

NWS Form E-5
(04-2006)
(PRES. BY NWS Instruction 10-924)

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

March 2013

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

SIGNATURE

/s/ Jessica A. Neiles, Meteorologist WFO BTV

DATE

April 10, 2013

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).



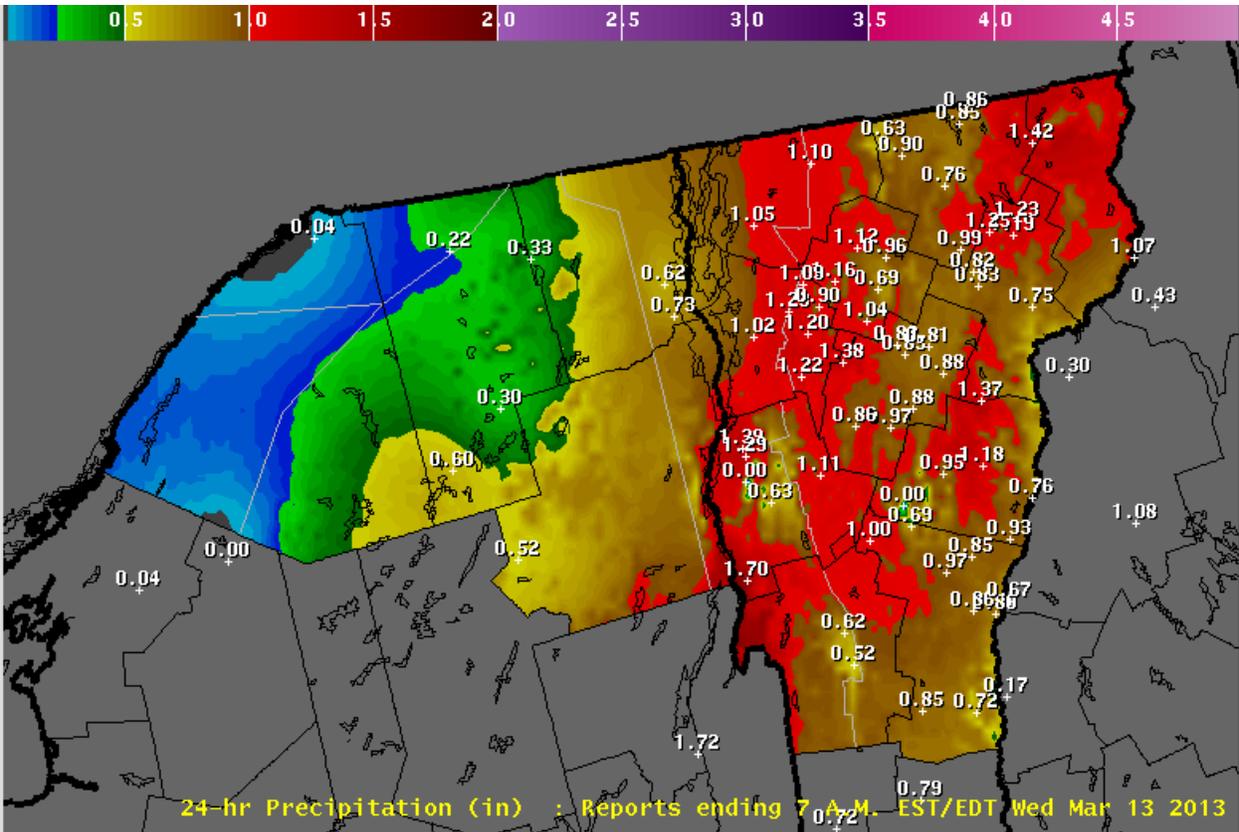
An X inside this box indicates that no flooding occurred within this hydrologic service area.

The month of March was fairly active for the Burlington, VT HSA. Northern and Central Vermont had the most precipitation. Some locations had monthly precipitation totals around an inch above normal. Both Northern New York and Southern Vermont had below normal precipitation. There was no flooding.

