

Flood Event of 3/28/2004 - 3/28/2004

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cortland	8.00	3/28/2004	8.61	4,530	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland

Weather Summary

On March 16th, a low originating in Colorado moved rapidly towards the east bringing significantly cooler temperatures to the mid-Atlantic region along with additional freezing precipitation. On March 16 and 17th, locations within the North Branch Susquehanna Basin recorded between 9 and 11 inches of snow as the low tracked northeastward from Kentucky to Maine. By March 24th, temperatures and dew points in NY Basins rose well over 32°, initiating rapid melting of the newly fallen snow. As a weak low from the Great Lakes pushed into the area, between 0.25 and 1 inch of rain fell over the already wet soil of the basin resulting in an additional rise on the rivers and streams within the area.

Crest Statistics and Flood Information

Second flood of 2 that occurred in Mar, 2004

Fourth flood of 16 that occurred in 2004

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