

Flood Event of 3/6/2004 - 3/7/2004

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bainbridge	13.00	3/7/2004	13.12	18,012	Minor	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango
Conklin	11.00	3/6/2004	12.76	26,000	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	3/6/2004	9.19	5,310	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Sherburne	8.00	3/6/2004	8.25	3,190	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	3/7/2004	18.26	40,055	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	3/7/2004	12.40	49,600	Minor	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga

Weather Summary

Beginning in mid-February, air temperatures and dew points above freezing finally penetrated into NY where snowfall totals for the winter season had exceeded the average by more than 30ö. Rapid snowmelt began as temperatures rose, forcing the rivers and soils to accommodate larger than average amounts of melt water. On March 3rd, a weak low moving eastward along a stationary boundary stretching from Oklahoma to Maryland brought nearly .5 inches to NY Basins, soaking the already wet soils of the region. March 5th, another low moving along the same stationary front quickly gained strength as it moved northeastward, pulling up warm, moist air from the Gulf of Mexico, melting more snow as rain fell over the area.

Crest Statistics and Flood Information

First flood of 2 that occurred in Mar, 2004

Third flood of 16 that occurred in 2004

Number of Floods at MARFC Forecast Points - 6

Number of Floods Cresting in Minor Range - 6

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0