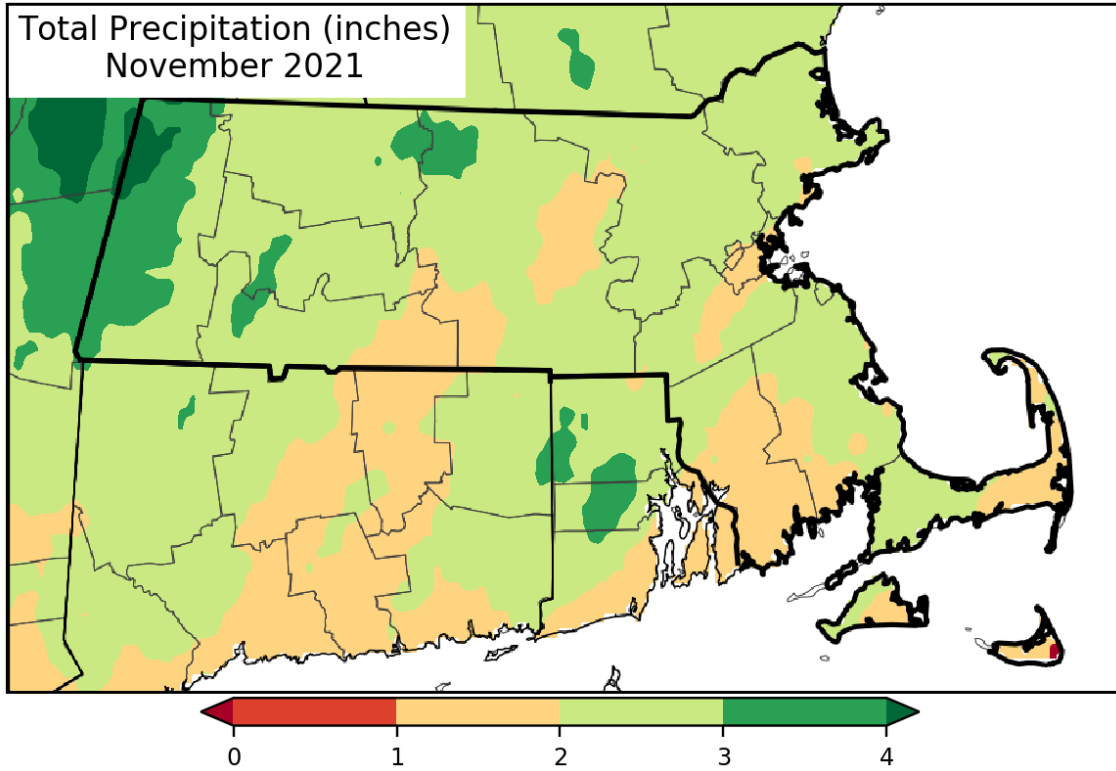
No freshwater flooding occurred within NWS Boston/Norton's Hydrologic Service Area. More details for major climate sites in southern New England are included in Table 1. Although precipitation at the major climate sites was much below normal, November totals did not rank within the top 10 driest Novembers on record.

<i>Location</i>	<i>November Precipitation (Inches)</i>	<i>Precipitation Departure from Normal (Inches)</i>	<i>Temperature Departure from Normal (Degrees F)</i>	<i>Snowfall (Inches)</i>
<i>Boston</i>	1.34	-2.32	0.0	T
<i>Worcester</i>	1.67	-2.33	0.0	1.7
<i>Providence</i>	2.30	-1.97	-0.4	T
<i>Hartford</i>	1.95	-1.56	-0.8	1.4

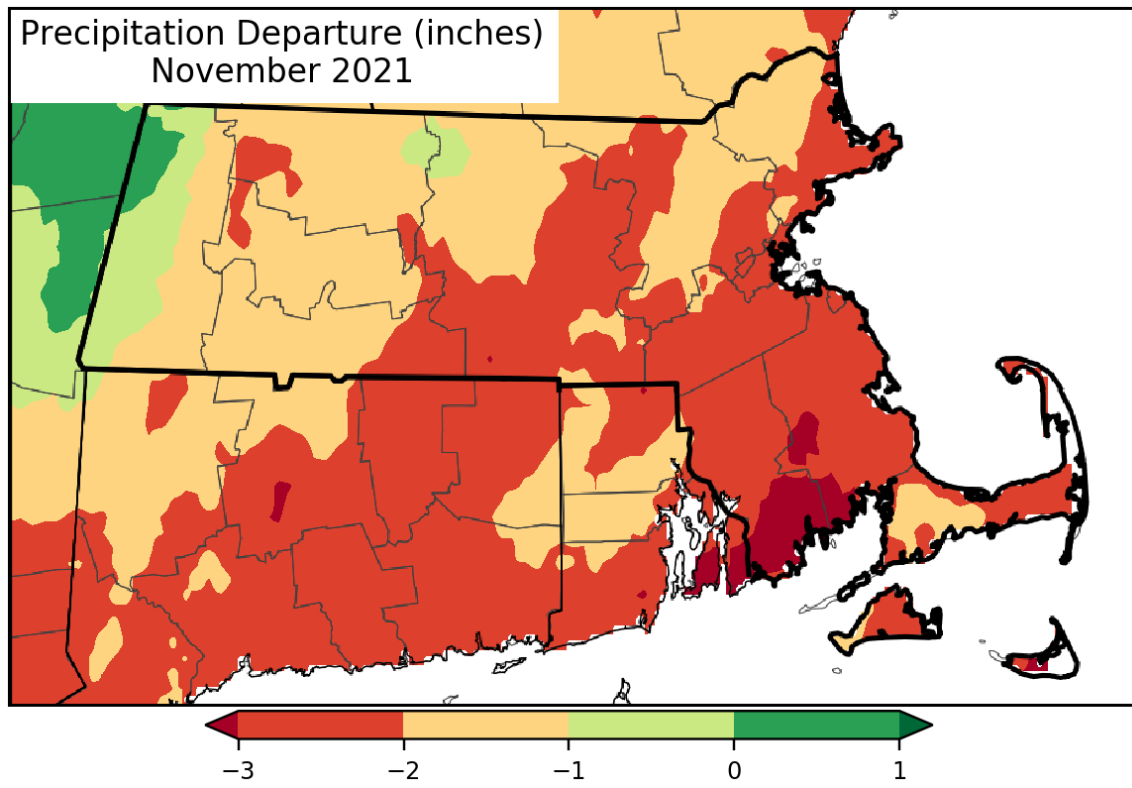
Table 1. November 2021 precipitation and departure from normal, temperature departure from normal, and snowfall, for major climate sites within southern New England. Information is preliminary.

