

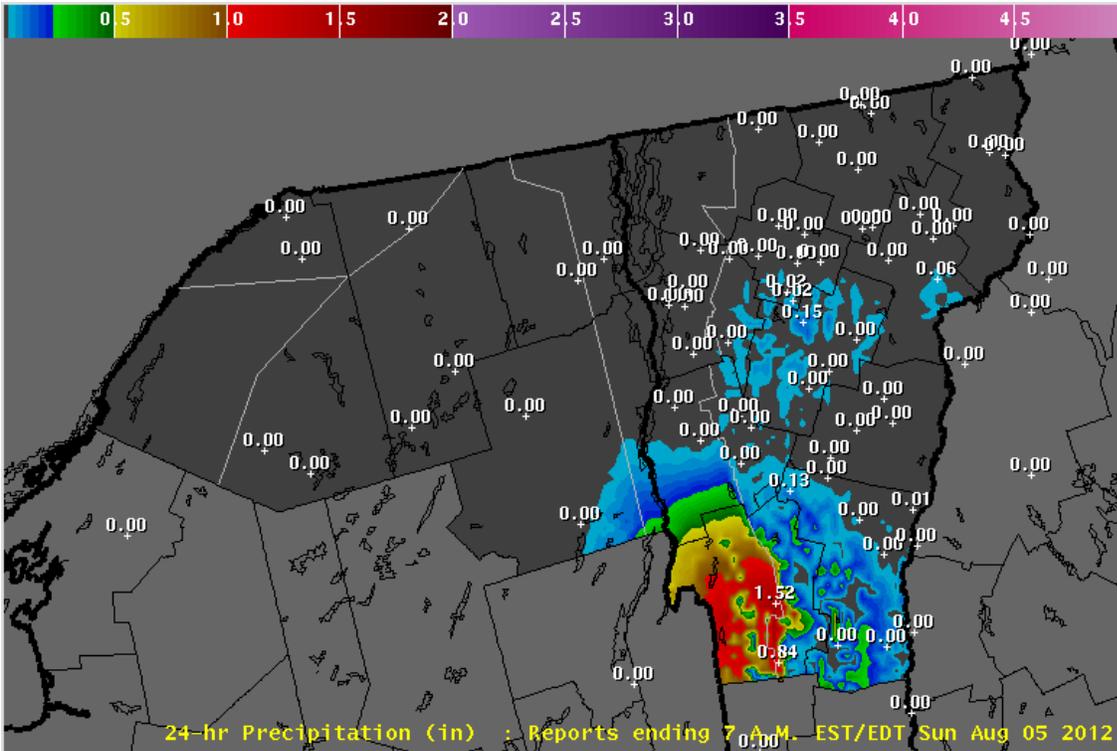
NWS Form E-5 (04-2006) (PRES. BY NWS Instruction 10-924)	U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE	HYDROLOGIC SERVICE AREA (HSA) Burlington VT
MONTHLY REPORT OF HYDROLOGIC CONDITIONS		REPORT FOR: MONTH YEAR August 2012
		SIGNATURE /s/ Jessica A. Neiles, Meteorologist WFO BTV DATE September 13, 2012
TO: Hydrologic Information Center, W/OS31 NOAA's National Weather Service 1325 East West Highway Silver Spring, MD 20910-3283		

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).

