

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
November 2020

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

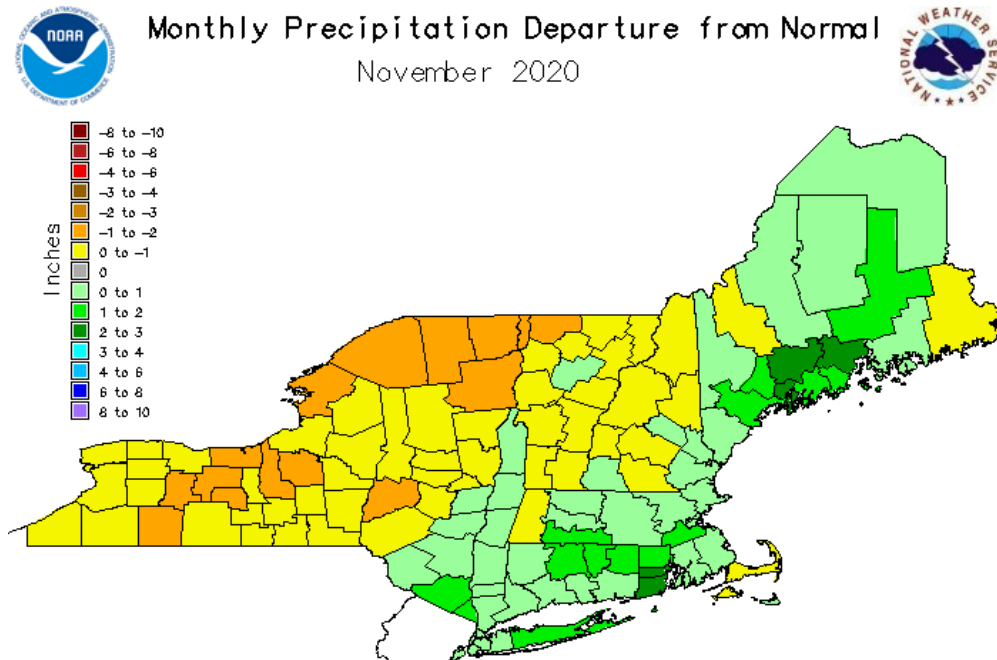
SIGNATURE
Nichole Hammond, Meteorologist /s/

DATE
12/18/2020

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.

