

Flood Event of 3/5/1979 - 3/9/1979

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chemung	16.00	3/6/1979	18.24	61,500	Minor	Chemung	Chemung River	Chemung	Chemung

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	3/6/1979	10.32	10,300	Minor	Delaware	Beaver Kill	Delaware	Delaware
Fishs Eddy	13.00	3/6/1979	14.01	15,600	Minor	Delaware	Delaware River	Delaware	Delaware
Pemberton	2.70	3/8/1979	2.94	957	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Walton	9.50	3/5/1979	12.52	12,800	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
Bremo Bluff	19.00	3/6/1979	23.30	57,600	Moderate	James	James River	Fluvanna	Fluvanna
Lick Run	16.00	3/5/1979	16.50	25,800	Minor	James	James River	Botetourt	Botetourt
Richmond	12.00	3/7/1979	15.02	66,600	Moderate	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Huntingdon	12.00	3/5/1979	12.07	20,800	Minor	Juniata	Juniata River	Huntingdon	Huntingdon

Spruce Creek	8.00	3/5/1979	8.82	7,900	Minor	Juniata	Little Juniata River	Huntingdon	Huntingdon
Williamsburg	12.00	3/5/1979	13.05	7,900	Moderate	Juniata	Frankstown Branch Juniata River	Blair	Blair

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Hale Eddy	11.00	3/6/1979	12.21	14,800	Minor	Main Stem Delaware	West Branch Delaware River	Delaware	Delaware

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bloomsburg	19.00	3/9/1979	25.17	232,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Columbia	Columbia
Conowingo	23.50	3/7/1979	28.04	499,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Danville	20.00	3/7/1979	23.93	188,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour
Harper Tavern	9.00	3/6/1979	9.36	7,680	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Harrisburg	17.00	3/7/1979	20.43	416,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Marietta	49.00	3/7/1979	53.21	452,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Meshoppen	27.00	3/6/1979	35.06	207,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Monroeton	14.00	3/6/1979	14.54	18,500	Minor	Upper Main Stem Susquehanna	Towanda Creek	Bradford	Bradford
Penns Creek	8.00	3/6/1979	8.95	7,210	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Sunbury	24.00	3/7/1979	27.52	347,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Snyder	Northumberland
Towanda	16.00	3/6/1979	24.04	179,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford

Wilkes-Barre	22.00	3/7/1979	31.02	192,000	Major	Upper Main Stem Susquehanna	Susquehanna River	Luzerne	Luzerne
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North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bainbridge	13.00	3/7/1979	21.96	-9,999	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango
Chenango Forks	10.00	3/6/1979	13.58	39,400	Moderate	North Branch Susquehanna	Chenango River	Broome	Broome
Cincinnatus	9.00	3/6/1979	9.88	6,720	Minor	North Branch Susquehanna	Otselic River	Cortland	Cortland
Conklin	11.00	3/7/1979	17.25	45,200	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	3/6/1979	12.42	12,800	Moderate	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Greene	13.00	3/6/1979	17.41	17,900	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Rockdale	11.00	3/6/1979	12.62	16,300	Moderate	North Branch Susquehanna	Unadilla River	Chenango	Chenango
Sherburne	8.00	3/6/1979	9.94	10,400	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Unadilla	11.00	3/6/1979	13.90	21,200	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego
Vestal	18.00	3/6/1979	26.62	81,700	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	3/6/1979	19.66	107,000	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	3/7/1979	5.14	1,920	Minor	Passaic	Rockaway River	Morris	Morris
Little Falls	7.00	3/8/1979	7.48	6,910	Minor	Passaic	Passaic River	Passaic	Passaic

Mahwah	8.00	3/7/1979	8.66	2,740	Minor	Passaic	Ramapo River	Bergen	Bergen
Pompton Lakes	11.70	3/7/1979	12.04	3,380	Minor	Passaic	Ramapo River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shepherdstown	15.00	3/7/1979	15.54	56,200	Minor	Potomac	Potomac River	Jefferson	Jefferson

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	3/7/1979	9.93	4,440	Minor	Raritan	Millstone River	Somerset	Somerset

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lewisburg	18.00	3/6/1979	23.44	165,000	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Milton	19.00	3/6/1979	25.00	-9,999	Major	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	3/6/1979	25.80	-9,999	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Muncy	20.00	3/6/1979	25.80	-9,999	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Williamsport	20.00	3/6/1979	22.73	147,000	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

Less than one inch of rainfall combined with warmer temperature caused ice jams to form. Severe ice jamming caused flooding of many rivers including the Susquehanna and Chenango Rivers. We also saw the following information: A cold front associated with a strong low swept through the Mid-Atlantic, but rainfall amounts according to the maps were under 1.00" at all locations North of the Carolinas. Temperatures in the mid-30s and 40s beforehand climbed into the 60s. (http://www.erh.noaa.gov/aly/Past/Major_Flood_Events.htm)

Source: "Major Flood Events." National Weather Service Eastern Region Headquarters. Web. <http://www.erh.noaa.gov/aly/Past/Major_Flood_Events.htm>.

Crest Statistics and Flood Information

First flood of 1 that occurred in Mar, 1979

Fifth flood of 16 that occurred in 1979

Number of Floods at MARFC Forecast Points - 46

Number of Floods Cresting in Minor Range - 19

Number of Floods Cresting in Moderate Range - 25

Number of Floods Cresting in Major Range - 2

Number of Floods Cresting in Missing Range - 0