

Figure 1: February 2024 monthly precipitation departures from normal across the NWS Burlington, VT HSA. On average, negative anomalies from -0.50 to -2.50 inches below the long term 30-year mean were observed.

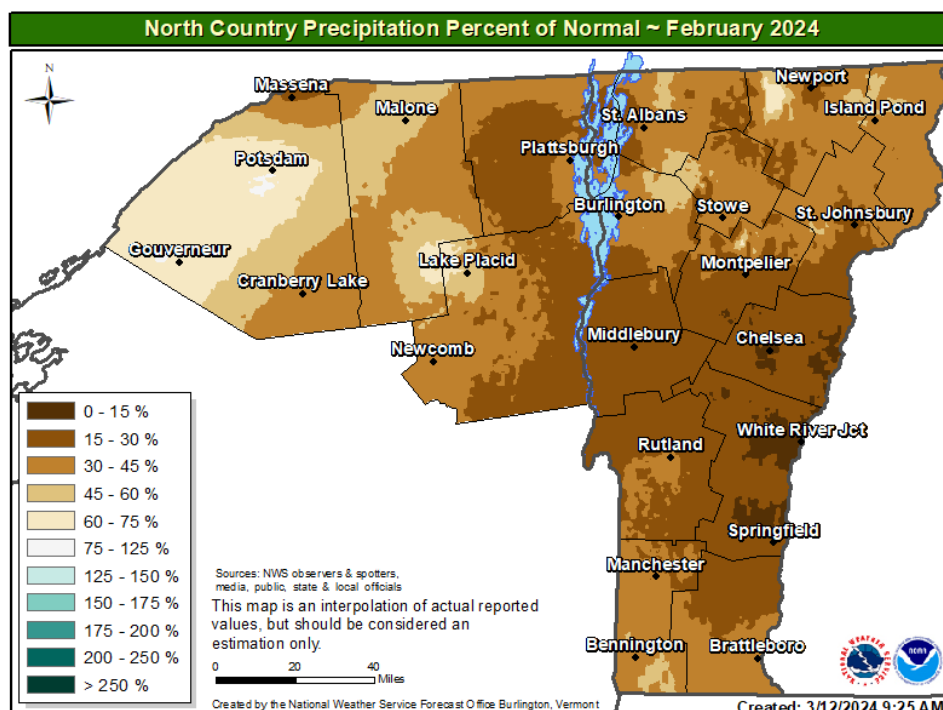


Figure 2: Monthly precipitation percent of normal for February 2024. Many areas saw less than 30 percent of normal monthly values, especially in areas of southern and southeastern Vermont.

SITE	PRECIPITATION	NORMAL	DEPARTURE	% OF NORMAL
Burlington, VT	0.66"*	1.77"	-1.11"	37
St. Johnsbury, VT	0.61"	2.21"	-1.60"	28
Woodstock, VT	0.31"	2.65"	-2.34"	12
Rutland, VT	0.67"	2.16"	-1.49"	31
Lake Placid, NY	1.27"	2.29"	-1.02"	55
Tupper Lake, NY	1.03"	2.65"	-1.62"	39
Gouverneur, NY	1.58"	2.12"	-0.54"	75

Table 1: Observed February 2024 precipitation and monthly departures at selected sites in Vermont and northern New York.

\*Driest on record for February.

