

NWS Form E-5 <small>(04-2006)</small> <small>(PRES. BY NWS Instruction 10-924)</small>	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) Burlington VT	
		MONTHLY REPORT OF HYDROLOGIC CONDITIONS	REPORT FOR: MONTH YEAR February 2020
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		SIGNATURE Maureen Hastings, Lead Meteorologist /s/	
		DATE March 28, 2020	

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.

Hydrologically, February was a relatively quiet month with only one significant snowfall event on February 6th and 7th. Snowfall amounts ranged from just 3 to 5 inches across far southern Rutland and Windsor Counties to 14 to 20 inches across the northern Green Mountains and northern slopes of the Adirondacks. Although there were both warm and cold spells, overall the monthly temperature averaged close to normal. Monthly precipitation totals were above normal in the Champlain Valley and along the western slopes of the Greens, while the remainder of the CWA averaged near to below normal. By the end of the month, snow depths were below normal across a wide swath of the North Country, with only the northern slopes of the Adirondacks and portions of the Northeast Kingdom reporting above normal snowpack.

The cycle of warm and cold conditions kept river flows near to above normal through the month as we saw rounds of snowmelt. River ice was near to below normal as well, both in areal coverage and strength, though some of the northern rivers in New York, such as the Saint Regis, did have substantial amounts of ice by the end of the month. However, rivers remained within their banks and no flooding was reported through the period.

Not all monthly graphics were available at the time of this writing.