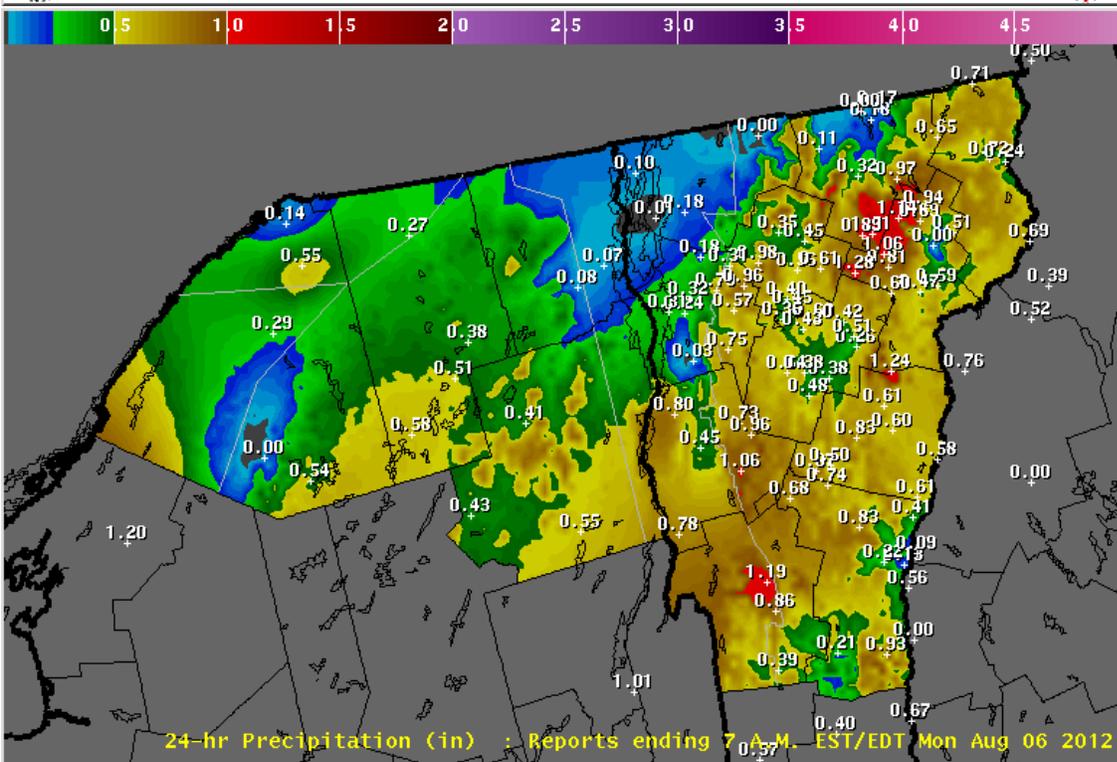
An X inside this box indicates that no flooding occurred within this hydrologic service area.

Rainfall totals for the month of August ranged from a little over an inch of rain to more than five and a half inches of rain. Most of our forecast area experienced less rain than climatologically normal for the month of August.

A cold front lifted North across the forecast area on August 4th bringing scattered showers and thunderstorms to the region. Some of these storms produced heavy rain, especially in Southern Vermont where an inch to an inch and a half of rain fell in Rutland County. More showers and thunderstorms developed on the 5th with much more widespread precipitation. Most of Vermont had at least a half an inch of rain, with some areas having over an inch of rainfall in the 24 hour period.



