

HYDROLOGIC SERVICE AREA (HSA)
Burlington VT

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
April 2016

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 9, 2016

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 2016 was the first month with below normal temperatures since October 2015, April was also drier than normal but ended up with near normal snowfall. Locations had between 1.5 – 4.0” of precipitation throughout the month. This was below normal for most of the area, with some above normal totals in the higher elevations. Parts of the Northern Green Mountains actually had 8-12” of snowfall through the month. With the below normal seasonal snowfall from the winter, flooding continued to be very minimal. We had one gage just reach flood stage, East Haven (EHVV1) on April 1st. Localized heavy rain with maybe a little bit of leftover snowmelt and ice movement, this was the only gage affected. Average streamflow across Northern New York and Vermont for April 2016 was normal to much below normal.

Figure 1 Total Monthly Precipitation April 2016

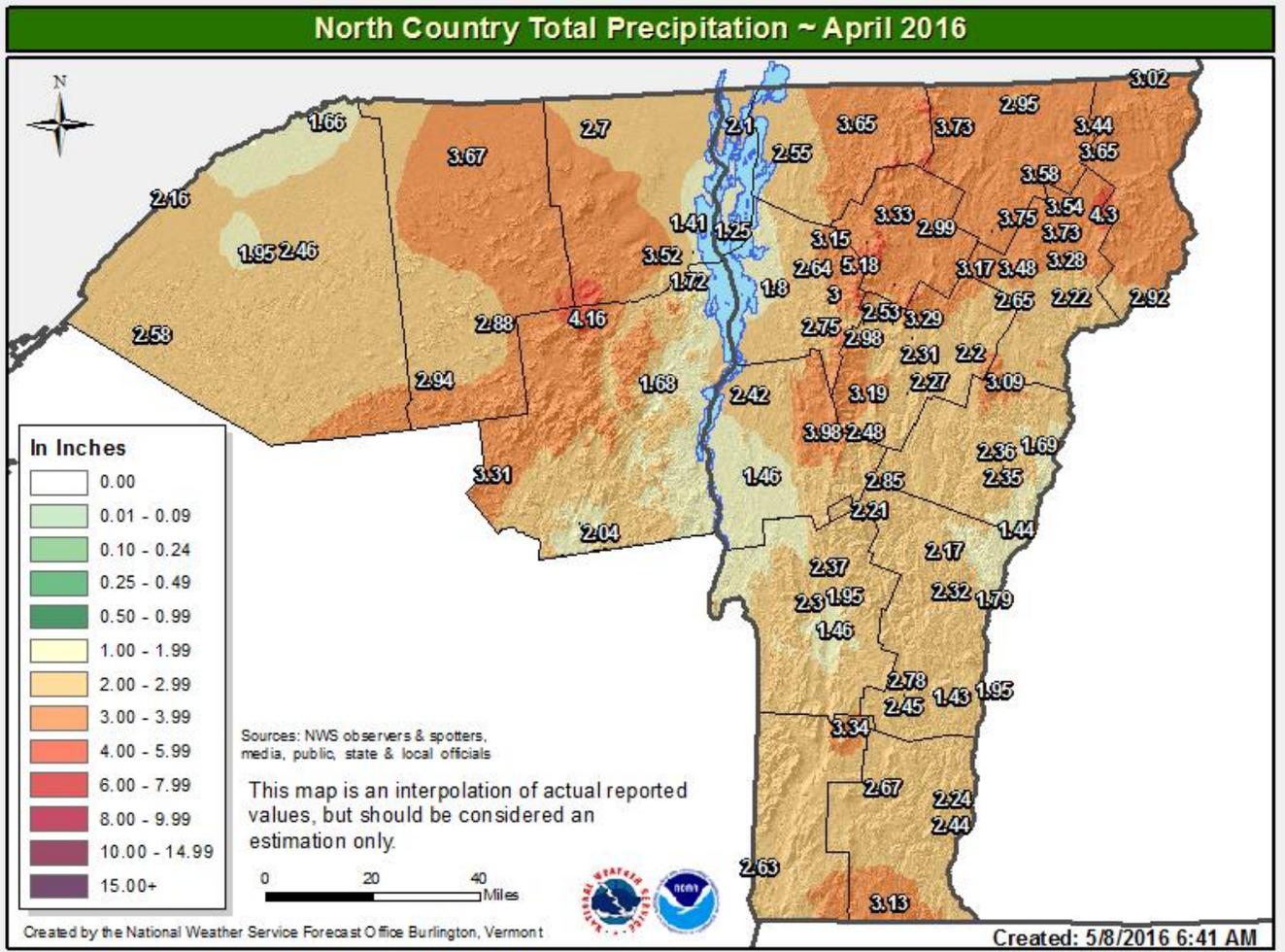


Figure 2 Total Monthly Snowfall April 2016

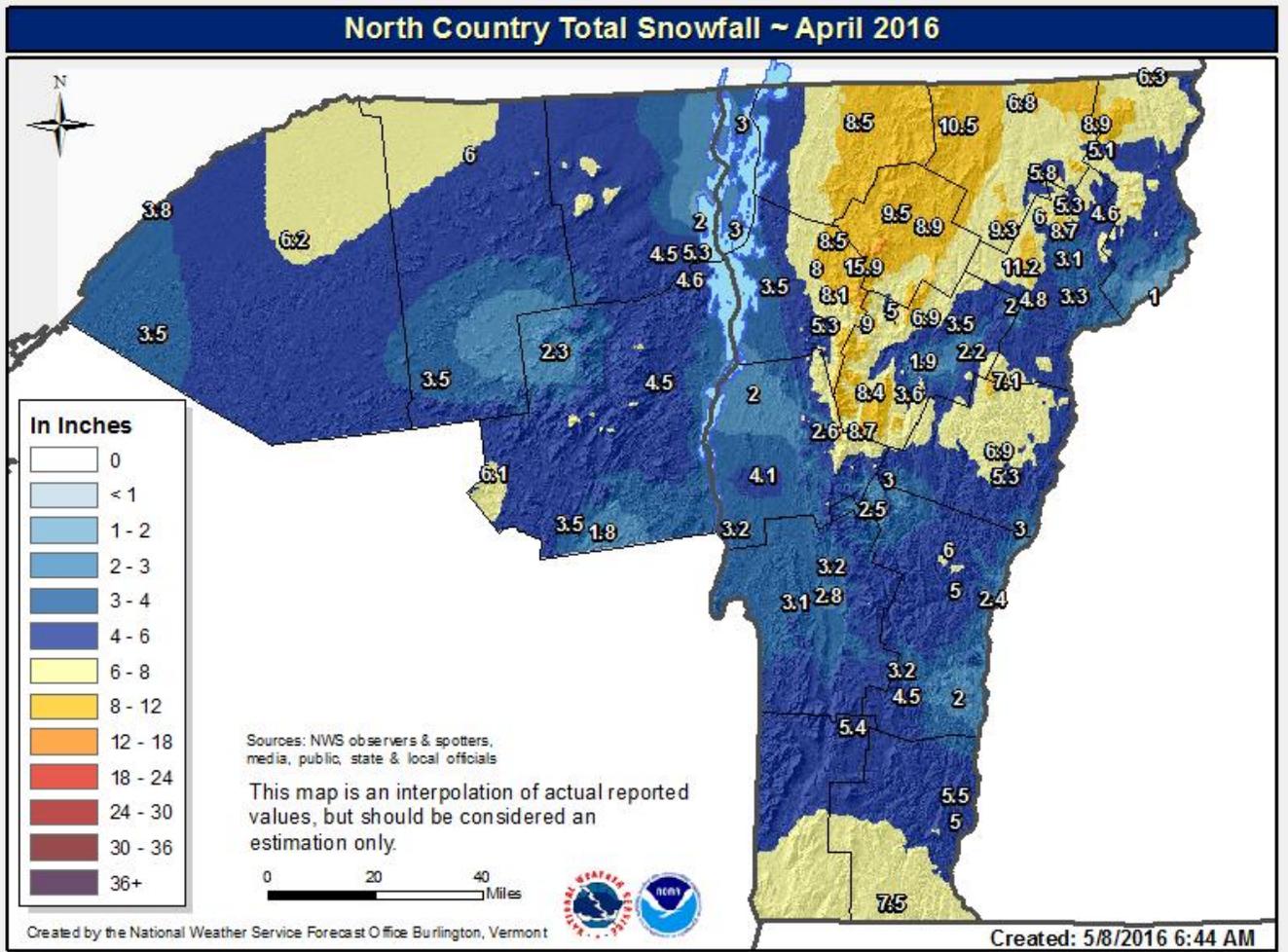


Figure 3 Precipitation Departure from Normal April 2016

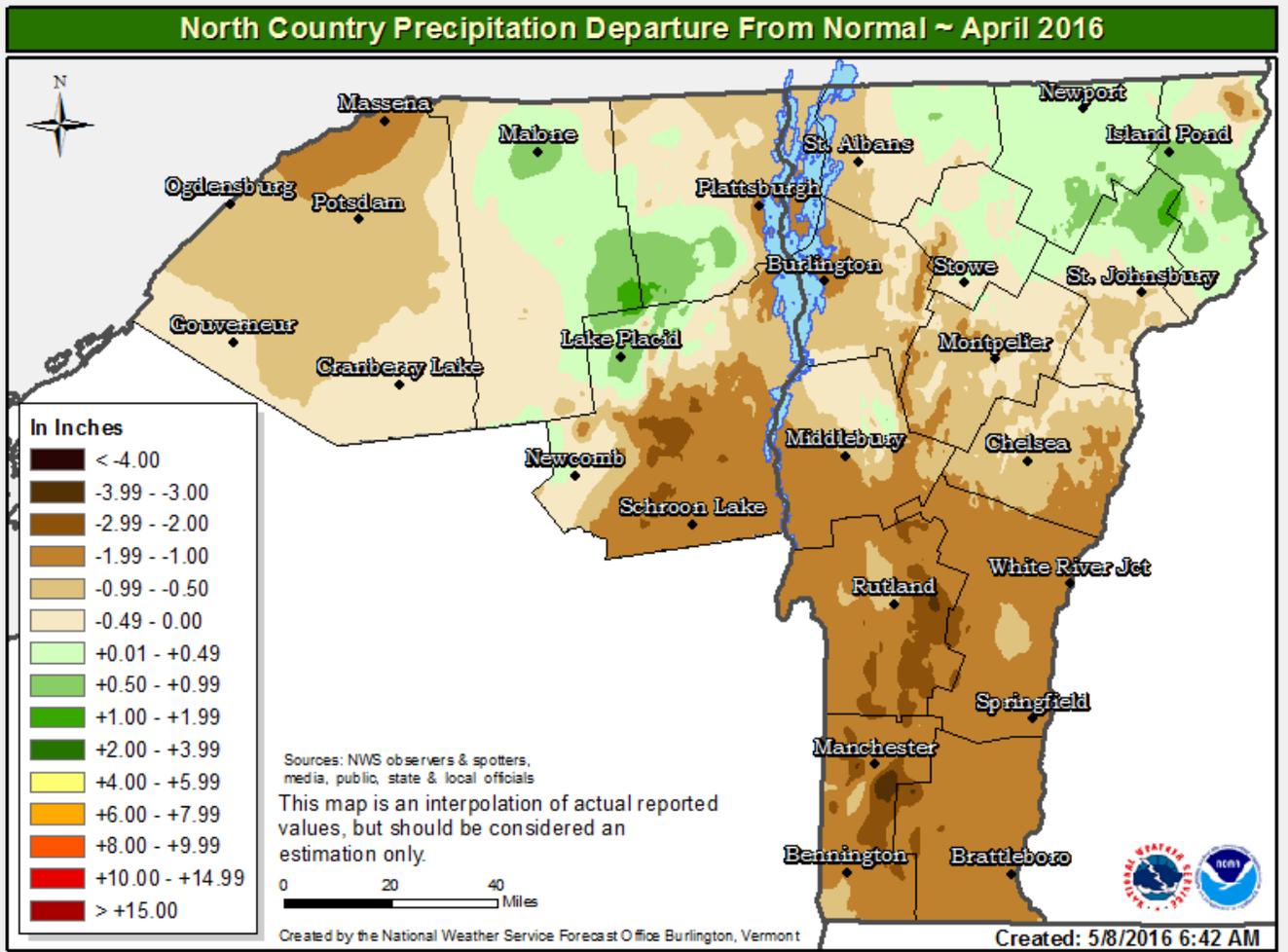


Figure 4 Temperature Departure from Normal April 2016.

