

# Flood Event of 1/24/1999 - 1/25/1999

## Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Mansfield	12.00	1/24/1999	14.71	5,260	Major	Chemung	Tioga River	Tioga	Tioga

## Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shirleysburg	10.00	1/24/1999	11.50	7,780	Minor	Juniata	Aughwick Creek	Huntingdon	Huntingdon

## Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	1/24/1999	9.34	7,630	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Penns Creek	8.00	1/24/1999	9.18	7,490	Minor	Susquehanna	Penns Creek	Union	Snyder

## Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	1/24/1999	12.33	16,600	Minor	Delaware	Beaver Kill	Delaware	Delaware
Walton	9.50	1/24/1999	10.58	8,260	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	1/25/1999	16.89	27,200	Minor	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango

Conklin	11.00	1/24/1999	14.89	34,100	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	1/24/1999	9.78	6,160	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	1/25/1999	14.31	11,700	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Sherburne	8.00	1/24/1999	9.20	5,170	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Unadilla	11.00	1/25/1999	11.40	14,100	Minor	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego
Vestal	18.00	1/25/1999	21.27	52,900	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	1/25/1999	14.22	60,500	Minor	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga

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## Weather Summary

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Presoaked from a snowstorm earlier in the week, a second low pressure allowed for precipitable water to be 3 to 4 standard deviations above normal. This coupled with anomalously warm temperatures enabled over an inch of rain to fall across Pennsylvania and New York. Snowmelt combined with the additional precipitation and caused minor floods along the Juniata, Susquehanna, and Delaware River Basins.

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## Crest Statistics and Flood Information

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First flood of 1 that occurred in Jan, 1999

First flood of 5 that occurred in 1999

Number of Floods at MARFC Forecast Points - 14

Number of Floods Cresting in Minor Range - 10

Number of Floods Cresting in Moderate Range - 3

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0