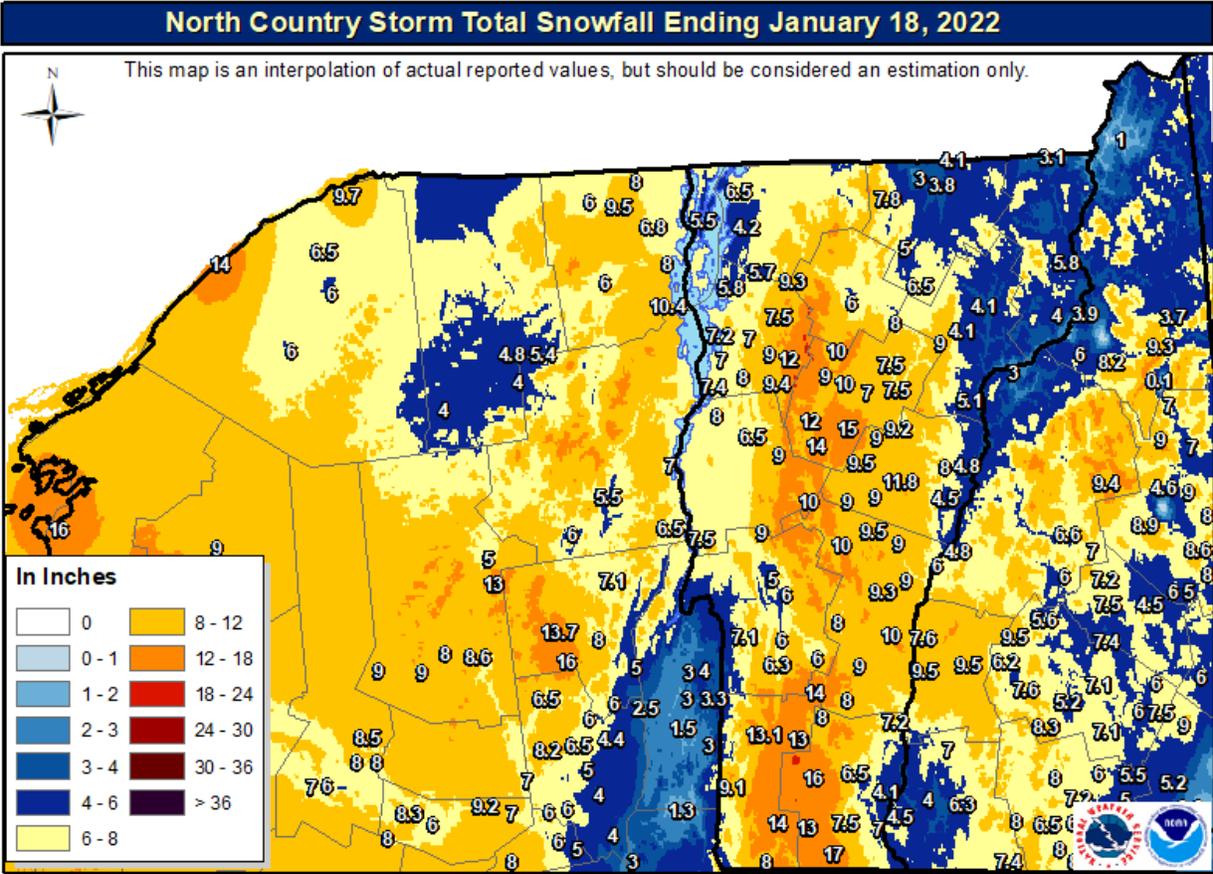


Figure 1: January 2022 percent of normal precipitation for NWS Burlington’s Hydrologic Service Area. Values generally ran in the 25th to 75th percentile for most of the area except for eastern Vermont where values were considerably lower (10th to 25th percentile).