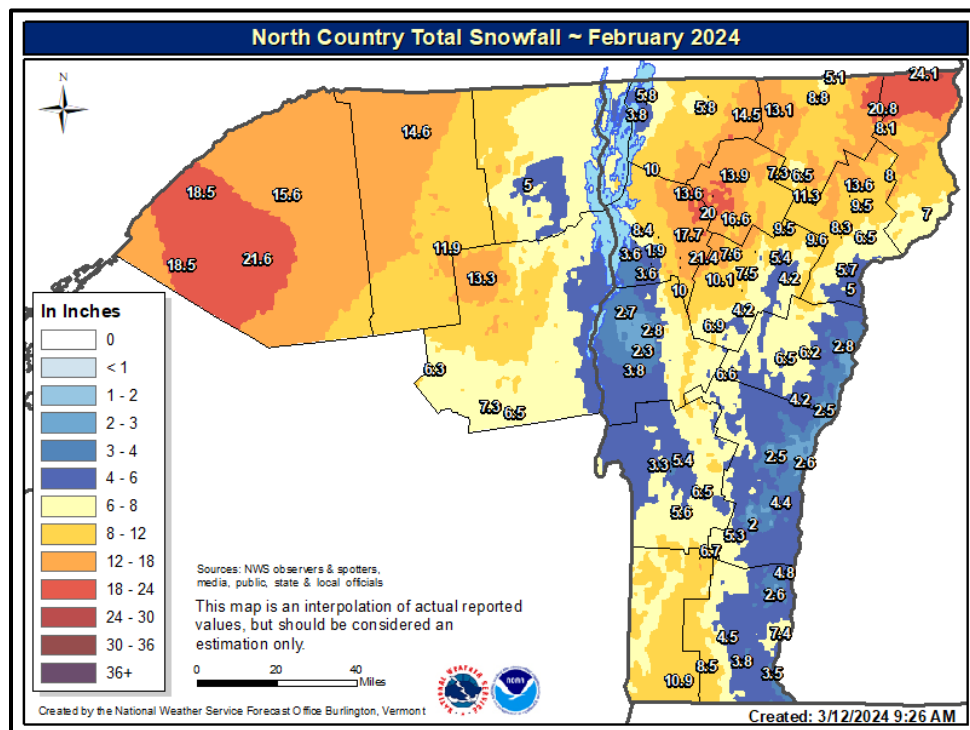


Figure 3: February 2024 snowfall totals across the NWS Burlington HSA. The highest totals occurred across the northern Green Mountains and in the St. Lawrence Valley. While these totals were near normal in the St. Lawrence Valley, values were below normal in all other areas.

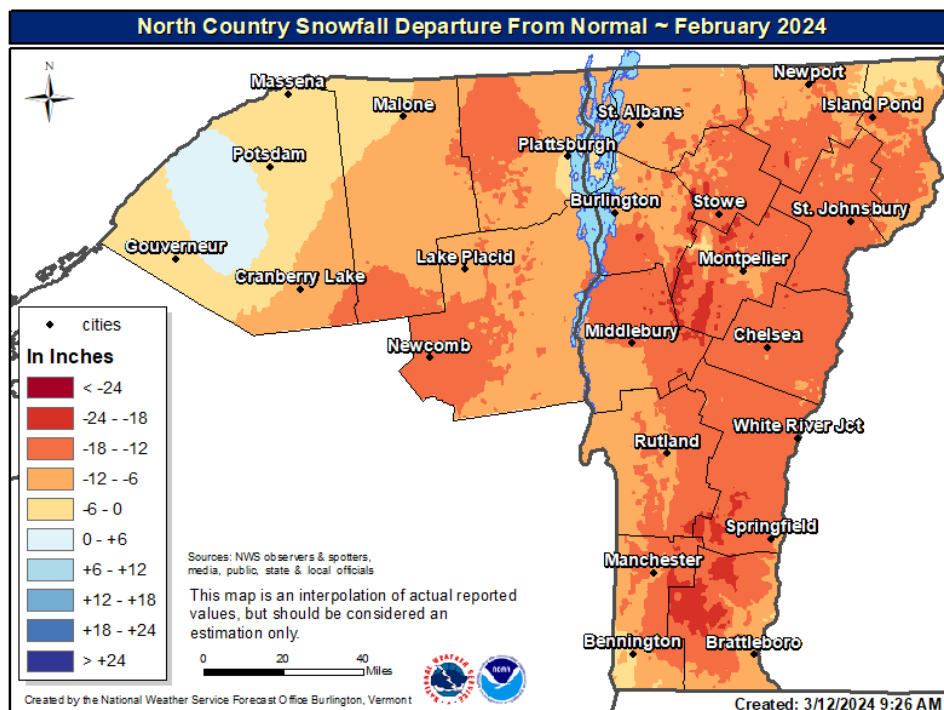


Figure 4: February 2024 snowfall departures from normal (in inches) for the NWS Burlington HSA. Other than a portion of the St. Lawrence Valley of New York, all areas saw significant negative departures for the month.

