

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
October 2014

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

SIGNATURE
/s/ Gregory A. Hanson, SH WFO BTV

DATE
November 8 2014

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.

October 2014 was a quiet month from a hydrologic perspective. There were periodic rainfall events that caused only small rises on area rivers. With the growing season coming to an end river flows trended upwards slightly from seasonal lows as more precipitation was converted to runoff. Lake Champlain reached its lowest level of the year around mid-month, at 94.08 feet on October 15. In the latter half of the month the Lake began to rise in response to increased runoff from rainfall and the end of the growing season.

Precipitation totals for the month were slightly above normal in the Saint Lawrence and Champlain Valleys, and below normal elsewhere (Figs 1 & 2). For the first half of October lingering dryness mainly in Vermont characterized that region as D0, abnormally dry, by the US Drought Monitor (Fig 3). Conditions in Vermont improved by the end of the month. Portions of the Adirondack Mountains, mainly in the east, saw less than two inches of rain during the month, and were characterized as D0 in the October 28 issuance of the US Drought Monitor (Fig 4).

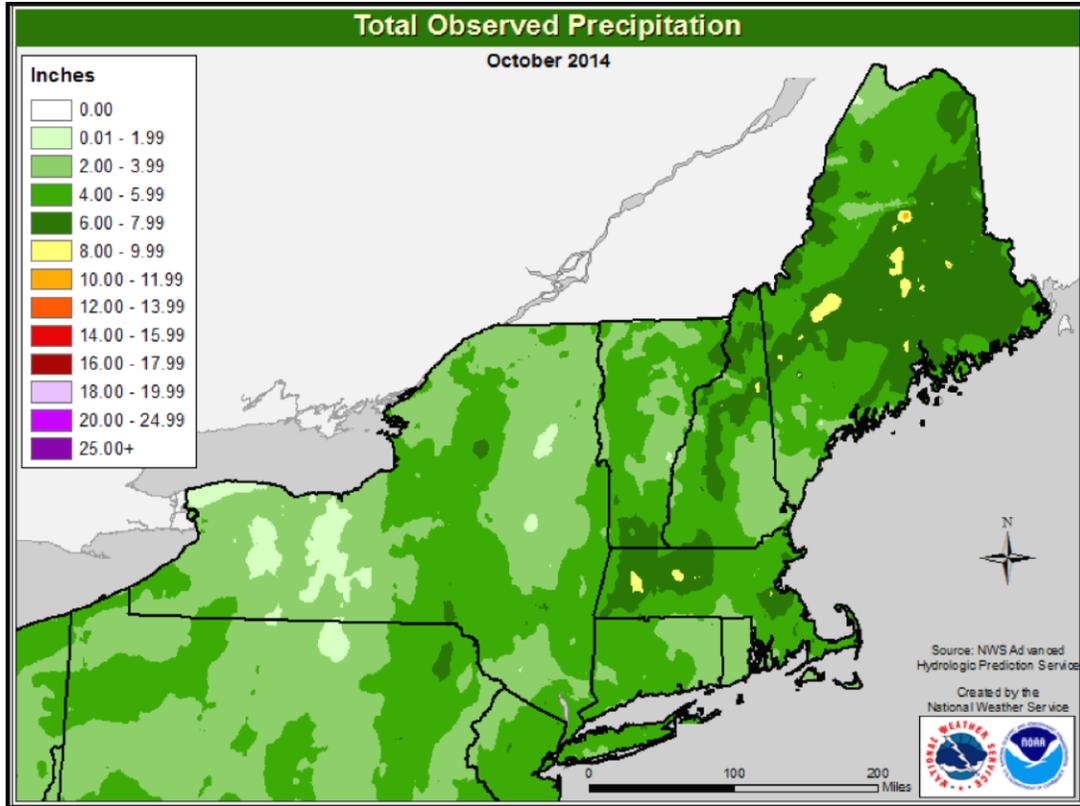


Figure 1, Total Precipitation October 2014

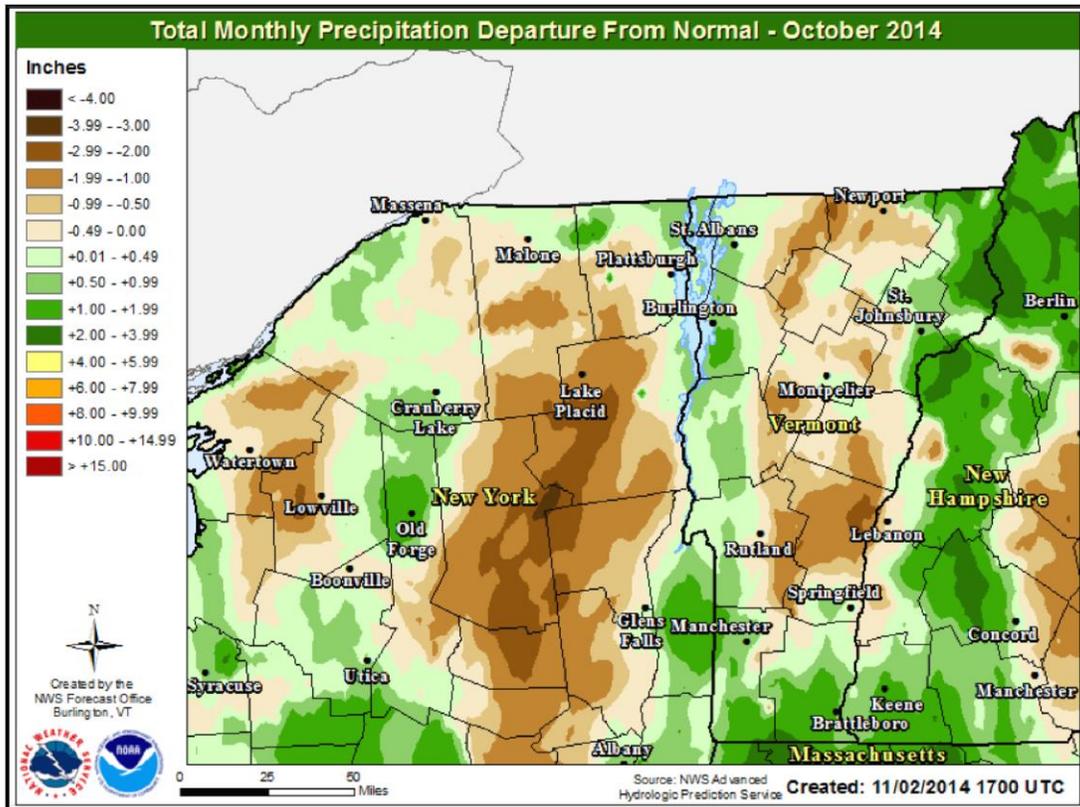


Figure 2, Departure from Normal October 2014

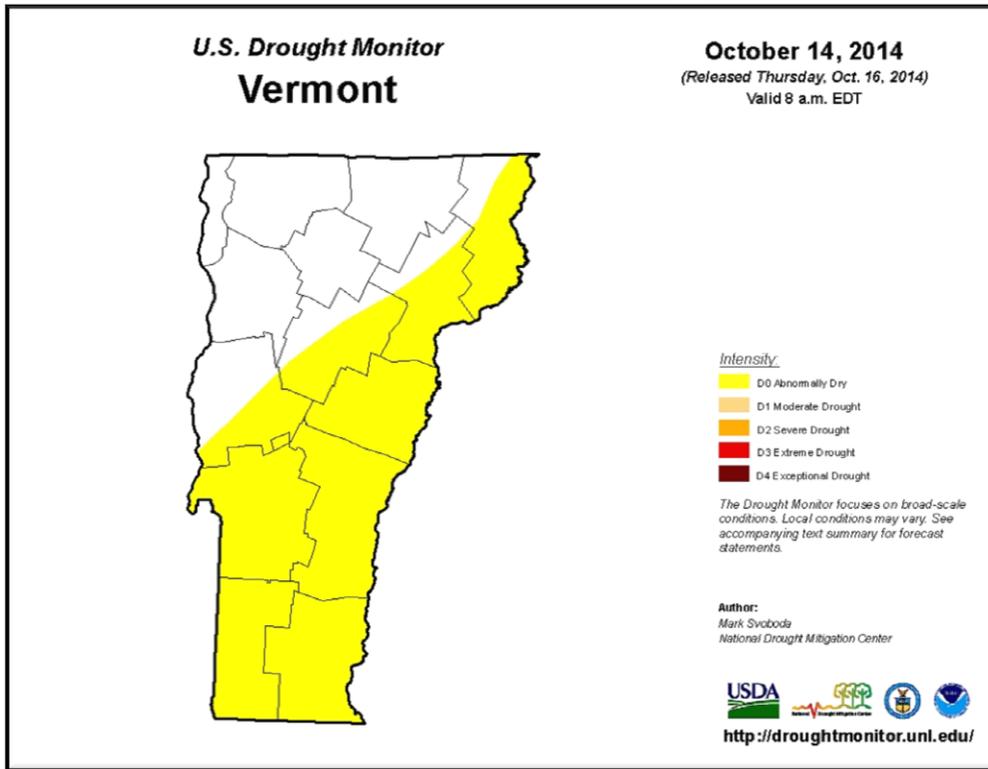


Figure 3

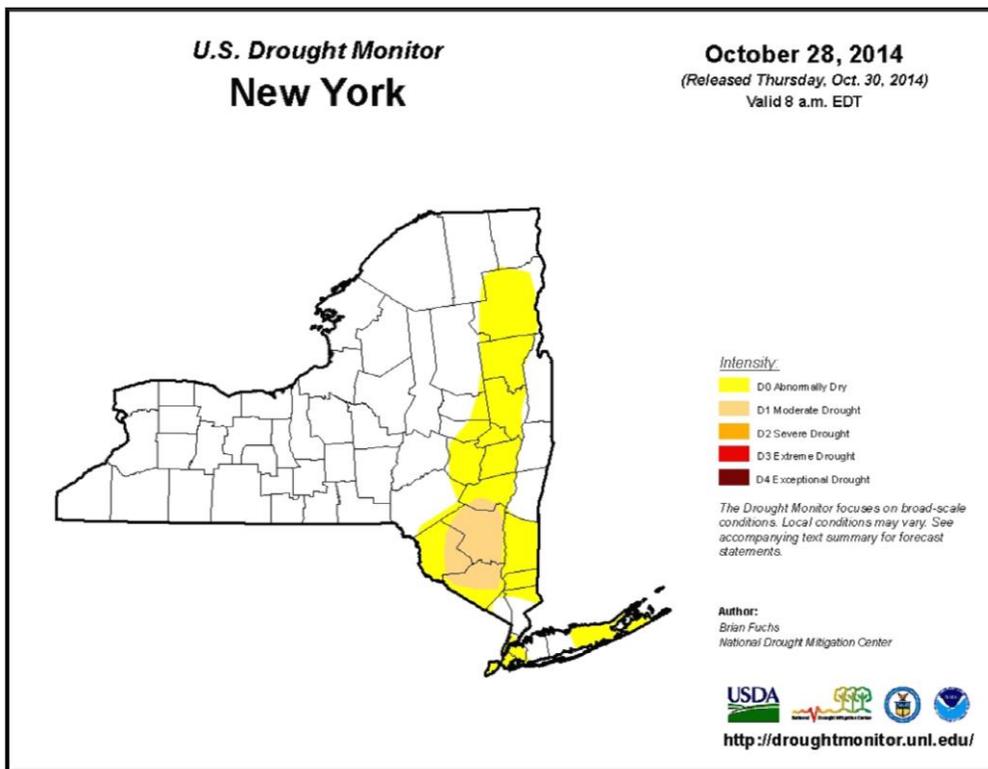


Figure 4

**Significant River Crests
July 2011
WFO Burlington VT**

-none-