

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
 MONTH YEAR
 June 2012

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

SIGNATURE
 /s/ John M. Goff, METEOROLOGIST WFO BTV
 DATE
 July 22, 2012

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 June 2012 was characterized by a general northwesterly flow aloft with frontal passages and associated showery precipitation occurring every 3 to 5 days on average. The exception was an 8 to 10 day warm and dry stretch from the 14th through the 23rd in which strong high pressure became anchored across the region. During this period several high temperature records were broken as values climbed well into the 90s. Monthly precipitation totals averaged from 2.5 to 4.5 inches across the Burlington HSA with customary variability typical during the convective warm season (Fig. 1). These values were near to slightly below normal for the BTV HSA as a whole and continued prior trends of the past 6 to 8 months of longer term drying (Fig. 2). No significant or organized areas of flooding occurred during the month as mainstem river flows remained at or somewhat below average June base flows (Fig. 3).

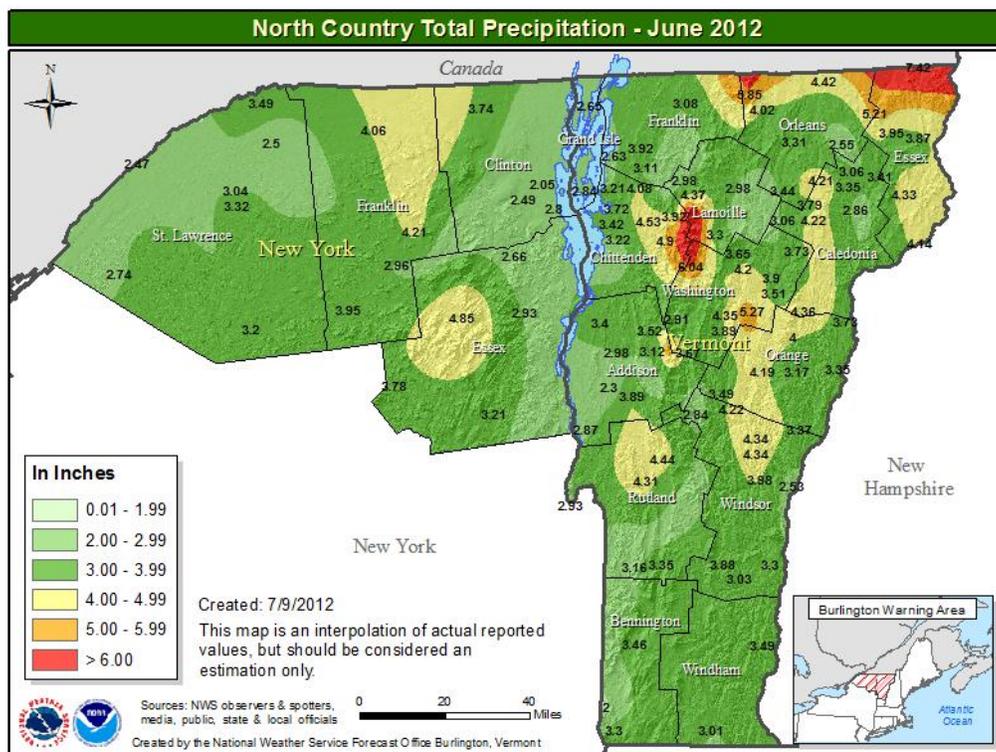


Figure 1. June 2012 precipitation totals.

