

Flood Event of 3/4/1964 - 3/7/1964

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Campbell	8.00	3/5/1964	8.45	13,200	Minor	Chemung	Cohocton River	Steuben	Steuben
Chemung	16.00	3/6/1964	20.44	93,800	Moderate	Chemung	Chemung River	Chemung	Chemung
Corning	29.00	3/5/1964	30.34	-9,999	Moderate	Chemung	Chemung River	Steuben	Steuben
Elmira	12.00	3/6/1964	15.60	-9,999	Moderate	Chemung	Chemung River	Chemung	Chemung
Lindley	17.00	3/5/1964	18.48	37,400	Minor	Chemung	Tioga River	Steuben	Steuben

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walton	9.50	3/5/1964	13.66	15,800	Minor	Delaware	West Branch Delaware River	Delaware	Delaware

James

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lick Run	16.00	3/6/1964	16.07	25,900	Minor	James	James River	Botetourt	Botetourt

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Spruce Creek	8.00	3/5/1964	8.43	4,540	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Towanda	16.00	3/6/1964	23.63	174,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Wilkes-Barre	22.00	3/7/1964	28.87	180,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Binghamton	14.00	3/6/1964	18.70	-9,999	Major	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Chenango Forks	10.00	3/6/1964	13.32	37,800	Moderate	North Branch Susquehanna	Chenango River	Broome	Broome
Cincinnatus	9.00	3/5/1964	10.23	6,670	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	3/6/1964	16.57	41,800	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	3/5/1964	12.49	13,000	Moderate	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	3/6/1964	16.94	16,800	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Rockdale	11.00	3/6/1964	12.30	15,200	Moderate	North Branch Susquehanna	Unadilla River	Chenango	Chenango
Sherburne	8.00	3/5/1964	9.80	9,200	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Unadilla	11.00	3/6/1964	13.17	18,200	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego
Vestal	18.00	3/6/1964	25.79	79,200	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	3/6/1964	18.18	94,400	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Great Cacapon	9.00	3/5/1964	10.20	8,980	Minor	Potomac	Cacapon River	Morgan	Morgan
Little Falls (Washington DC)	10.00	3/6/1964	11.85	94,800	Minor	Potomac	Potomac River	Montgomery	Montgomery
Martinsburg	10.00	3/4/1964	10.35	2,910	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	3/6/1964	16.00	87,000	Minor	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	3/6/1964	16.94	64,300	Minor	Potomac	Potomac River	Jefferson	Jefferson

South Branch Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Franklin	7.00	3/5/1964	8.32	8,440	Minor	South Branch Potomac	South Branch Potomac River	Pendleton	Pendleton
Petersburg	10.00	3/5/1964	12.37	18,700	Moderate	South Branch Potomac	South Branch Potomac River	Grant	Grant
Springfield	15.00	3/6/1964	15.45	23,500	Minor	South Branch Potomac	South Branch Potomac River	Hampshire	Hampshire

Weather Summary

Stemming from an area of low pressure near Chicago, a stationary front was draped across Lake Erie and down through central Pennsylvania bringing rain into southern New York state. This area of low pressure slowly moved east across southern New York state and out into the Atlantic Ocean. The highest rainfall total in the Chemung hydro basin was 1.28" measured in Bath, NY just upstream Campbell, NY along the Cohocton River. 0.98" of rain fell in Corning, NY where the Cohocton River meets the Chemung River. 1.30" of rain fell at Whitney Point Lake along the Tioughnioga River in Broome county New York on the 5th, where flooding was observed on the 6th. Austinburg, PA picked up 1.15" of rain on the 5th. Most of the rainfall from this synoptic system was observed on March 5th but caused flooding downstream on March 6th and 7th. Provided by Christina Reuille – The Pennsylvania State University

Source: Provided by Christina Reuille – The Pennsylvania State University

Crest Statistics and Flood Information

First flood of 2 that occurred in Mar, 1964

Third flood of 5 that occurred in 1964

Number of Floods at MARFC Forecast Points - 29

Number of Floods Cresting in Minor Range - 14

Number of Floods Cresting in Moderate Range - 14

Number of Floods Cresting in Major Range - 1

Number of Floods Cresting in Missing Range - 0