

Flood Event of 9/16/1999 - 9/18/1999

Appomattox

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Matoaca	10.00	9/16/1999	11.58	13,100	Minor	Appomattox	Appomattox River	Dinwiddie	Chesterfield

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Lancaster	11.00	9/17/1999	16.39	17,600	Major	Conestoga	Conestoga River	Lancaster	Lancaster

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Bridgeville	13.00	9/16/1999	13.22	7,370	Minor	Delaware	Neversink River	Sullivan	Sullivan
Cooks Falls	10.00	9/17/1999	11.50	13,900	Minor	Delaware	Beaver Kill	Delaware	Delaware
Pemberton	2.70	9/17/1999	3.23	1,180	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Trenton	8.50	9/17/1999	14.01	4,510	Major	Delaware	Assunpink Creek	Mercer	Mercer

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	9/17/1999	6.26	4,270	Moderate	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	9/17/1999	7.60	2,210	Moderate	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	9/18/1999	9.84	11,600	Major	Passaic	Passaic River	Passaic	Passaic

Lodi	6.00	9/17/1999	13.94	5,330	Major	Passaic	Saddle River	Bergen	Bergen
Mahwah	8.00	9/16/1999	12.52	11,000	Major	Passaic	Ramapo River	Bergen	Bergen
Millington	8.00	9/17/1999	8.91	1,590	Minor	Passaic	Passaic River	Somerset	Morris
Pine Brook	19.00	9/18/1999	20.78	4,400	Moderate	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	9/16/1999	14.90	14,000	Missing	Passaic	Ramapo River	Passaic	Passaic
Pompton Plains	16.00	9/17/1999	21.01	16,400	Major	Passaic	Pompton River	Passaic	Morris

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	9/16/1999	7.95	3,060	Minor	Potomac	Seneca Creek	Montgomery	Montgomery

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	9/17/1999	21.01	20,300	Major	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	9/17/1999	42.13	82,900	Major	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	9/16/1999	27.10	77,600	Major	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	9/16/1999	18.98	29,000	Major	Raritan	North Branch Raritan River	Somerset	Somerset
Stanton	8.00	9/16/1999	13.90	14,800	Major	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
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Berne	12.00	9/16/1999	13.34	18,700	Minor	Schuylkill	Schuylkill River	Berks	Berks
Chadds Ford	9.00	9/17/1999	17.15	26,900	Major	Delaware	Brandywine Creek	Delaware	Delaware
Graterford	11.00	9/16/1999	16.59	33,700	Major	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Langhorne	9.00	9/17/1999	21.91	44,400	Major	Neshaminy	Neshaminy Creek	Bucks	Bucks
Norristown	17.00	9/17/1999	22.00	-9,999	Major	Schuylkill	Schuylkill River	Montgomery	Montgomery
Philadelphia	11.00	9/17/1999	14.10	92,500	Moderate	Schuylkill	Schuylkill River	Philadelphia	Philadelphia
Pottstown	13.00	9/17/1999	14.42	27,300	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery
Reading	13.00	9/17/1999	14.95	26,100	Minor	Schuylkill	Schuylkill River	Berks	Berks
Wilmington	11.00	9/17/1999	15.43	28,700	Major	Delaware	Brandywine Creek	New Castle	New Castle

Weather Summary

Hurricane Floyd made landfall in North Carolina as a Category 2 hurricane weakening as it traveled northward along the eastern seaboard. Floyd produced torrential rainfall in the most eastern portions of Virginia to as far north as New York City and Long Island to a peak of 16.57 inches in Newport News, Virginia. Two dams along the Rappahannock River burst from the extreme flooding. Rainfall amounts of 13.34 inches occurred in Somerville, New Jersey and 12.36 inches in Vernon, Delaware. The Raritan River Basin experienced record flooding as a result of Floyd's heavy rains, 4.5 feet higher than the previous record flood crest. Bound Brook, New Jersey, was especially hard hit by a record flooding event: a 42-foot flood crest, which is 14 feet above flood stage, sent 12 feet of water on Main Street and drowned three people. Manville, New Jersey was hit nearly as hard, with record-breaking floods coming from the Raritan River and the nearby Millstone River, which join in Manville.

Crest Statistics and Flood Information

First flood of 2 that occurred in Sep, 1999

Fourth flood of 5 that occurred in 1999

Number of Floods at MARFC Forecast Points - 30

Number of Floods Cresting in Minor Range - 9

Number of Floods Cresting in Moderate Range - 4

Number of Floods Cresting in Major Range - 16

Number of Floods Cresting in Missing Range - 1