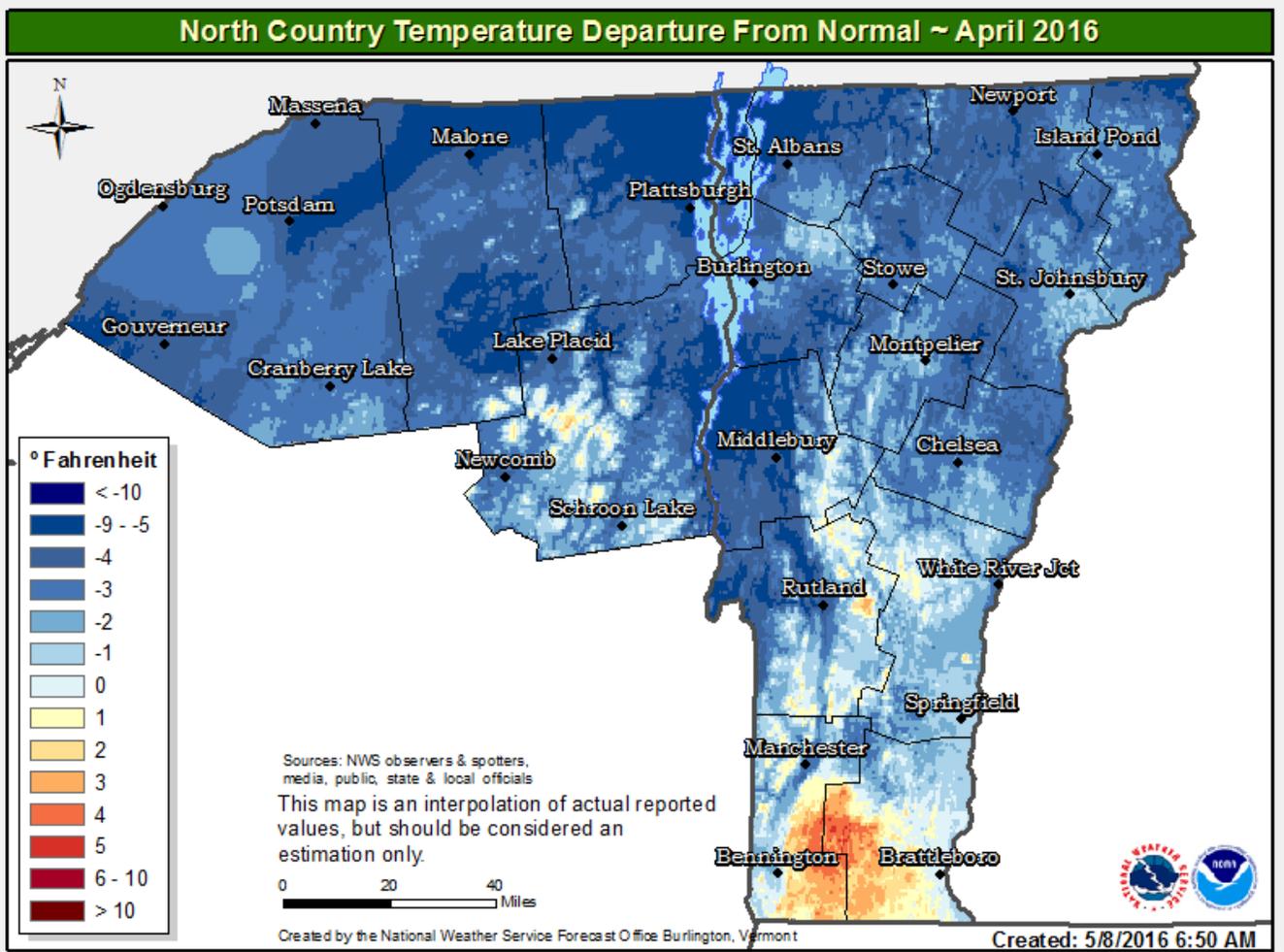


Figure 3 Snowfall Departure from Normal April 2016.