An occluded front on March 12th brought widespread rainfall to our forecast area, with the only exception being the Saint Lawrence Valley. Rainfall totals ranged from around a half an inch to an inch and a half of rain. This heavy rain caused rivers and streams to rise, which in turn caused some ice jams to break up. Seven river gages (CZRN6, JONV1, GEOV1, EBKV1, CENV1, PTCN6, & ESSV1) reached their action stages, but no flooding occurred.

A coastal low pressure system provided the North Country with a moderate to heavy snowfall event on March 19th and 20th. Most of Vermont had 4-14" of snow, with some higher amounts in the highest elevations along the international border.

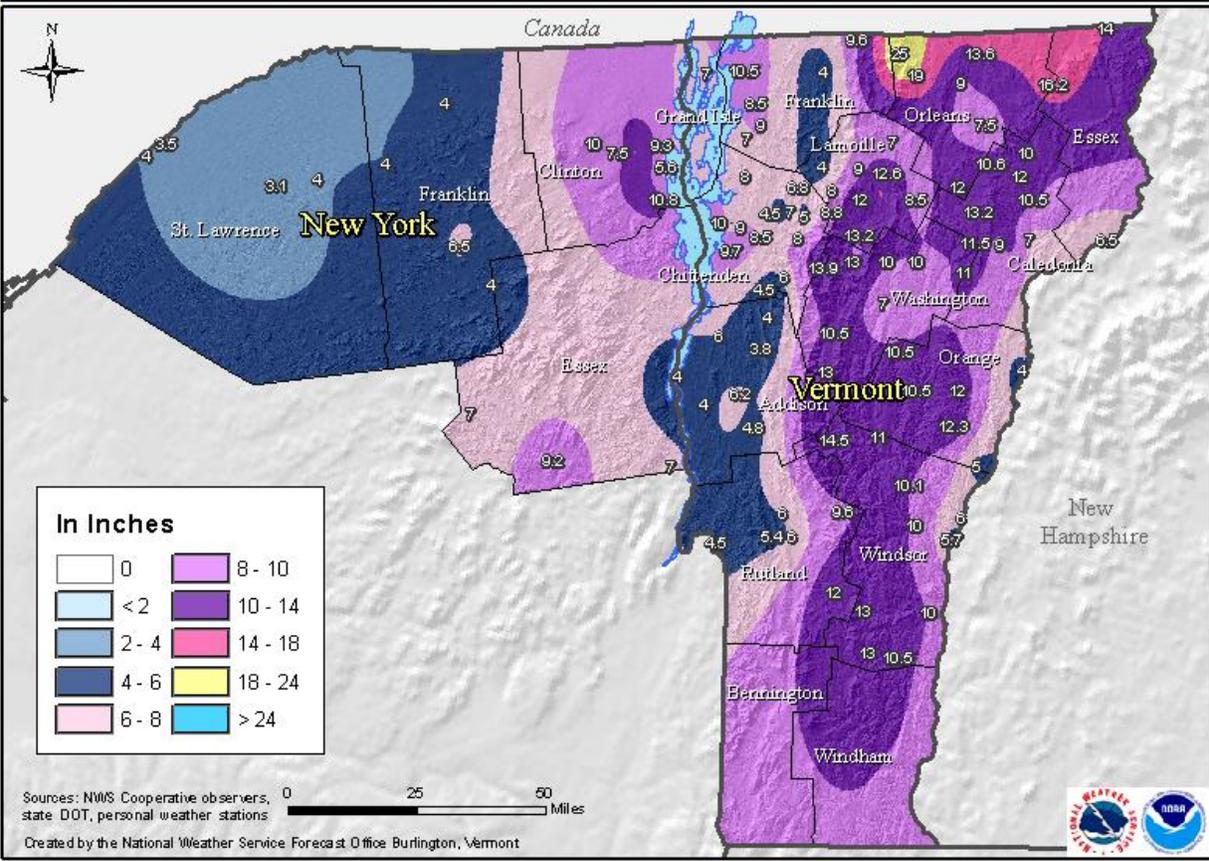
At the end of March there was still some snow across the higher elevations of the Green and Adirondack Mountains. Generally below normal snow depths remained, except for the elevations above 2500' where snow depths were near normal. River ice had cleared across the entire HSA, ending the ice jam threat.