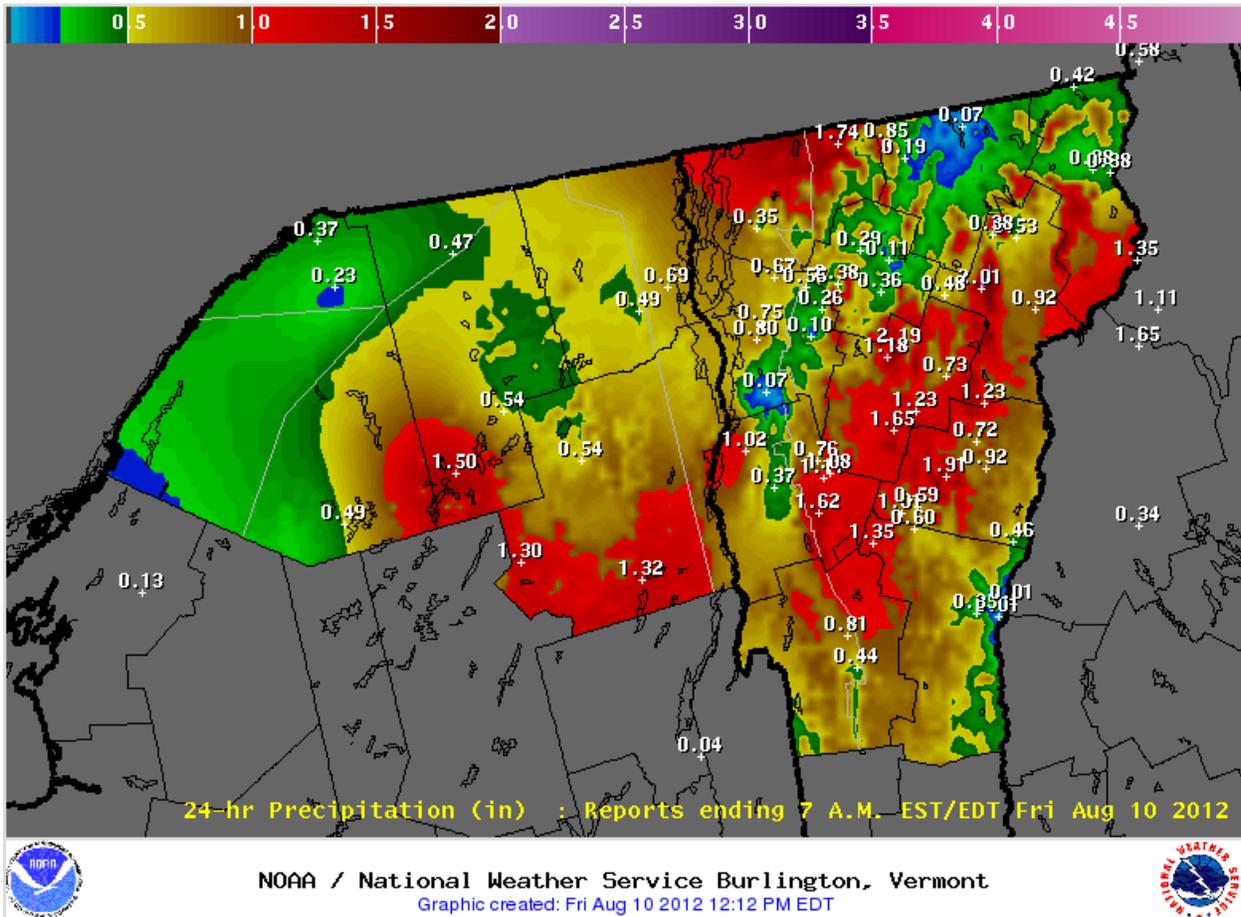
NOAA / National Weather Service Burlington, Vermont
 Graphic created: Sun Aug 05 2012 10:28 AM EDT

