

# Flood Event of 3/9/2009 - 3/12/2009

## Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walton	9.50	3/9/2009	9.78	6,690	Minor	Delaware	West Branch Delaware River	Delaware	Delaware

## North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bainbridge	13.00	3/9/2009	14.05	17,600	Minor	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango
Conklin	12.00	3/10/2009	12.04	23,100	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Conklin	12.00	3/11/2009	12.33	24,100	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	3/10/2009	8.95	4,710	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Sherburne	8.00	3/9/2009	8.19	3,190	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Vestal	18.00	3/9/2009	18.52	42,800	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	3/10/2009	12.78	53,400	Minor	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga

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## Weather Summary

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A warm front gradually moved across the MARFC service area on March 5. Temperatures in the North Branch Susquehanna (NBS) Basin rose into the 50s and 60s on March 5 and 6 respectively. Precipitation with the warm front was insignificant but the warmer temperatures resulted in some snowmelt. A series of disturbances ran along the meandering front and produced periods of rain on the 7th into the 9th. Even though temperatures moderated somewhat it was still warm enough to produce some more snowmelt. The first wave of low pressure moved east-northeast on March 7th from northwest Ohio through western New York. Rainfall amounts ranged from 0.2 inches in the southwestern portion of the NBS to 1.2 inches in the northeastern NBS as a couple of thunderstorms clipped this area. The meandering front dropped south on March 8th with the next wave of low pressure moving along the PA/NY border spreading overrunning rains late on the 8th into the 9th. Also a few thunderstorms made it into the NBS before dissipating. Amounts ranged from 1.5 inches in the southwestern NBS to 3/4 in the northeastern NBS. The front moved back as a warm front on March 10th. Amounts ranged from 1/3 inches in the northern NBS to .7 inches in the southern portion. Precipitation and melt came to an end midday on the 11th as a cold front raced across the NBS. Additional rainfall amounts ranged from trace to a tenth.

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## Crest Statistics and Flood Information

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First flood of 1 that occurred in Mar, 2009

Second flood of 17 that occurred in 2009

Number of Floods at MARFC Forecast Points - 8

Number of Floods Cresting in Minor Range - 8

Number of Floods Cresting in Moderate Range - 0

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0