

MONTHLY REPORT OF HYDROLOGIC CONDITIONS

REPORT FOR:
 MONTH YEAR
 September 2014

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
 October 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.

September 2014 continued trends established in August with sporadic, frontally induced rainfall interspersed by long stretches of dry weather. No flooding was reported and by month's end 30-day deficits generally ran in the 1 to 3 inch range, or approximately 33 to 75 percent of normal (Figure 1 and Table 1). As a result of the longer term dryness, flows on most Vermont and northern New York rivers were running at or below normal by September 30 (Figure 2). Additionally, portions of the Burlington HSA remain in abnormally dry conditions (D0-D4) according to the U.S. Drought Monitor.

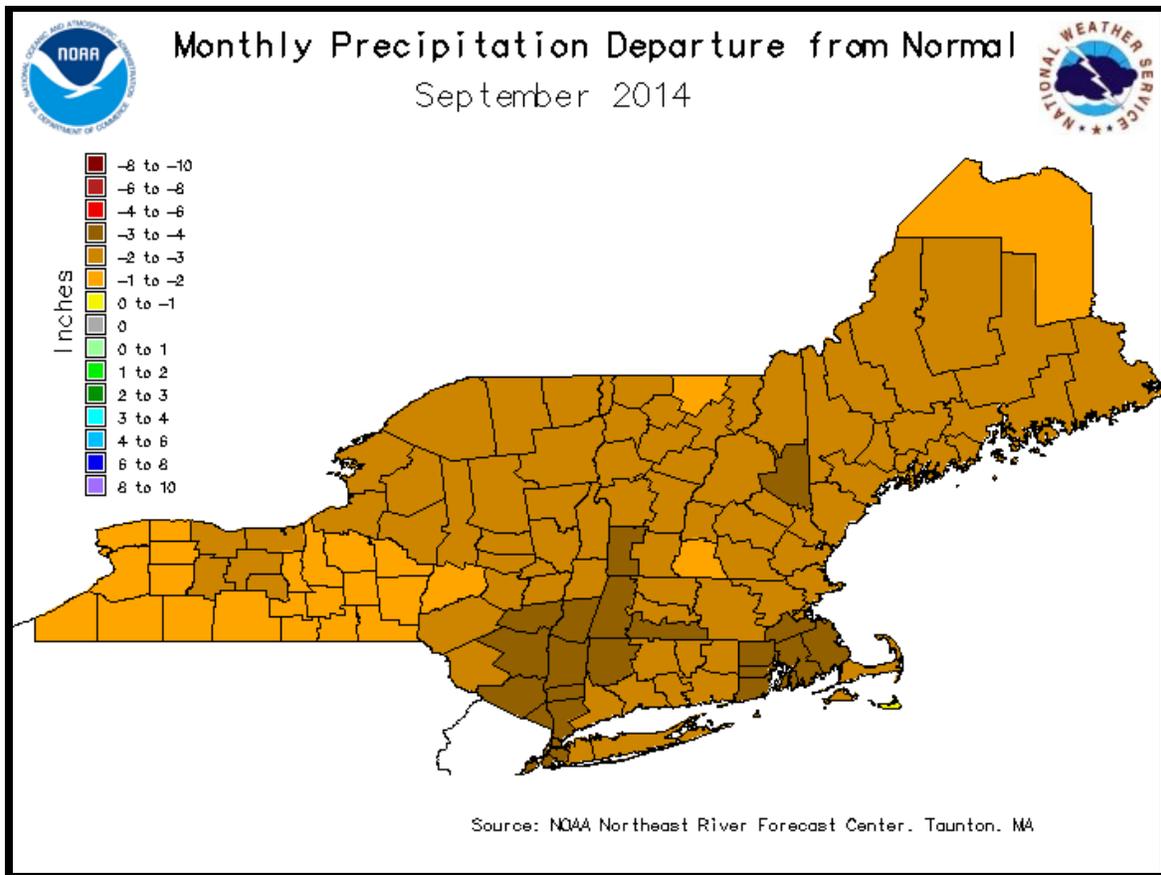


Figure 1. Precipitation departures from normal for the month of September 2014. Data courtesy NWS Northeast River Forecast Center.