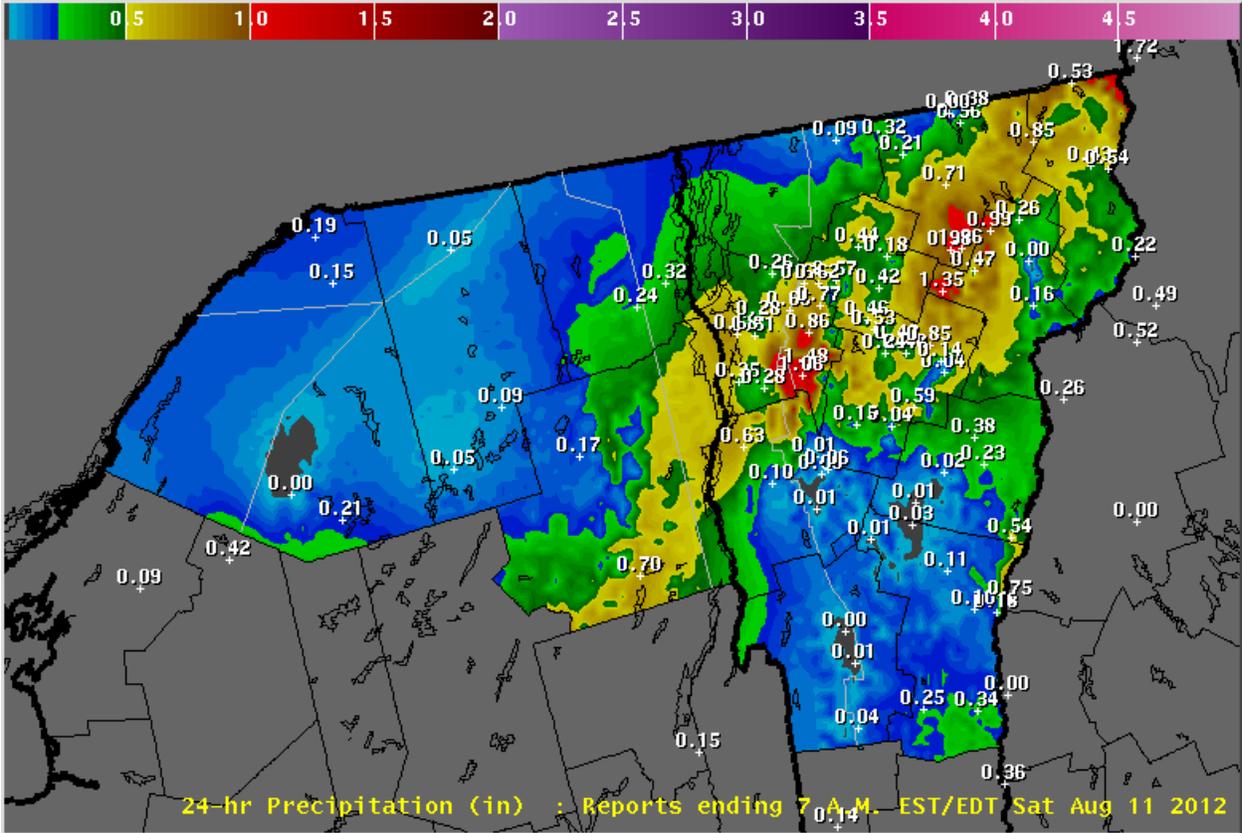


NOAA / National Weather Service Burlington, Vermont
 Graphic created: Mon Aug 06 2012 12:02 PM EDT



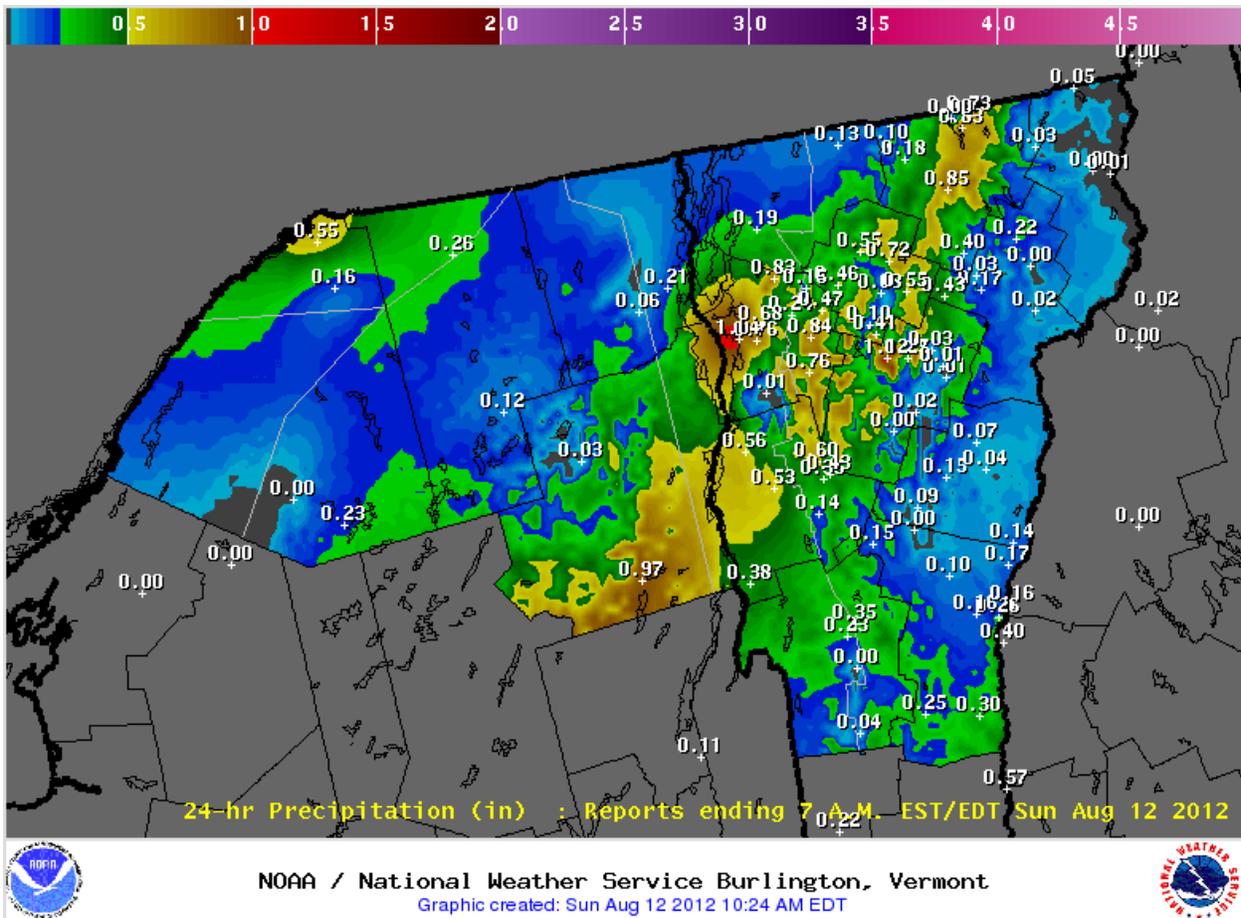
August 9th-11th a large upper level trough of low pressure tracked across our forecast area very slowly. A front stalled across our forecast area on the 9th, becoming a focus for showers and thunderstorms through the day. Upper trough along with stalled front and high precipitable water amounts resulted in rainfall over the three day period ranging from half an inch to over four inches. Our entire forecast area experienced measureable precipitation. Rivers saw only modest within bank rises.



