

Flood Event of 3/28/1993 - 4/4/1993

Chemung

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Elmira	12.00	4/1/1993	12.43	32,800	Minor	Chemung	Chemung River	Chemung	Chemung

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Walton	9.50	3/30/1993	12.72	12,700	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
Richmond	12.00	3/29/1993	13.47	52,300	Minor	James	James River	Henrico	Independent City

Juniata

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Shirleysburg	10.00	3/29/1993	11.83	8,210	Minor	Juniata	Aughwick Creek	Huntingdon	Huntingdon
Spruce Creek	8.00	3/29/1993	11.29	6,060	Moderate	Juniata	Little Juniata River	Huntingdon	Huntingdon
Spruce Creek	8.00	4/1/1993	10.48	5,200	Moderate	Juniata	Little Juniata River	Huntingdon	Huntingdon

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lehighton	10.00	4/4/1993	10.13	-9,999	Minor	Lehigh	Lehigh River	Carbon	Carbon

Walnutport	8.00	4/2/1993	8.03	18,100	Minor	Lehigh	Lehigh River	Northampton	Northampton
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Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Hale Eddy	11.00	4/1/1993	11.62	13,300	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
Camp Hill	7.00	4/2/1993	9.19	3,890	Moderate	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Camp Hill	7.00	3/30/1993	7.57	2,590	Minor	Yellow Breeches	Yellow Breeches Creek	Cumberland	Cumberland
Conowingo	23.50	4/2/1993	28.06	500,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Harford	Cecil
Danville	20.00	4/3/1993	23.97	187,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Montour	Montour
Harper Tavern	9.00	4/2/1993	9.36	7,230	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Harrisburg	17.00	4/2/1993	20.50	410,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Dauphin	Dauphin
Hogestown	8.00	4/2/1993	9.47	8,310	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Hogestown	8.00	3/29/1993	8.46	-9,999	Minor	Conodoguinet	Conodoguinet Creek	Cumberland	Cumberland
Marietta	49.00	4/2/1993	53.21	448,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Lancaster	Lancaster
Meshoppen	27.00	4/2/1993	32.20	172,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Meshoppen	27.00	3/31/1993	29.88	145,000	Minor	Upper Main Stem Susquehanna	Susquehanna River	Wyoming	Wyoming
Penns Creek	8.00	4/1/1993	9.37	7,820	Minor	Penns Creek	Penns Creek	Snyder	Snyder

Penns Creek	8.00	3/31/1993	9.01	7,200	Minor	Penns Creek	Penns Creek	Snyder	Snyder
Shermans Dale	9.00	4/1/1993	10.06	8,070	Minor	Lower Main Stem Susquehanna	Sherman Creek	Perry	Perry
Sunbury	24.00	4/2/1993	27.00	333,000	Moderate	Lower Main Stem Susquehanna	Susquehanna River	Snyder	Northumberland
Towanda	16.00	4/2/1993	21.99	152,000	Moderate	Upper Main Stem Susquehanna	Susquehanna River	Bradford	Bradford
Tunkhannock	11.00	3/29/1993	11.12	14,600	Minor	Upper Main Stem Susquehanna	Tunkhannock Creek	Wyoming	Wyoming
Wilkes-Barre	22.00	4/2/1993	29.87	185,000	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
Bainbridge	13.00	3/31/1993	20.17	36,600	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Chenango	Chenango
Chenango Forks	10.00	4/1/1993	10.87	24,900	Minor	North Branch Susquehanna	Chenango River	Broome	Broome
Conklin	11.00	4/1/1993	17.91	48,500	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Cortland	8.00	4/1/1993	9.86	6,400	Minor	North Branch Susquehanna	Tioughnioga River	Cortland	Cortland
Rockdale	11.00	3/31/1993	11.60	12,700	Minor	North Branch Susquehanna	Unadilla River	Chenango	Chenango
Sherburne	8.00	3/30/1993	9.23	5,240	Moderate	North Branch Susquehanna	Chenango River	Chenango	Chenango
Unadilla	11.00	3/31/1993	13.49	19,900	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego
Waverly	11.00	4/2/1993	18.74	89,700	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga
Windsor	17.00	4/1/1993	19.45	37,200	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton below Reservoir	5.00	4/2/1993	6.17	2,410	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	4/1/1993	6.13	1,260	Minor	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	4/1/1993	8.48	8,700	Minor	Passaic	Passaic River	Passaic	Passaic
Macopin Intake Dam	5.50	3/29/1993	5.82	1,130	Minor	Passaic	Pequannock River	Passaic	Passaic
Pine Brook	19.00	4/2/1993	19.86	4,110	Minor	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	4/2/1993	11.71	2,540	Minor	Passaic	Ramapo River	Passaic	Passaic
Pompton Lakes	11.70	3/29/1993	11.82	2,810	Minor	Passaic	Ramapo River	Passaic	Passaic
Wanaque	5.00	3/29/1993	5.70	1,380	Minor	Passaic	Wanaque River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Fairview	10.00	4/2/1993	12.17	11,000	Moderate	Potomac	Conococheague Creek	Washington	Washington
Martinsburg	10.00	4/2/1993	10.42	3,040	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Martinsburg	10.00	3/28/1993	10.46	3,080	Minor	Potomac	Opequon Creek	Berkeley	Berkeley
Point of Rocks	16.00	4/3/1993	18.19	106,000	Minor	Potomac	Potomac River	Frederick	Frederick
Shepherdstown	15.00	4/2/1993	18.96	77,200	Moderate	Potomac	Potomac River	Jefferson	Jefferson
Shepherdstown	15.00	3/29/1993	15.64	56,800	Minor	Potomac	Potomac River	Jefferson	Jefferson

West Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lewisburg	18.00	4/2/1993	21.33	146,000	Minor	West Branch Susquehanna	West Branch Susquehanna River	Northumberland	Union
Milton	19.00	4/2/1993	22.10	-9,999	Moderate	West Branch Susquehanna	West Branch Susquehanna River	Union	Northumberland
Montgomery	20.00	4/2/1993	22.30	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Muncy	20.00	4/2/1993	21.70	-9,999	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming
Williamsport	20.00	4/1/1993	20.52	122,000	Minor	West Branch Susquehanna	West Branch Susquehanna River	Lycoming	Lycoming

Weather Summary

The Storm of The Century formed in the Gulf of Mexico and over the Southeastern United States on the 11th and 12th of March 1993. The large powerful system, which had wind speeds and pressure levels comparable to strong hurricanes, produced a wide array of damaging weather as it marched up the Eastern Seaboard on the 13th. Heavy rains, hurricane force winds, and tornadoes affected Florida while blizzard conditions plagued much of the Mid-Atlantic and New England States. The two plus feet of snow that fell from this storm slowly melted over the next few weeks as temperatures rose into the 40s with intermittent rain showers. Another low pressure system moved up the coast on the 27th, and 28th bringing with it heavy rains. Temperatures rose into the 60s across much of the region behind the system, which in combination with the rainfall, led to rapid snowmelt that resulted in widespread flooding across several river basins.

Crest Statistics and Flood Information

Fourth flood of 4 that occurred in Mar, 1993

Fourth flood of 11 that occurred in 1993

Number of Floods at MARFC Forecast Points - 55

Number of Floods Cresting in Minor Range - 35

Number of Floods Cresting in Moderate Range - 20

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0