Streamflow and Groundwater

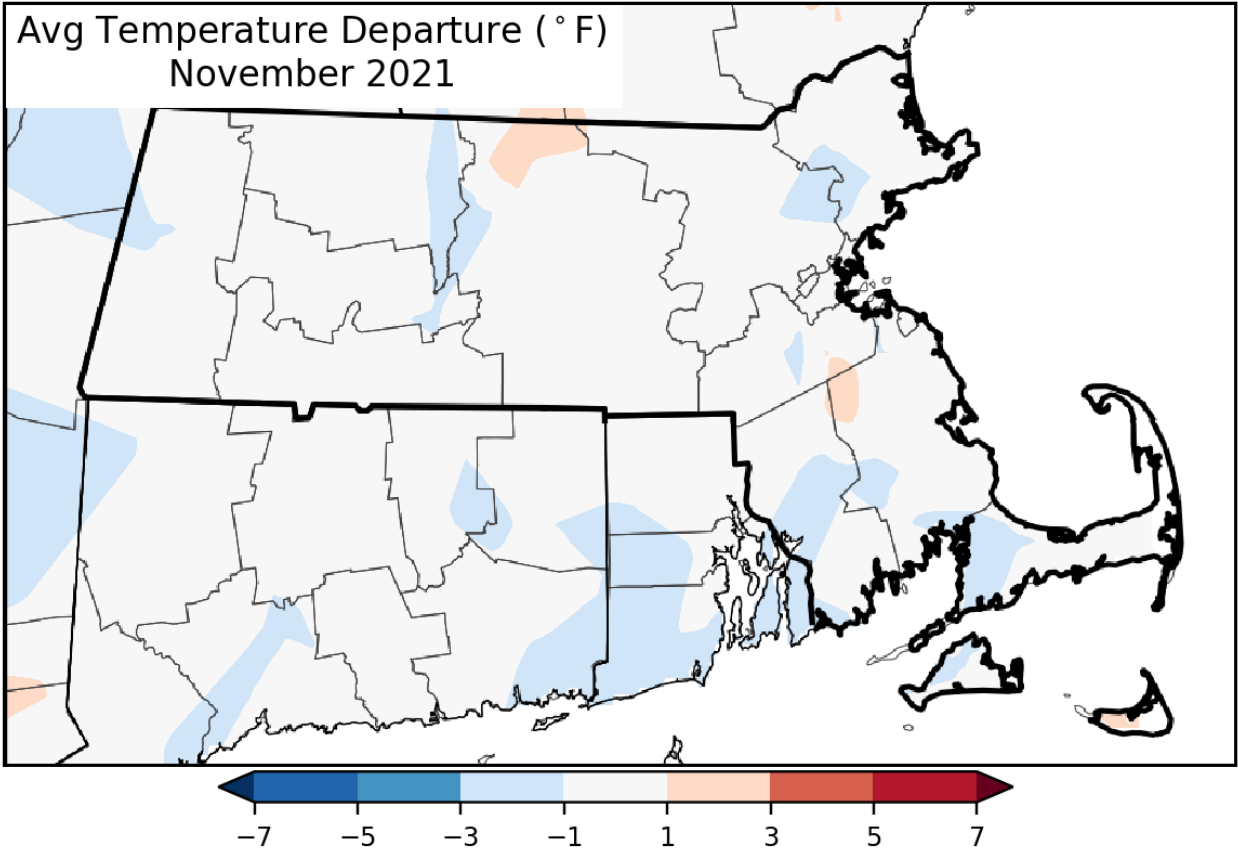
USGS stream gages were running above to much above normal during early to mid-November, then settled near normal at the end of the month. Most area USGS groundwater wells were at normal to above normal levels.



Map 1: November 2021 liquid equivalent precipitation for southern New England. From the Northeast Regional Climate Center.



Map 2. November 2021 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 November 2021.
From the Northeast Regional Climate Center.