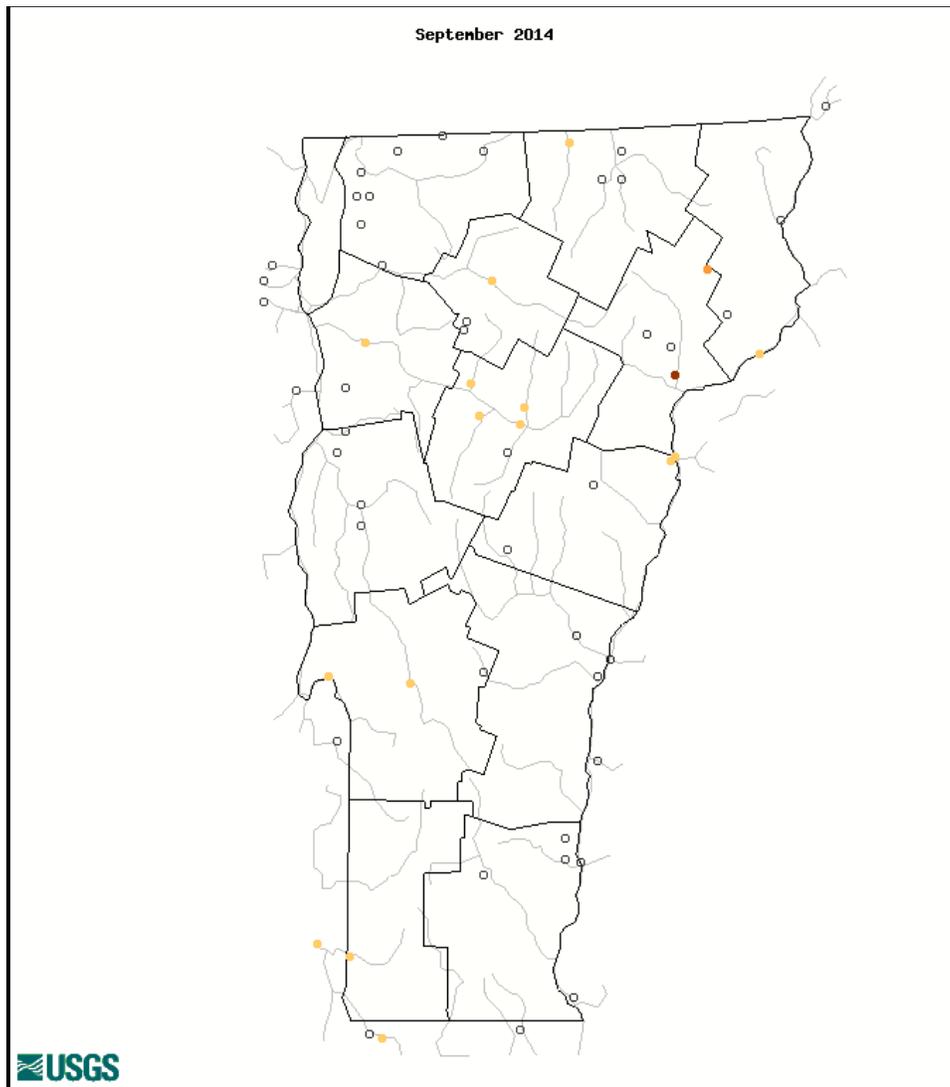


Figure 2. Map of below normal monthly average streamflow compared to historical streamflow for the month of September 2014 (Vermont). Data courtesy USGS.

Location	ID	Total	Normal	Departure	% of Normal
Burlington, VT	KBTV	1.63	3.64	-2.01	45
Montpelier, VT	KMPV	1.55	3.12	-1.57	50
Springfield, VT	KVSF	1.15	3.76	-2.61	31
St. Johnsbury, VT	K1V4	1.43	3.39	-1.96	42
Morrisville, VT	KMVL	2.66	3.37	-0.71	79
Rutland, VT	KRUT	1.36	n/a	n/a	n/a
Plattburgh, NY	KPBG	0.86	n/a	n/a	n/a
Saranac Lake, NY	KSLK	2.00	3.29	-1.29	61
Massena, NY	KMSS	1.21	3.65	-2.44	33

Table 1. Monthly precipitation totals and departures for selected automated surface observing sites (ASOS) (September 2014, NWS Burlington, VT HSA).