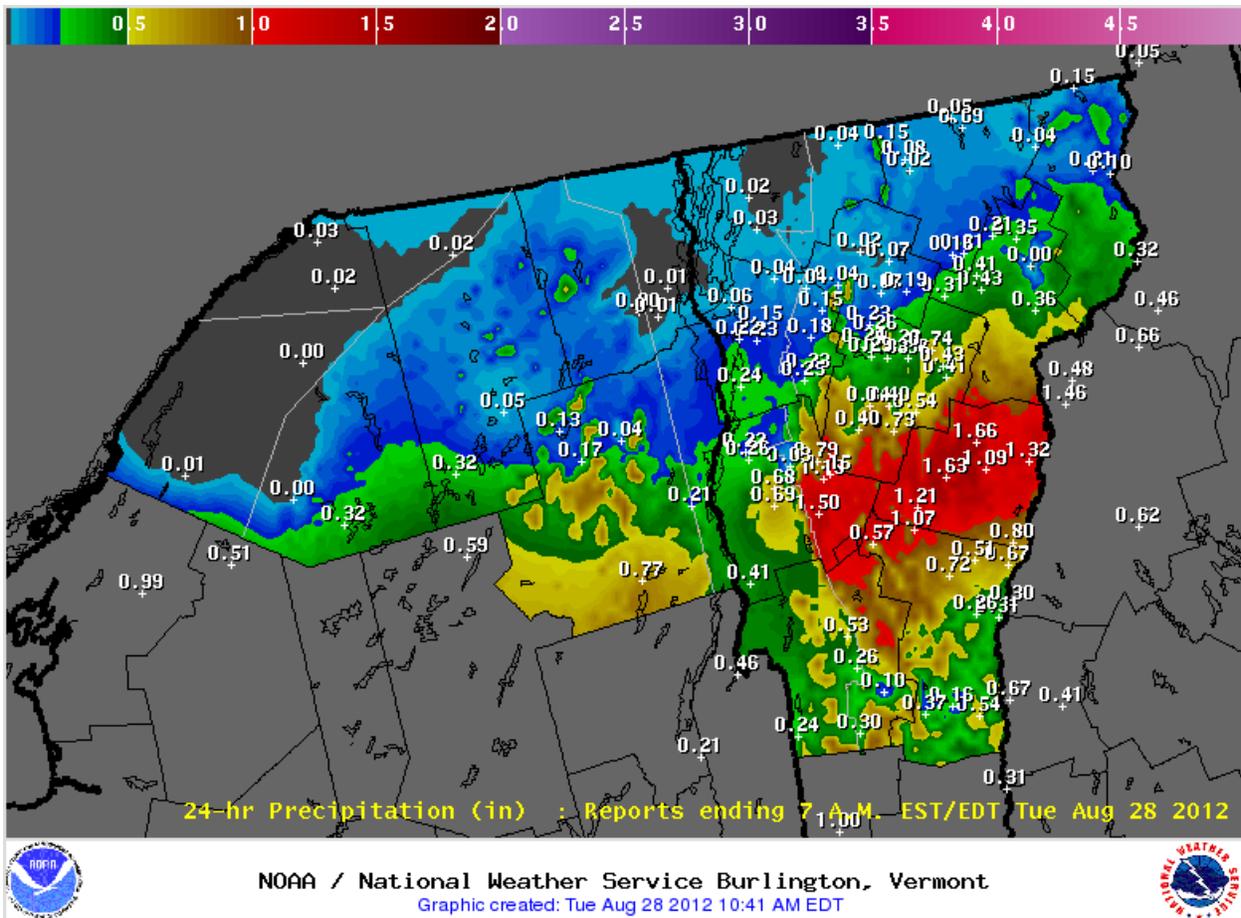


NOAA / National Weather Service Burlington, Vermont
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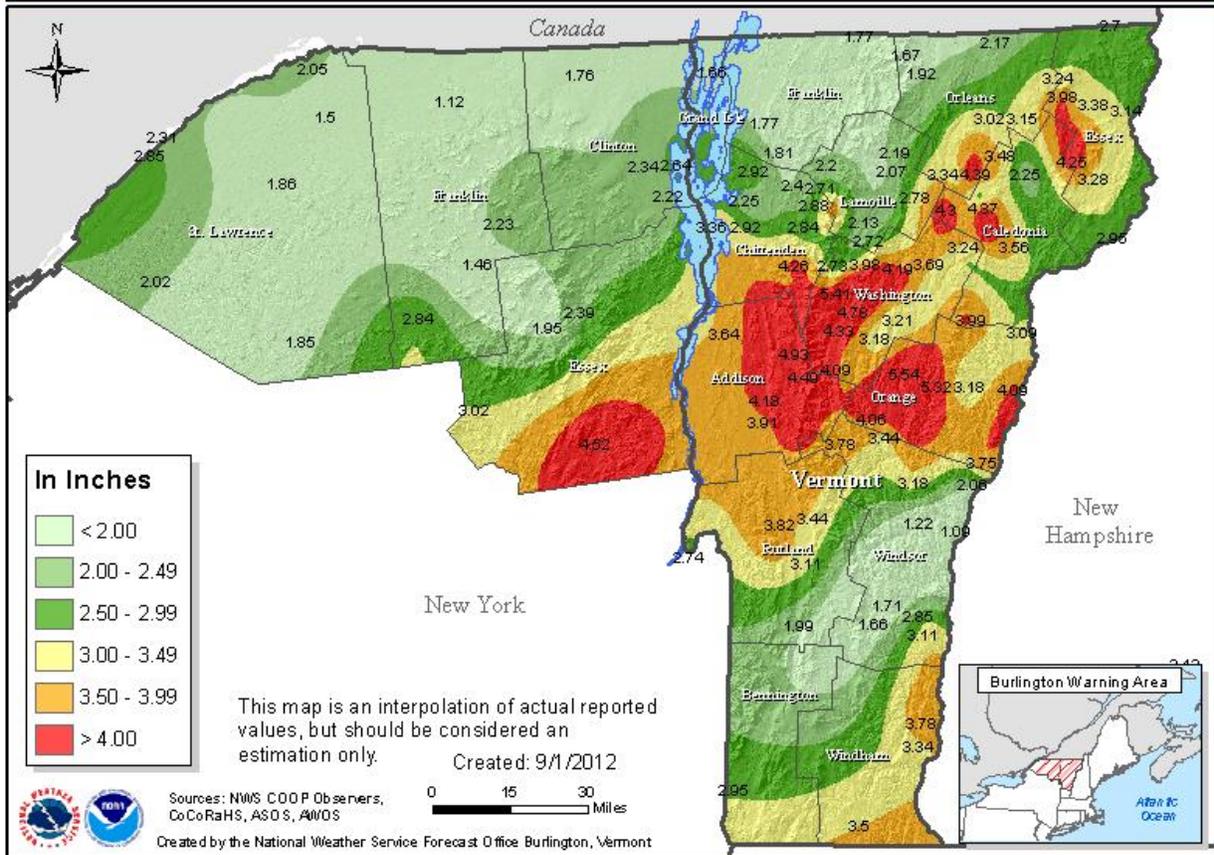


August 27th a low pressure system moving across the region brought morning showers and afternoon thunderstorms. Rainfall amounts ranged from zero to over an inch and a half of precipitation.



Despite a handful of significant rainfall events, no rivers reached flood stage and much of the region ended up with below normal rainfall totals for the month of August.

North Country Monthly Precipitation Total - August 2012



North Country Monthly Precipitation Departure From Normal - August 2012