OBSERVING SITE (ASOS platforms)	PRECIPITATION DEPARTURE (inches, JAN 2022)
St. Johnsbury, VT	-1.80
Burlington, VT	-1.19
Montpelier, VT	-1.34
Morrisville, VT	-1.11
Springfield, VT	-1.70
Massena, NY	-1.44
Saranac Lake, NY	-1.31
Plattsburgh, NY	-1.02

Table 1: January 2022 precipitation departure (in inches) for selected NWS ASOS platforms in the NWS Burlington HSA. All sites showed significant negative departure of between 1 and 2 inches.



Created by the National Weather Service Forecast Office Burlington, Vermont
 Sources: NWS observers & spotters, media, public, state & local officials

Created: 1/18/2022 12:40 PM

Figure 2: Total snowfall from the January 17, 2022, storm event. A widespread 4-10 inches was observed across the BTV HSA with higher totals in excess of 1 foot along the spine of the Green Mountains.

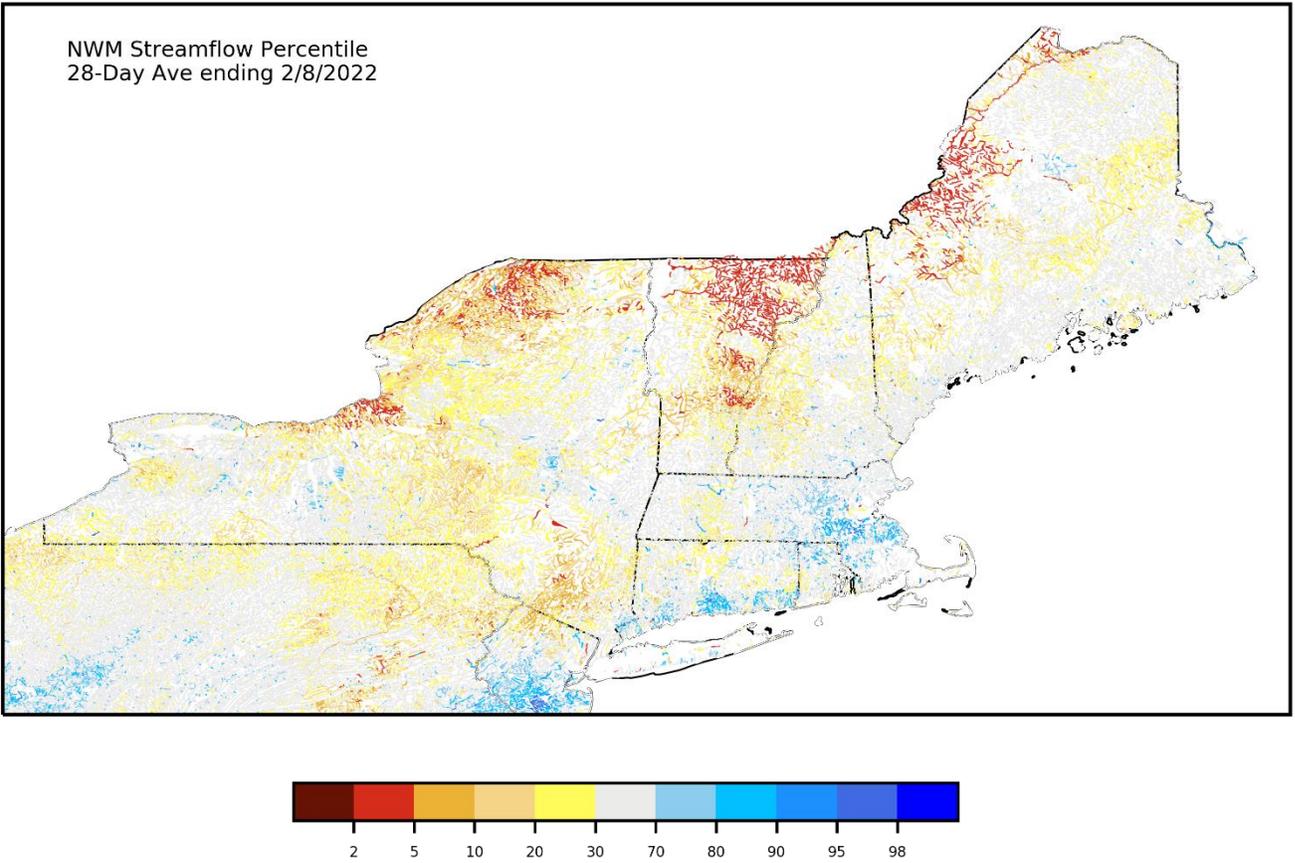


Figure 3: Experimental National Water Model (NWM) 28-day streamflow percentiles for February 8, 2022, showing lower flows for much of eastern Vermont and the St. Lawrence Valley of New York. Similar values were noted for the week prior at the end of January. For more on this and other NWM products, please visit: <https://water.noaa.gov/about/nwm>.

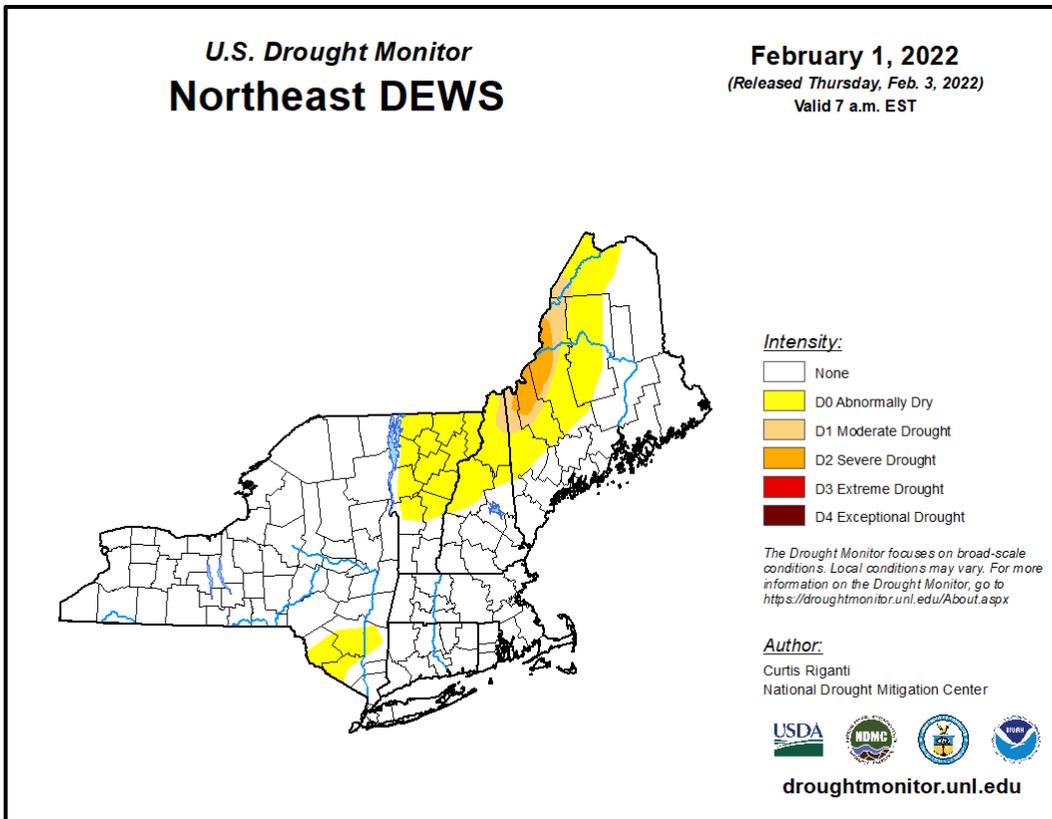


Figure 4: US Drought Monitor map for the last week of January/first week of February 2022. The areal coverage of D0 (abnormally dry conditions) was expanded to cover nearly all of Vermont’s counties within the NWS Burlington HSA. Below average groundwater and streamflow levels along with longer-term negative precipitation departures largely drove this adjustment.