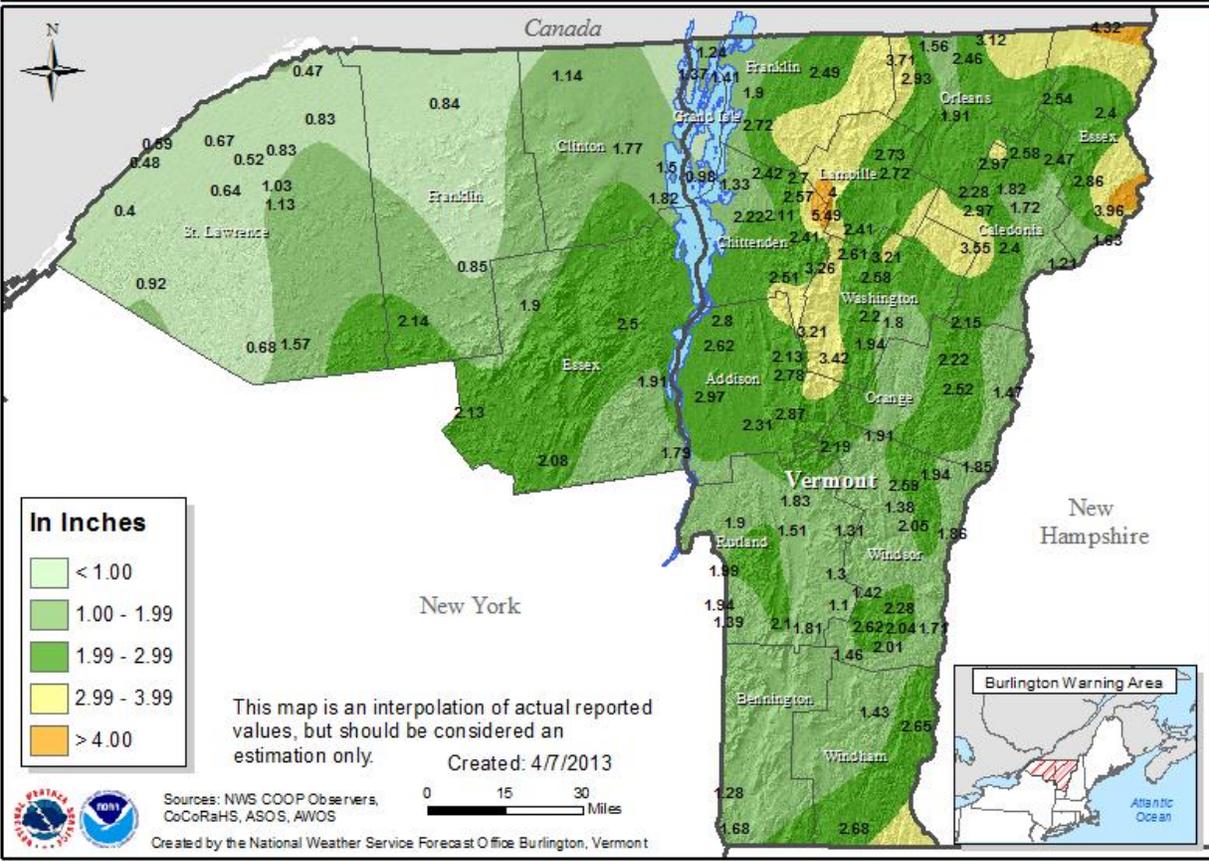
NOAA / National Weather Service Burlington, Vermont
 Graphic created: Wed Mar 13 2013 11:02 AM EDT



North Country 2-Day Snowfall Amounts - March 19th - 20th, 2013



North Country Monthly Precipitation Total - March 2013



North Country Monthly Precipitation Departure From Normal - March 2013