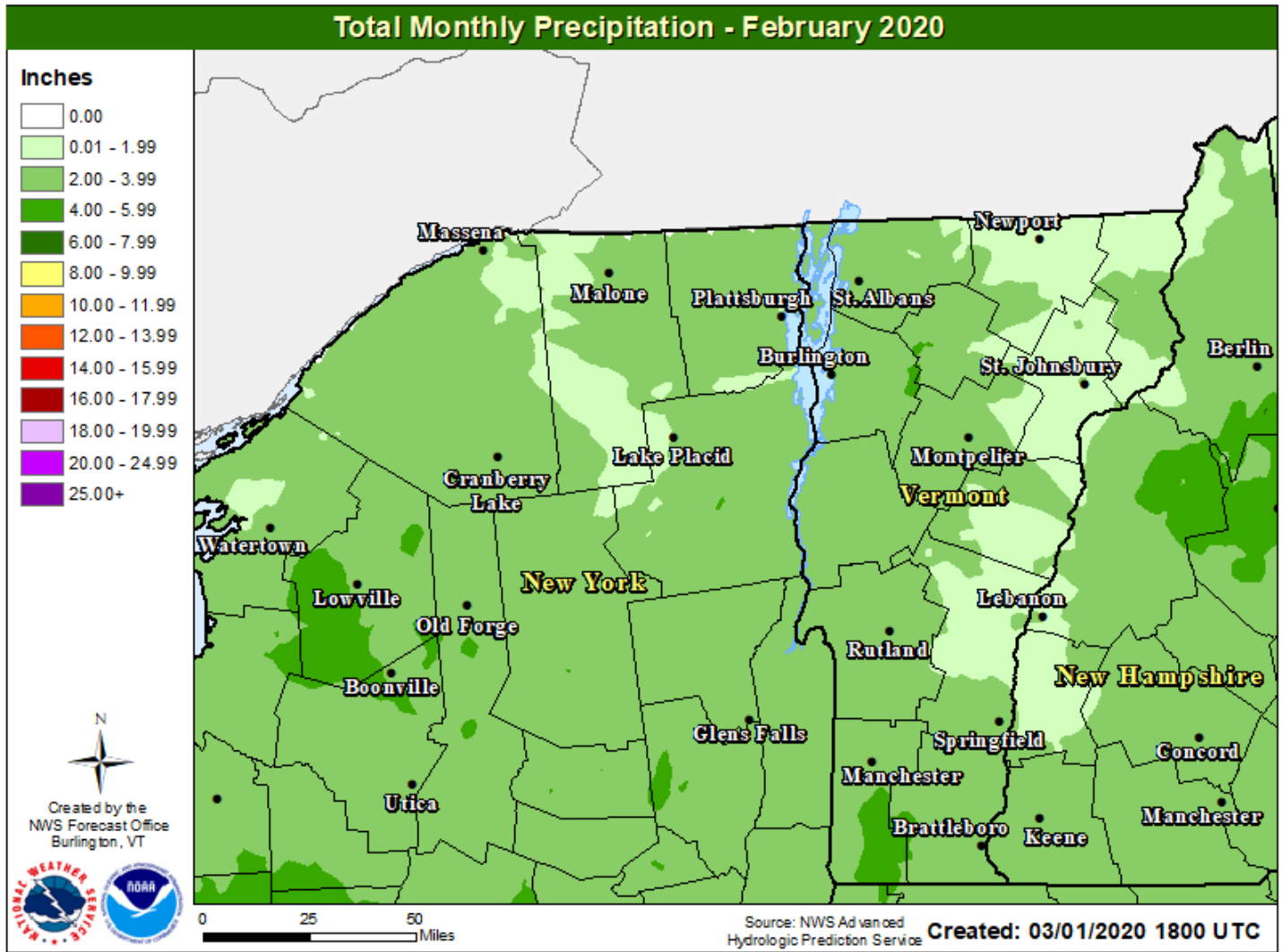


Figure 1: Total Monthly Precipitation, February 2020

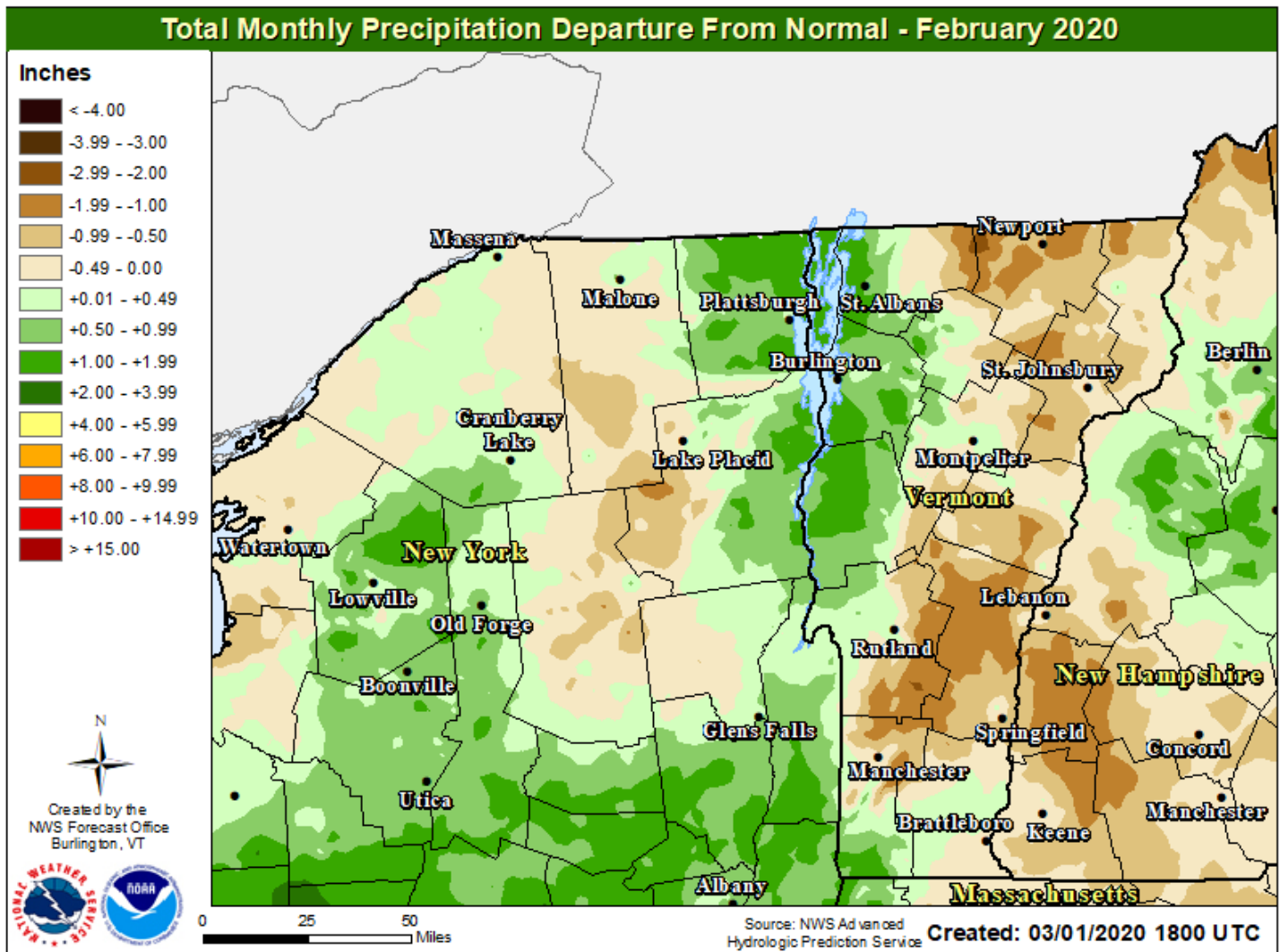


Figure 2: Precipitation