

# Flood Event of 8/9/2013 - 8/9/2013

## North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chenango Forks	10.00	8/9/2013	10.48	22,900	Minor	North Branch Susquehanna	Chenango River	Broome	Broome

## Weather Summary

Widespread convection developed in a moist unstable air mass ahead of a very slow moving cold front. Some slight backing of the mid/upper flow ahead of an upper low north of the Great Lakes helped slow the eastward progression of the front. This allowed a surge of higher PWs of 1.75 to 2 inches to work northward across the region. The convergence along the front was fairly weak initially but some slow strengthening of the low level south/southwesterly flow helped aid isentropic lift across northern portions of the region. The frontal convergence eventually became well defined in a region of favorable upper diffluence and increasing right entrance region jet support led to the organized frontal convection with very heavy downpours.

## Crest Statistics and Flood Information

First flood of 2 that occurred in Aug, 2013

Thirteenth flood of 17 that occurred in 2013

Number of Floods at MARFC Forecast Points - 1

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0