

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
 MONTH YEAR
 April 2018

TO: Hydrologic Information Center, W/OS31
 NOAA's National Weather Service
 1325 East West Highway
 Silver Spring, MD 20910-3283

SIGNATURE
 /s/ Jessica Neiles, Meteorologist

DATE
 May 15, 2018

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.

April 2018 continued our trend of active weather here in Vermont and Northern New York. Precipitation across the region ranged from three inches to seven and a half inches of water. For most of the area, this was around two to four inches above normal. Snowfall for the month ranged from just a couple of inches to twenty inches of snow in the high peaks, this was very elevation dependent. On average, streamflow for the month of April was about 25-90% above normal. There were several active weather patterns with a few days of rain and light snow in a row: April 3-6, April 12-20, and April 25-30. During the third of the three rainy periods, our rivers responded and some sharp rises were observed. The East Branch of the Ausable River at Ausable Forks reached minor flood, with a crest eight tenths of a foot above flood stage on April 26th in the early morning.

ID	Name	Flood Stage	Crest Height	Date	Time (z)
ASFN6	Ausable Forks – East Branch Ausable River	7.0	7.80	April 26	8:15

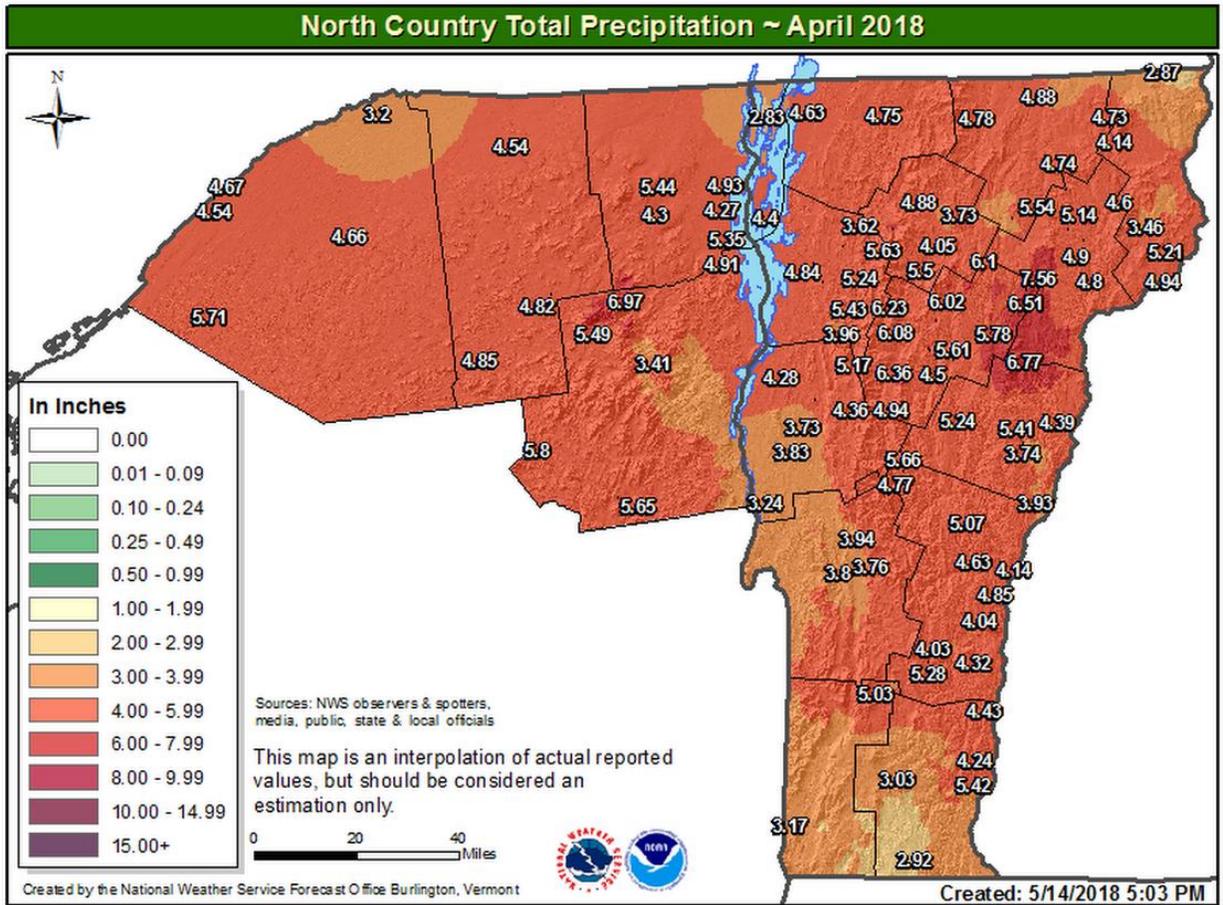


Figure 1: Monthly precipitation for April 2018. Totals generally ranged from 3 to 7 inches across the North Country with some variability.

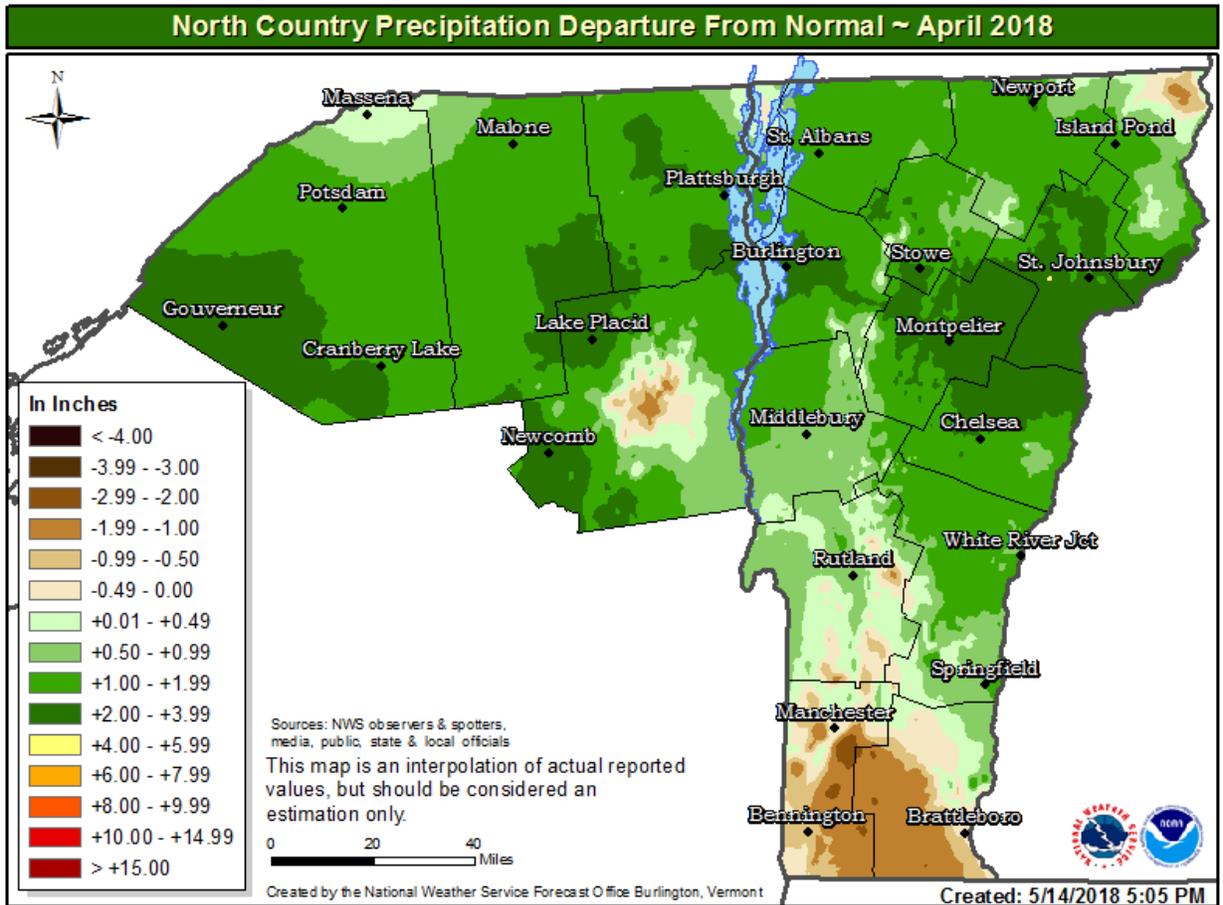


Figure 2: Monthly precipitation departure from normal for April 2018 for the Burlington, VT HSA. Positive departures of up to 4 inches were observed across the central part of the area. In general, negative departures were observed across southern Vermont.