departure from normal, February 2020

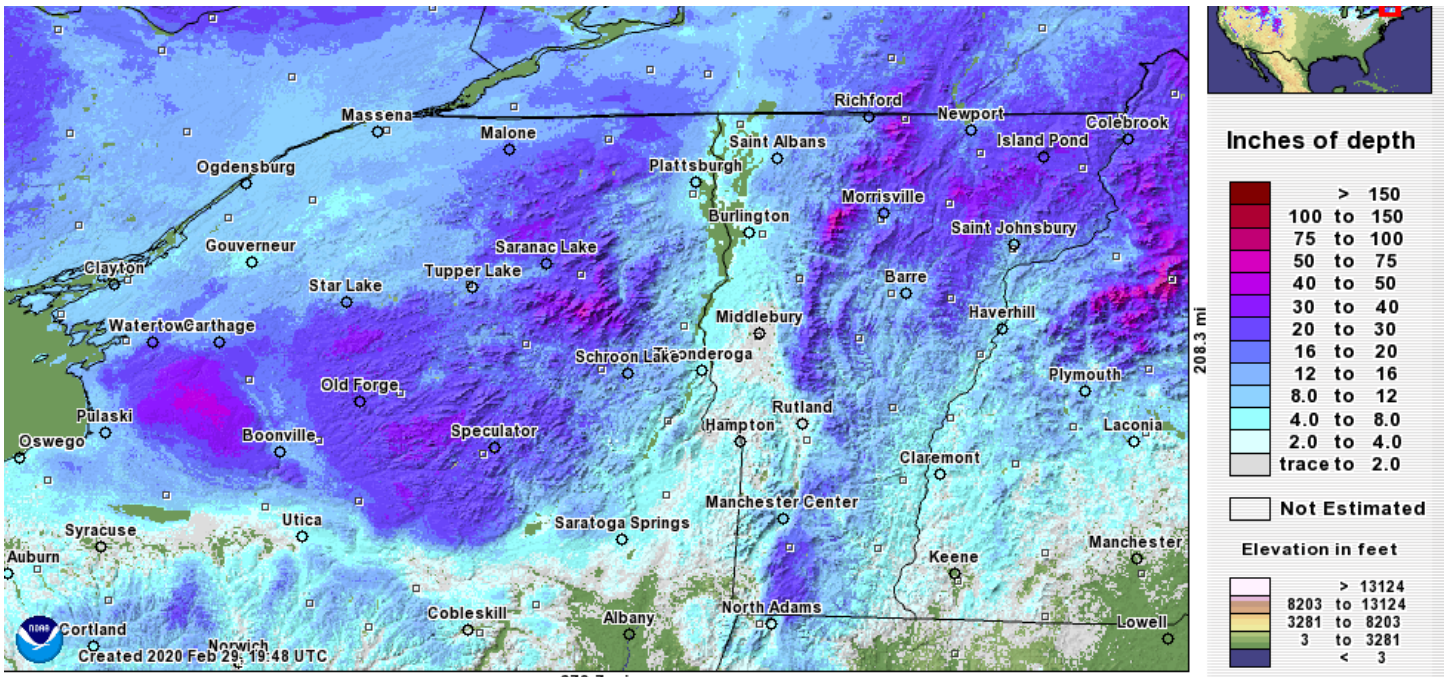


Figure 3: Modeled Snow Depth, February 29, 2020

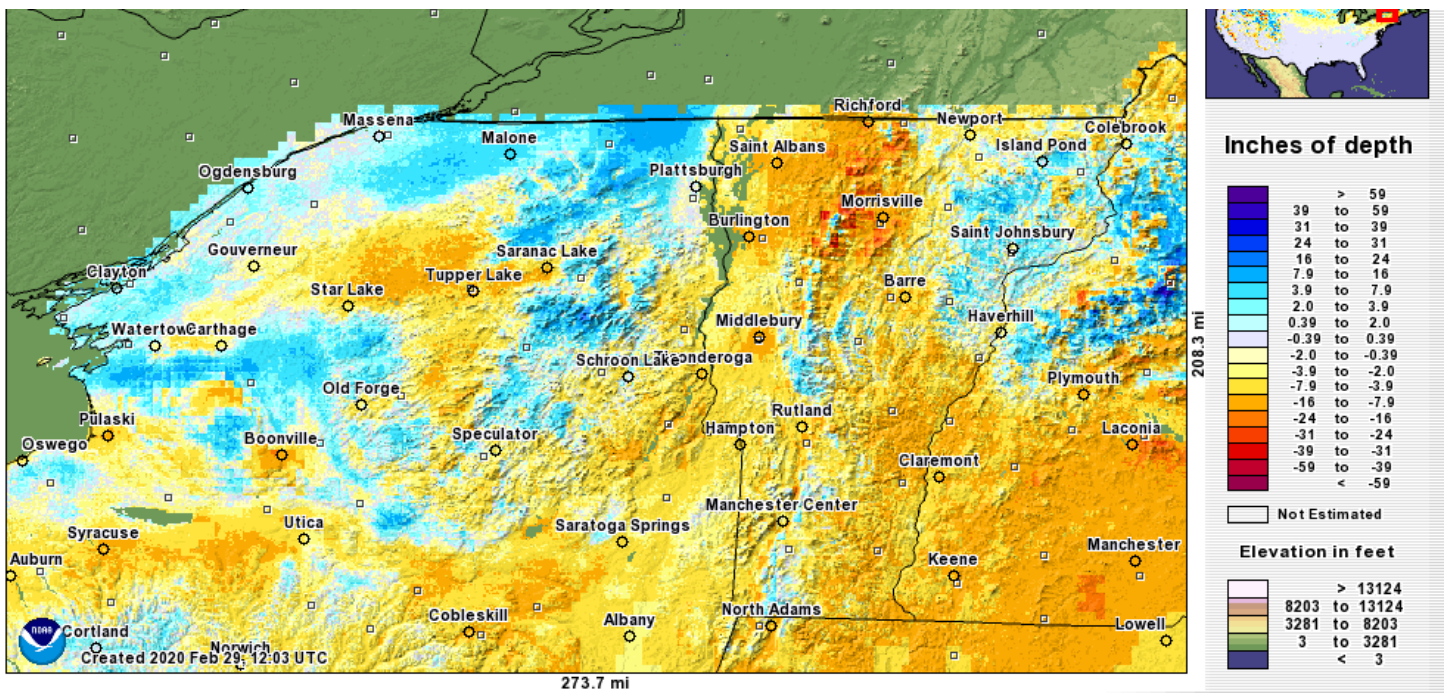
