

Flood Event of 12/24/2007 - 12/24/2007

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Sherburne	8.00	12/24/2007	8.04	2,960	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	12/24/2007	5.23	1,510	Minor	Passaic	Rockaway River	Morris	Morris
Pompton Lakes	10.00	12/24/2007	13.02	5,670	Major	Passaic	Ramapo River	Passaic	Passaic

Weather Summary

An occluded low, which originated over Texas, moved northeast into the northern Great Lakes allowing its triple point, located further from the circulation towards the southeast, to pass over eastern Pennsylvania and New Jersey on the 23rd and 24th of December. The Passaic and North Branch Susquehanna both received nearly 1.5 and 1 inch of rain respectively. However, for the North Branch, the warmer temperatures brought northward by the system, combined with the rainfall on the 23rd allowed for more than 6 inches of compacted snow on the ground to melt in a relatively short time period.

Crest Statistics and Flood Information

First flood of 1 that occurred in Dec, 2007

Eighth flood of 8 that occurred in 2007

Number of Floods at MARFC Forecast Points - 3

Number of Floods Cresting in Minor Range - 2

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0