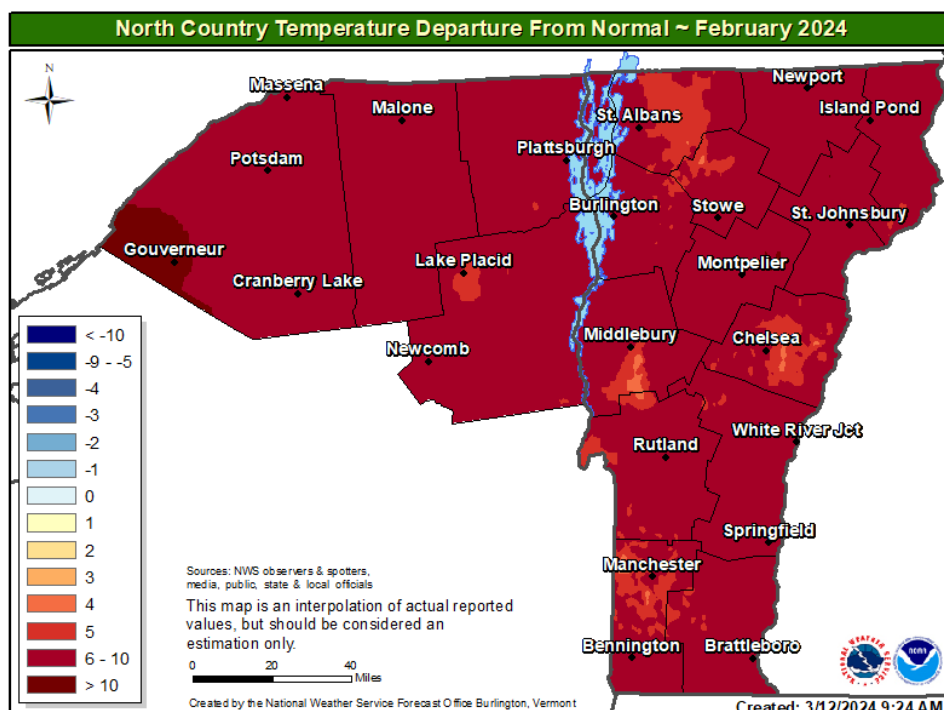


Figure 5: Anomalously warm temperatures complemented the lack of overall precipitation during February 2024 across the NWS Burlington HSA. Positive 29-day departures generally ran from +7.0 to +9.0 degrees above the long term climatological mean which allowed many areas to record their mildest, or second mildest Februaries on record.

SITE (ASOS)	MEAN AVERAGE MONTHLY TEMPERATURE (°F)	DEPARTURE FROM NORMAL (°F)	HISTORICAL RANK
Burlington, VT	30.2	+7.3	1
Montpelier, VT	26.0	+7.1	2
St. Johnsbury, VT	28.1	+8.7	1
Springfield, VT	30.8	+7.9	1
Plattsburgh, NY	27.7	+6.7	1
Saranac Lake, NY	22.5	+7.2	2
Massena, NY	26.3	+8.5	2

Table 2: Average monthly temperatures, departures from normal and historical rank for February 2024 at selected sites in the NWS Burlington HSA.

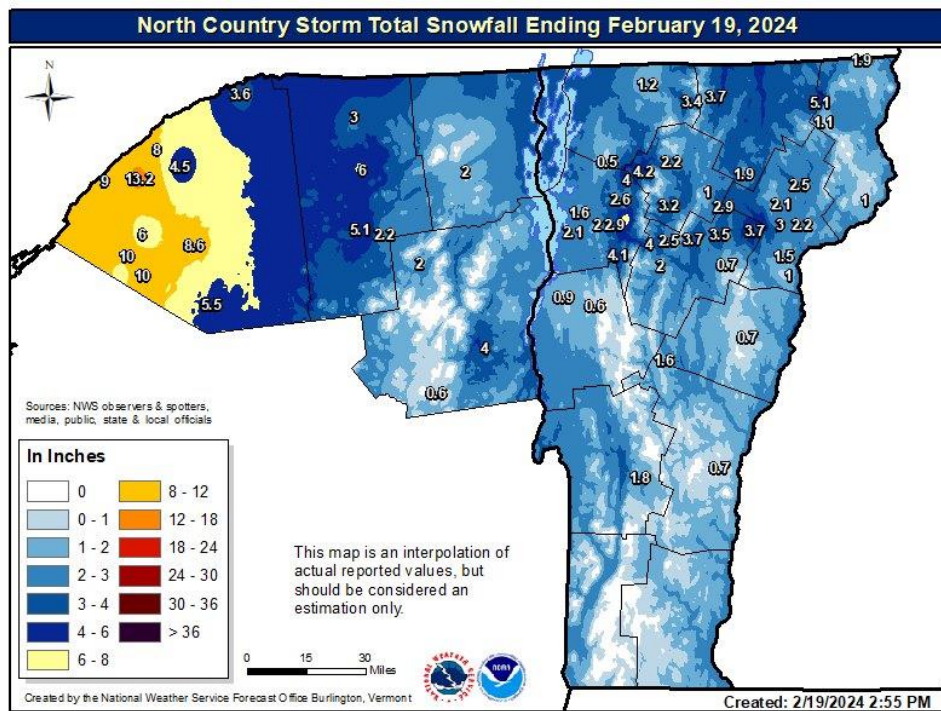


Figure 6: Storm total snowfall ending February 19, 2024. A two-day bout of lake effect snow across St. Lawrence County, NY produced locally heavy totals, in some cases greater than one foot.