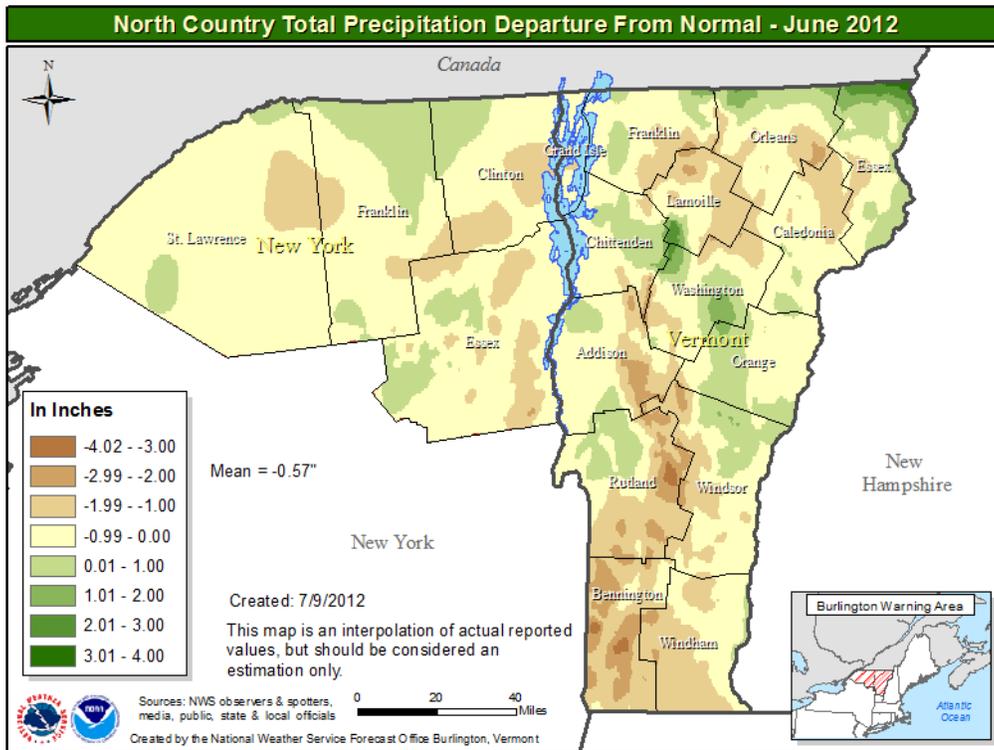


Figure 2. June 2012 precipitation departures.

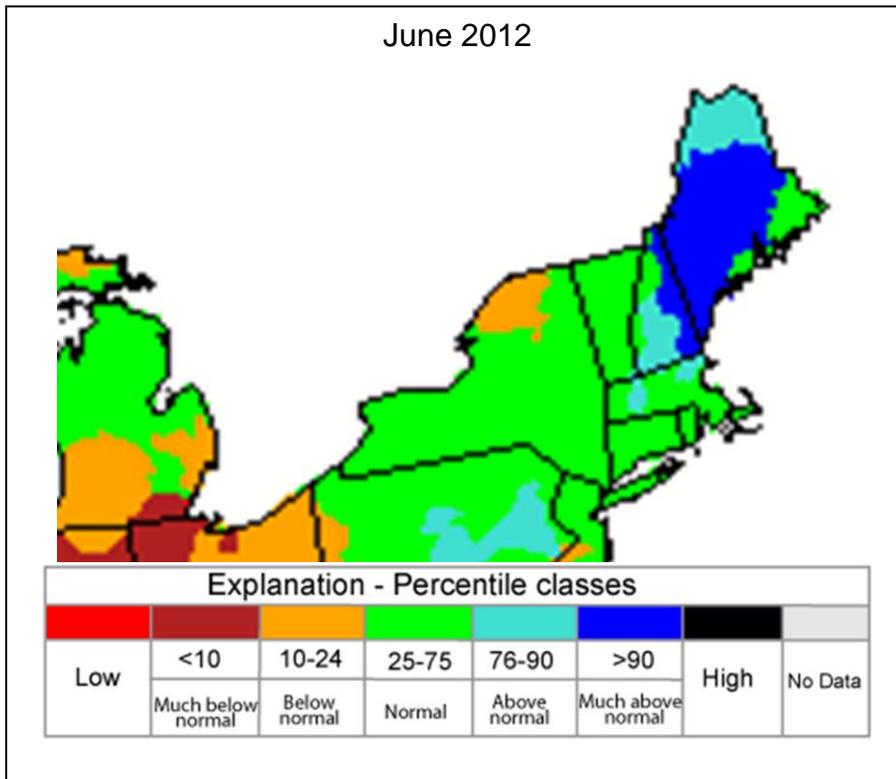


Figure 3. June 2012 monthly average streamflow showing near or slightly below average flows for the Burlington, VT HSA. Source: USGS