

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
MONTH YEAR
May 2017

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

SIGNATURE
Gregory Hanson, Service Hydrologist

DATE
6/14/2017

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.

River flows trended downward during May, even while maintaining above normal flows (Fig 1) and experiencing periodic rises from rainfall events. While persistent and above normal (Figs 2 & 3), rainfall was not excessive, and no flooding was experienced. A lingering area of Abnormally Dry, D0, designated by the National Drought Monitor was eliminated early in the month (Fig 4) by the above normal rainfall.

The biggest river rises were on May 1 & 2, when one to two inches of rain caused rises of two to three feet. Smaller rises were seen on May 8, 15, and 26-27 with other rainfall events. Lake Champlain trended steadily downward during the month, from 99.22 feet to 97.92 feet, while remaining slightly above normal (Fig 5).

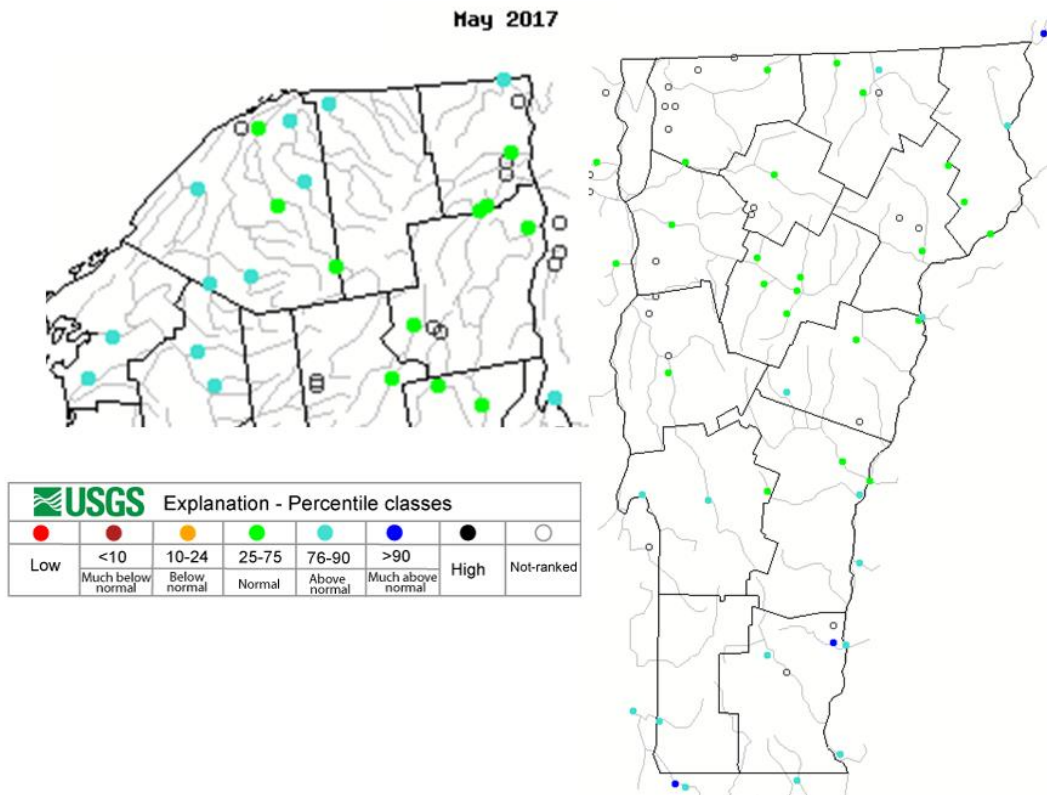


Figure 1, Monthly mean streamflow for May 2017

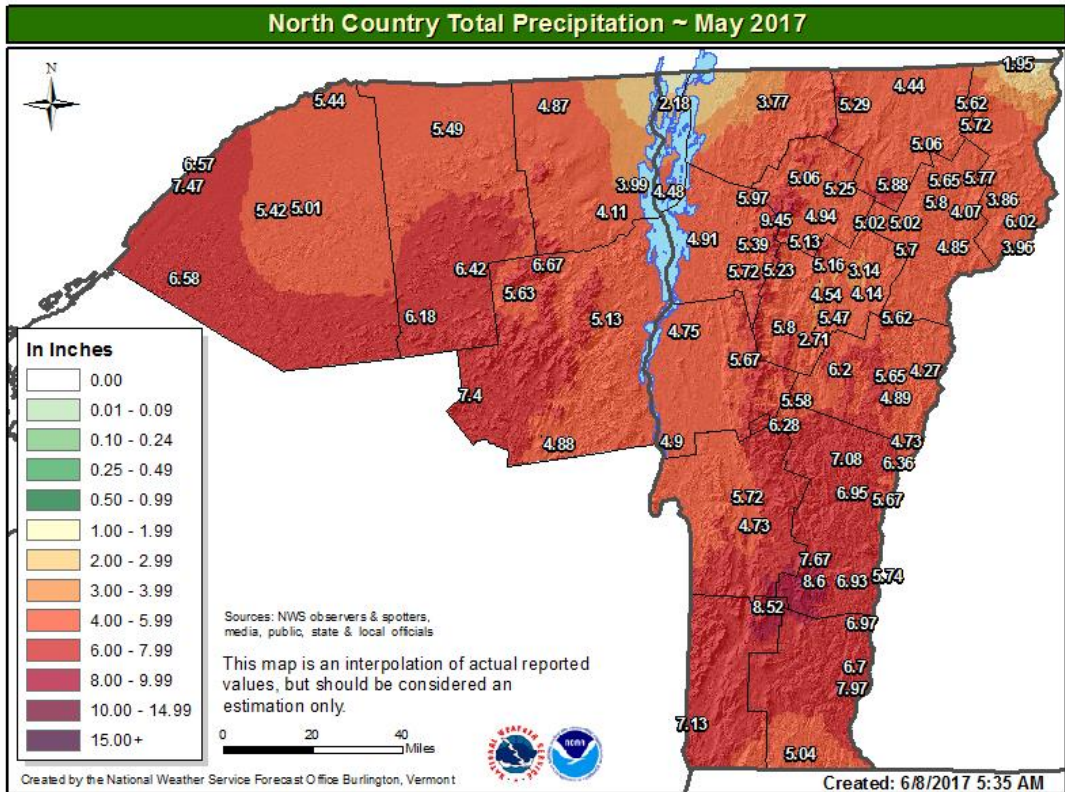


Figure 2

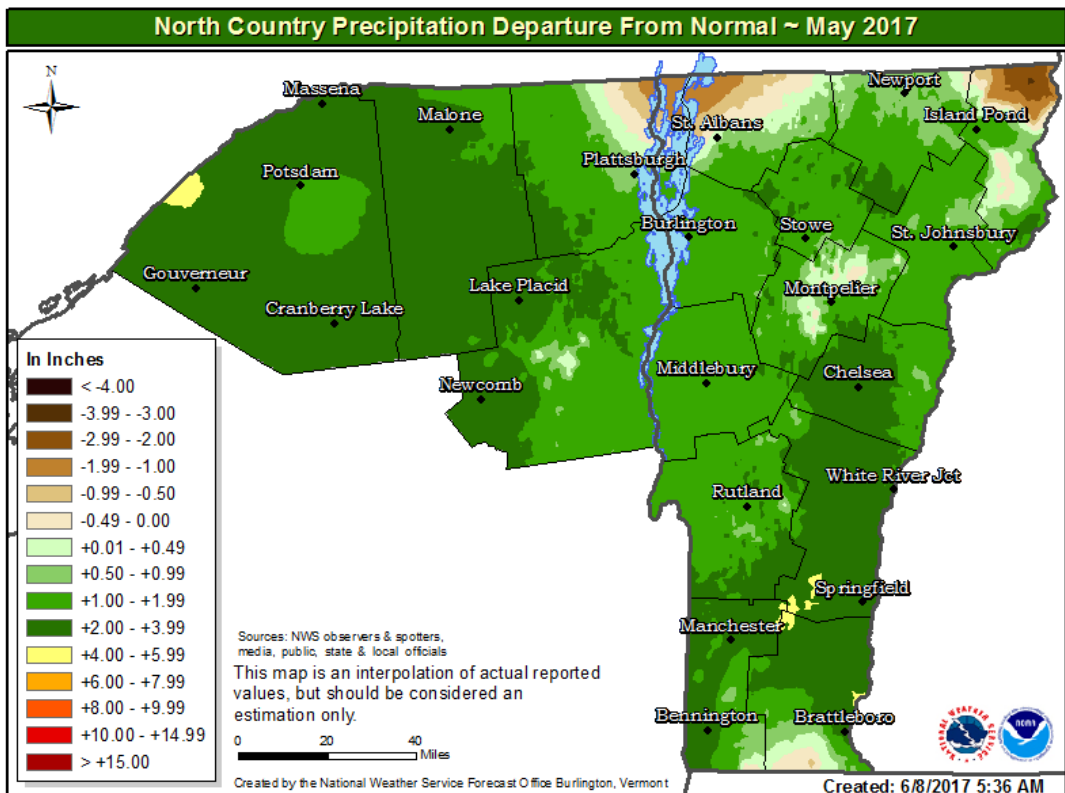


Figure 3

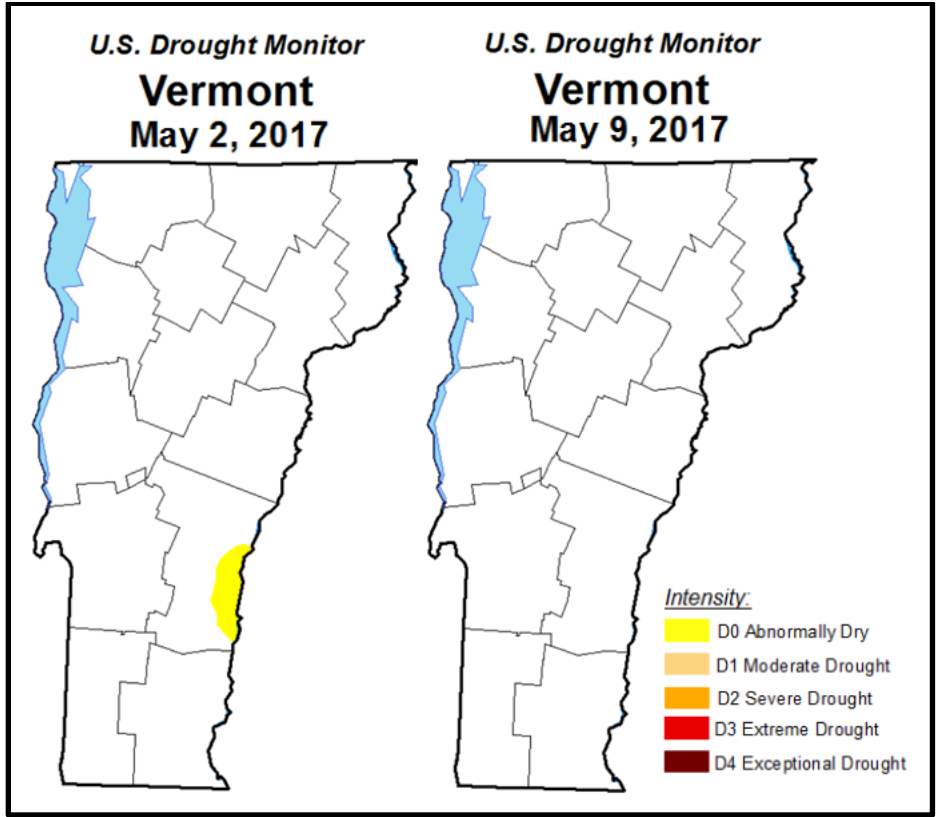


Figure 4, US Drought monitor D0 elimination May 2 & 9 2017

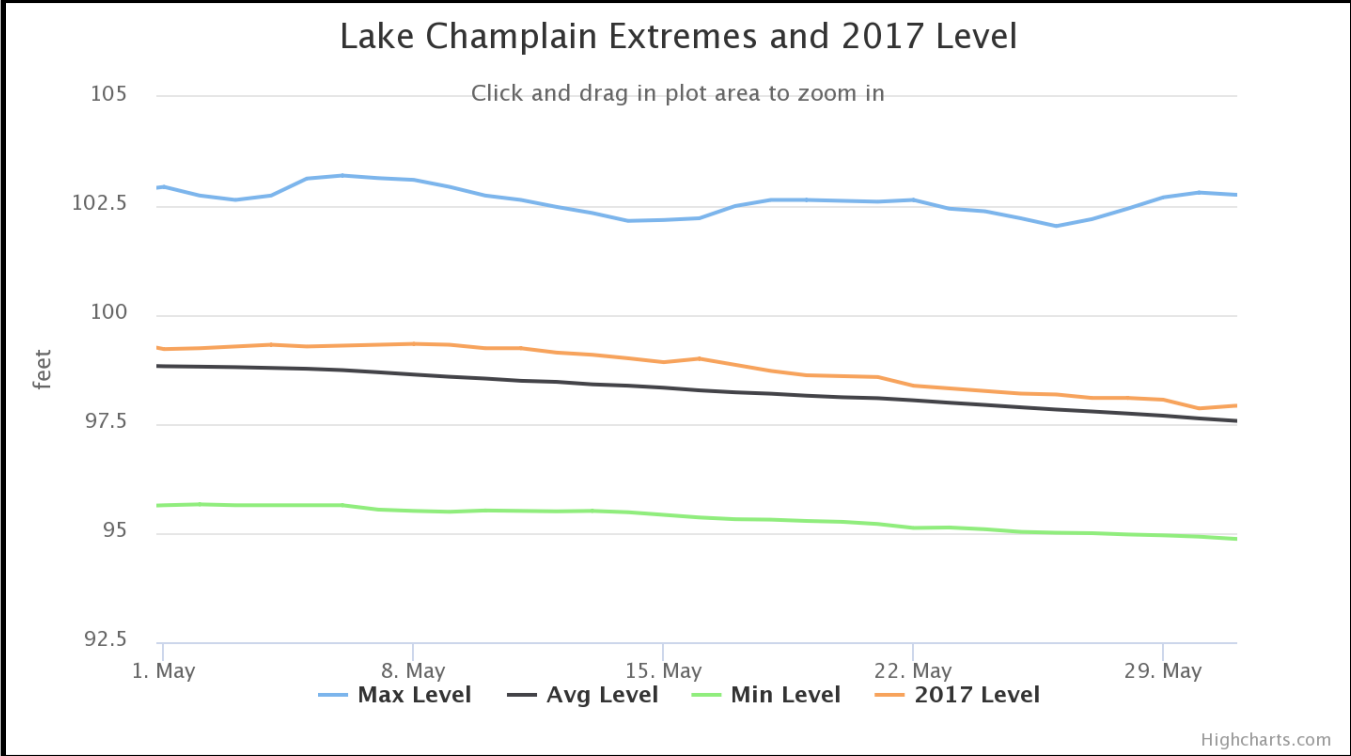


Figure 5