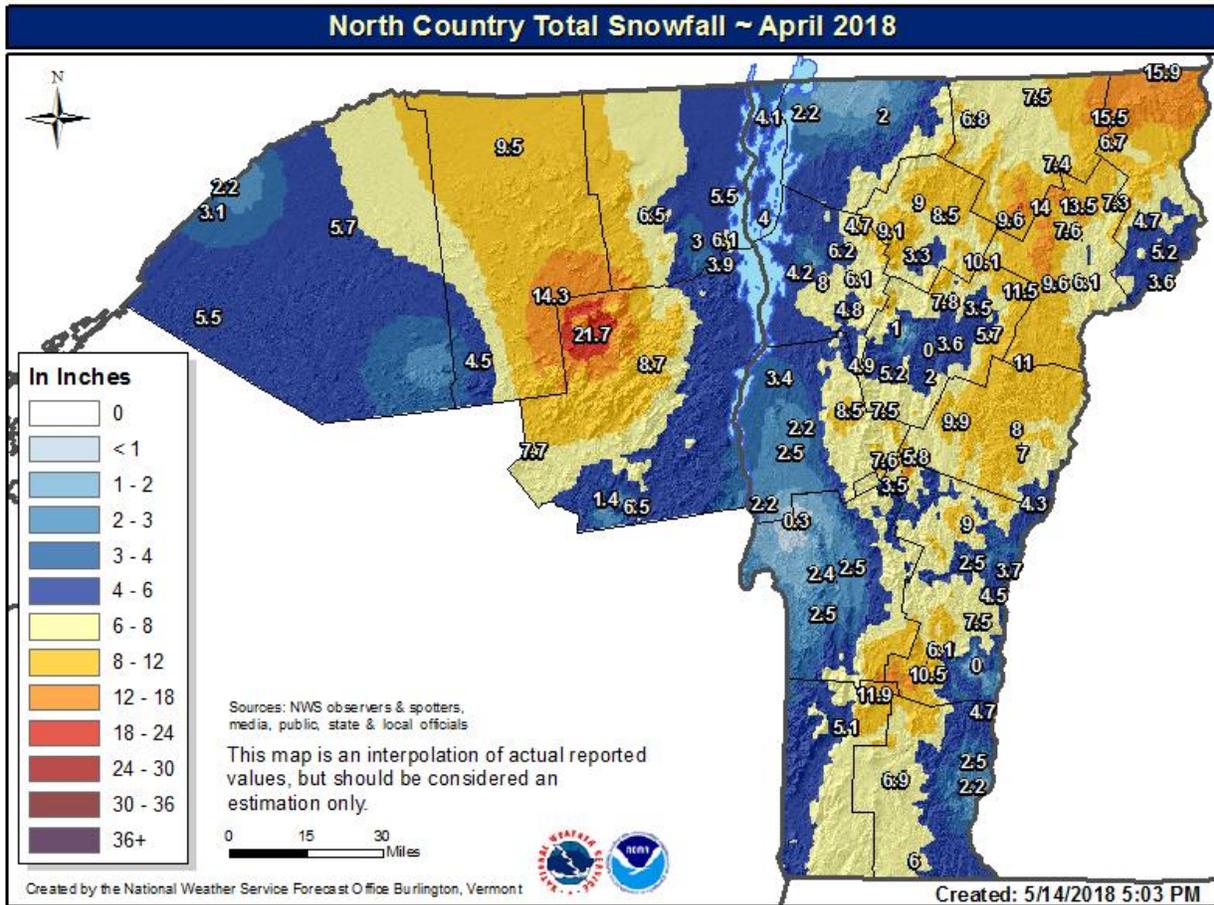


Figure 3: Monthly snowfall totals for April 2018. Snow totals ranged from just a couple inches in parts of the Champlain and Saint Lawrence valleys, and up to twenty inches in the high peaks of the Adirondacks.

