

Flood Event of 2/24/1975 - 2/26/1975

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chemung	16.00	2/26/1975	17.00	52,000	Minor	Chemung	Chemung River	Chemung	Chemung

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harrisburg	17.00	2/26/1975	18.19	375,000	Minor	Susquehanna	Susquehanna River	Dauphin	Dauphin
Penns Creek	8.00	2/25/1975	8.60	7,190	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
Walton	9.50	2/25/1975	11.49	10,200	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
Chenango Forks	10.00	2/25/1975	10.53	22,800	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Conklin	11.00	2/25/1975	14.05	30,700	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	2/25/1975	9.94	6,750	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	2/25/1975	13.30	10,000	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Sherburne	8.00	2/25/1975	8.79	4,230	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango

Waverly	11.00	2/25/1975	16.25	79,000	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Tioga	Tioga
---------	-------	-----------	-------	--------	----------	-----------------------------	-----------------------------------	-------	-------

Upper Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Towanda	16.00	2/25/1975	20.20	137,000	Moderate	Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Tunkhannock	11.00	2/24/1975	12.10	18,100	Minor	Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming
Wilkes-Barre	22.00	2/26/1975	26.26	163,000	Moderate	Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Montgomery	20.00	2/26/1975	24.05	-9,999	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Muncy	20.00	2/26/1975	24.05	-9,999	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

A strong, upper-level disturbance tracked across the United States and approached the region from the southwest and interacted with another upper-level disturbance tracking across the southern portions of Canada. When these systems interacted, precipitation fell along a stationary front initially on 2/23. The disturbance to the west deepened and tracked northeastward toward the Great Lakes and into Canada. Precipitation values over the three to four days of the event ranged from 1.5" to upwards of 2.5" of rain, causing streams in Pennsylvania and New York to enter minor flooding stage, while some entered their moderate flooding stage. Provided by Andrew Barney – The Pennsylvania State University

Source: Provided by Andrew Barney – The Pennsylvania State University

Crest Statistics and Flood Information

First flood of 1 that occurred in Feb, 1975

First flood of 10 that occurred in 1975

Number of Floods at MARFC Forecast Points - 15

Number of Floods Cresting in Minor Range - 9

Number of Floods Cresting in Moderate Range - 6

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0