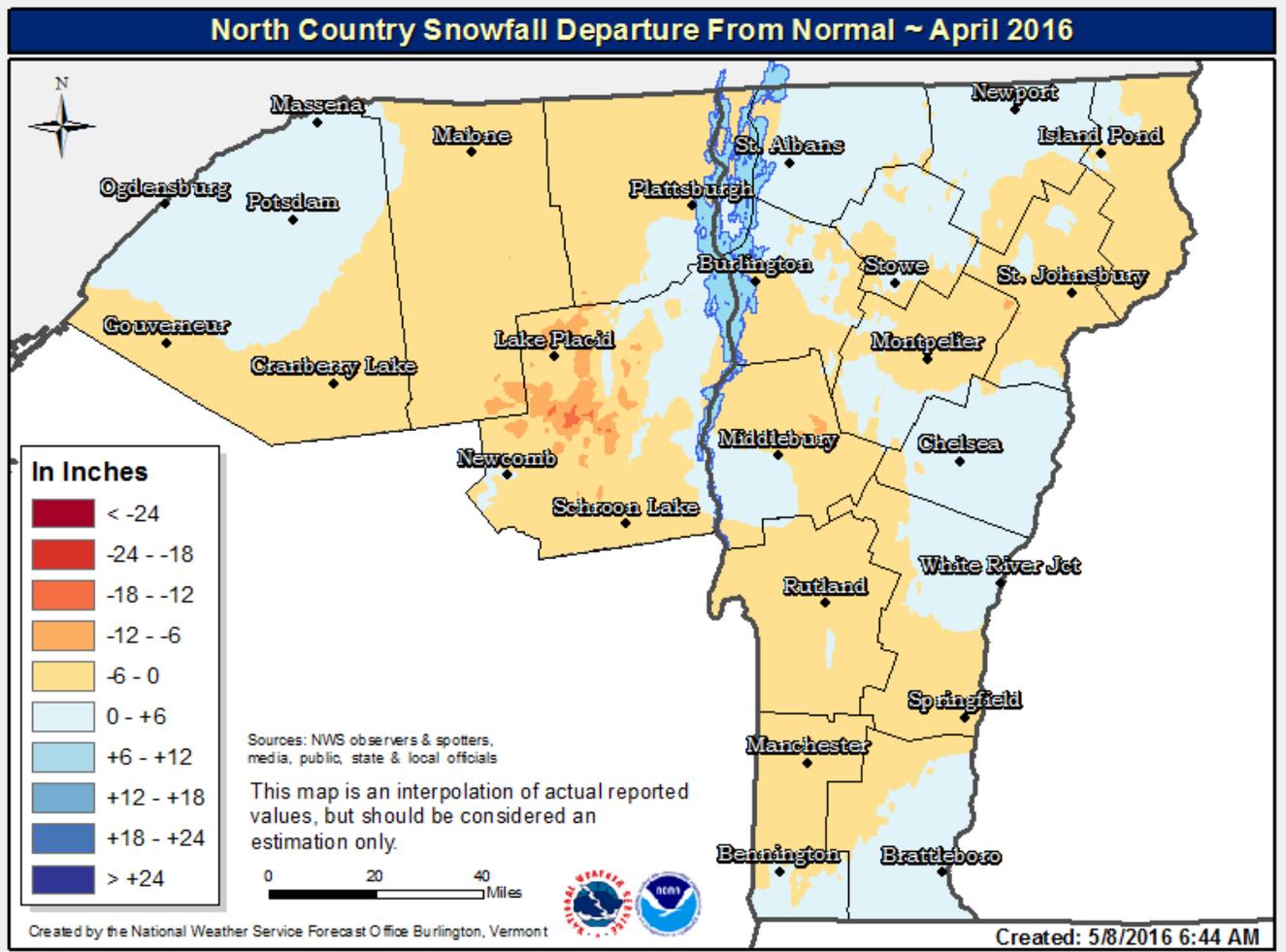


Figure 4 Average Streamflow for April 2016

April 2016