April 2018

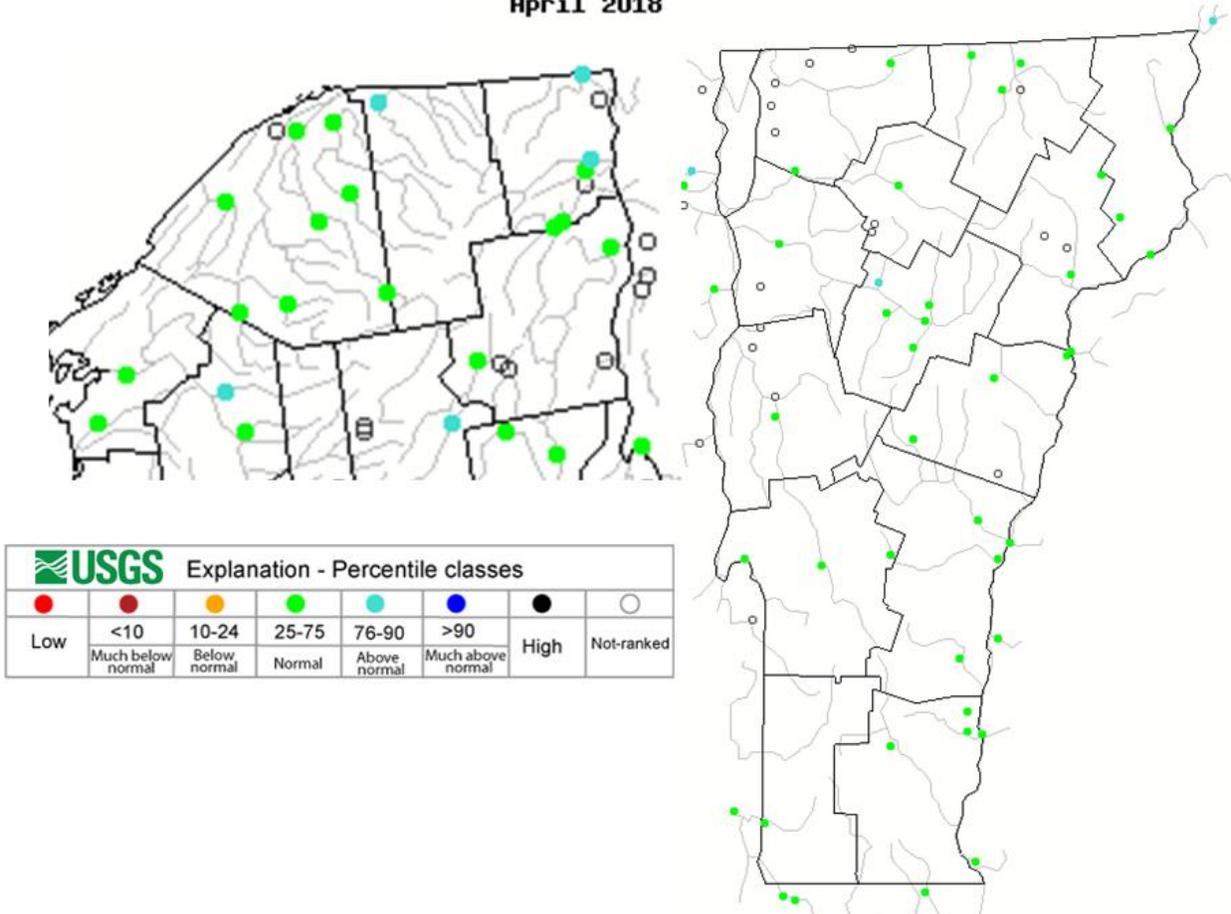


Figure 4: April 2018 monthly average streamflow for Northern New York and Vermont, showing normal to above normal area-wide.