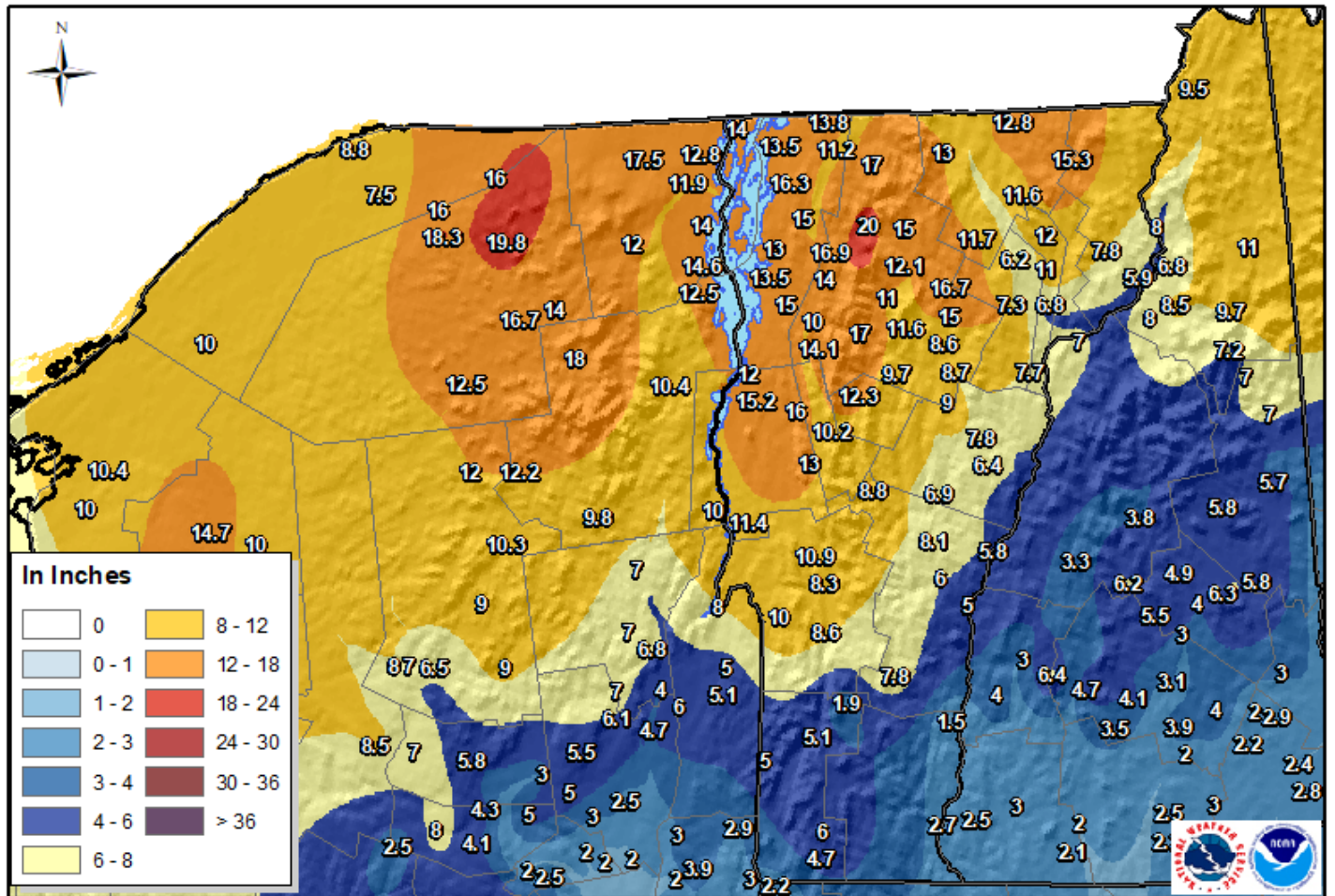


Figure 4: Snow Depth Compared to Normal, February 29, 2020

North Country Storm Total Snowfall Ending February 8, 2020



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

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Figure 5: Snowfall totals for February 6-7th, 2020 event