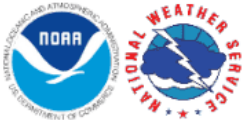
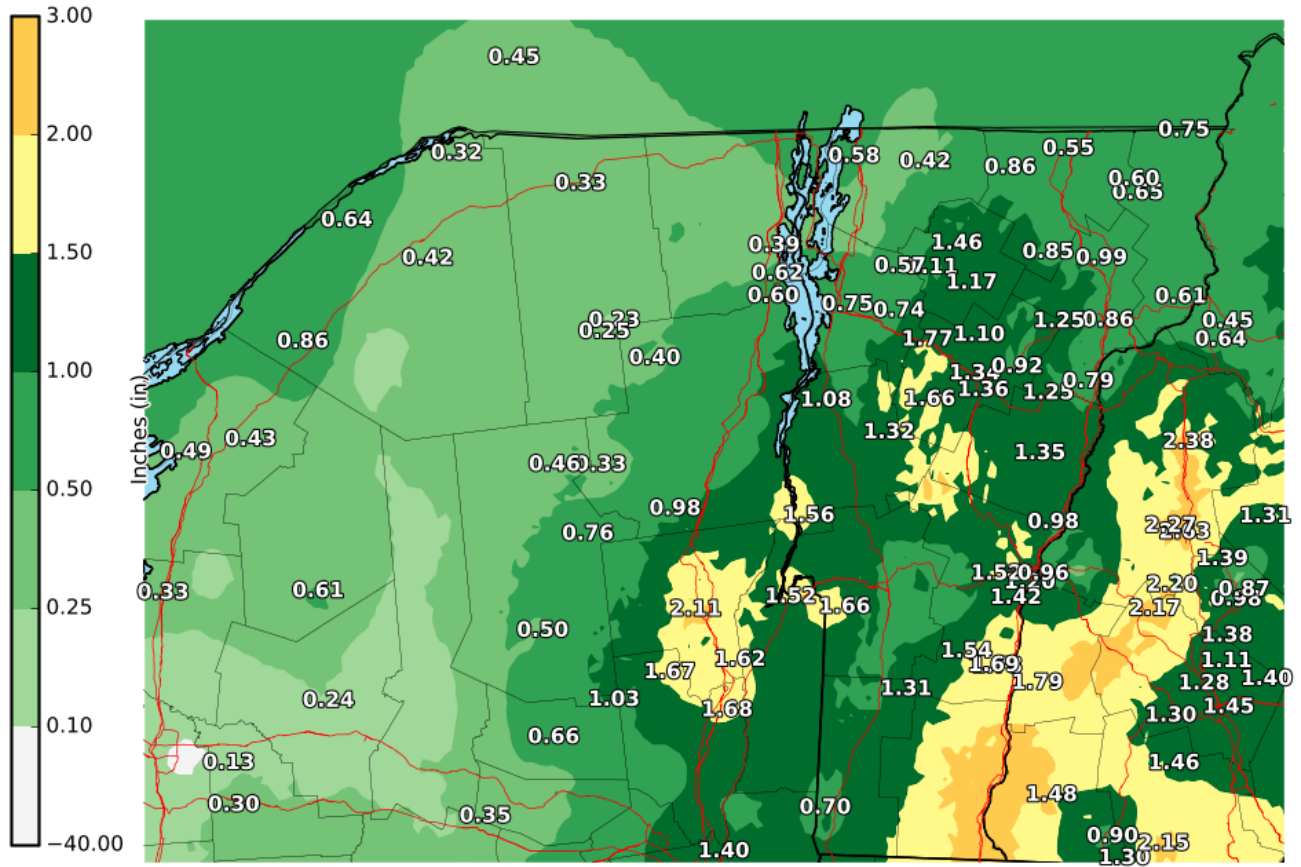
November 2020 was a relatively uneventful month for the BTV HSA with no floods occurring during this time. Overall, below normal precipitation was observed across northern New York while near to slightly below normal precipitation was observed across Vermont (Fig. 1). The month began with a light rainfall event in which totals up to 1 inch were received between November 2nd and 3rd. This was followed by a dry and anomalously warm period resulting in several daily record high temperatures. A couple more light rainfall events occurred mid-month on November 16th and again on November 23rd with rainfall totals of 0.5 to 1 inch in each case. A brief cold spell then graced the HSA towards the end of the month, marked by the first accumulating snowfall of the season. However, the biggest precipitation event of the month occurred on November 30th. During this event, 0.75 to 1.5 inches of rain fell across the HSA, though only slight rises were observed on area rivers due to antecedent dryness (Fig. 2). With that said, moderate drought to abnormally dry conditions have continued with little change from the month prior (Fig. 3).



Source: NOAA Northeast River Forecast Center, Taunton, MA

24-hr Precipitation Totals

Valid: 7 AM Monday November 30, 2020 to 7 AM Tuesday December 01, 2020



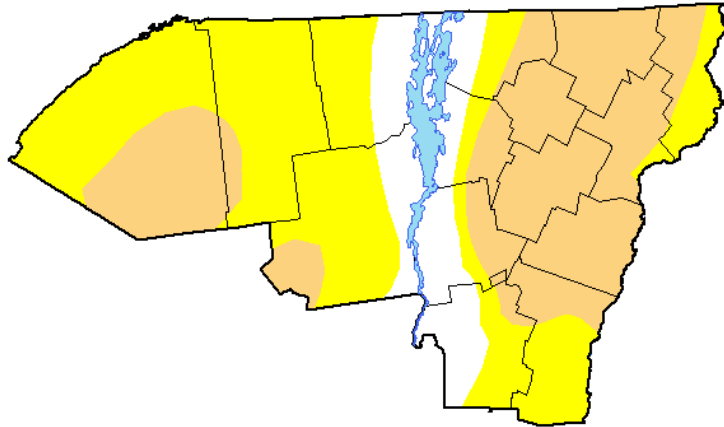
National Weather Service
Burlington, VT
12/01/2020 04:16 PM EST

Follow Us:   
weather.gov/Burlington

Figure 2

U.S. Drought Monitor Burlington, VT WFO

December 1, 2020
(Released Thursday, Dec. 3, 2020)
Valid 7 a.m. EST



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	16.32	83.68	39.78	0.00	0.00	0.00
Last Week 11-24-2020	16.32	83.68	42.67	0.00	0.00	0.00
3 Months Ago 09-01-2020	3.75	96.25	35.20	0.00	0.00	0.00
Start of Calendar Year 12-31-2019	100.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year 09-29-2020	0.00	100.00	60.50	18.06	0.00	0.00
One Year Ago 12-03-2019	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

Richard Heim
NCEI/NOAA



droughtmonitor.unl.edu

Figure 3