

Flood Event of 10/19/1996 - 10/22/1996

Brandywine

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chadds Ford	9.00	10/19/1996	13.31	12,500	Major	Christina	Brandywine Creek	Delaware	Delaware
Wilmington	11.00	10/19/1996	11.91	15,200	Minor	Christina	Brandywine Creek	New Castle	New Castle

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Trenton	8.50	10/19/1996	10.47	2,770	Moderate	Delaware	Assunpink Creek	Mercer	Mercer

Lehigh

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Allentown	8.00	10/19/1996	8.01	7,680	Minor	Lehigh	Jordan Creek	Lehigh	Lehigh

Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	10/20/1996	11.83	11,400	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hershey	7.00	10/20/1996	8.08	11,200	Minor	Swatara	Swatara Creek	Dauphin	Dauphin
Lancaster	11.00	10/20/1996	13.22	11,200	Moderate	Conestoga	Conestoga River	Lancaster	Lancaster
Penns Creek	8.00	10/20/1996	8.05	5,720	Minor	Penns Creek	Penns Creek	Snyder	Snyder

Neshaminy

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	10/19/1996	15.86	19,600	Major	Neshaminy	Neshaminy Creek	Bucks	Bucks

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	10/20/1996	5.92	3,070	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	10/20/1996	7.96	4,070	Moderate	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	10/21/1996	7.49	2,080	Moderate	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	10/22/1996	8.16	8,180	Moderate	Passaic	Passaic River	Passaic	Passaic
Lodi	5.00	10/20/1996	6.53	2,080	Minor	Passaic	Saddle River	Bergen	Bergen
Macopin Intake Dam	5.50	10/20/1996	6.73	2,350	Moderate	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	10/20/1996	8.59	3,300	Minor	Passaic	Ramapo River	Bergen	Bergen
Millington	8.00	10/20/1996	9.89	2,290	Major	Passaic	Passaic River	Somerset	Morris
Pine Brook	19.00	10/21/1996	21.13	5,350	Major	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	10/20/1996	12.14	3,650	Minor	Passaic	Ramapo River	Passaic	Passaic

Potomac

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Dawsonville	7.50	10/19/1996	8.49	3,880	Minor	Potomac	Seneca Creek	Montgomery	Montgomery

Frederick	15.00	10/19/1996	16.70	19,300	Minor	Potomac	Monocacy River at Jug Bridge	Frederick	Frederick
Martinsburg	10.00	10/19/1996	12.37	5,820	Minor	Potomac	Opequon Creek	Berkeley	Berkeley

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	10/20/1996	15.53	13,400	Major	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	10/20/1996	35.58	40,100	Major	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	10/20/1996	22.41	32,000	Major	Raritan	Raritan River	Somerset	Somerset
Raritan	10.00	10/19/1996	15.44	27,400	Major	Raritan	North Branch Raritan River	Somerset	Somerset
Stanton	8.00	10/19/1996	9.91	6,680	Minor	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Schuylkill

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Berne	12.00	10/19/1996	14.02	21,000	Moderate	Schuylkill	Schuylkill River	Berks	Berks
Graterford	11.00	10/19/1996	15.67	29,600	Moderate	Schuylkill	Perkiomen Creek	Montgomery	Montgomery
Philadelphia	11.00	10/19/1996	11.86	54,000	Minor	Schuylkill	Schuylkill River	Philadelphia	Philadelphia
Pottstown	13.00	10/20/1996	14.40	27,200	Minor	Schuylkill	Schuylkill River	Montgomery	Montgomery
Reading	13.00	10/19/1996	15.83	28,500	Minor	Schuylkill	Schuylkill River	Berks	Berks

Weather Summary

A strong coastal low deluged parts of the Mid-Atlantic in the middle of October. Frontal boundaries followed behind the low on the 18th and 19th dumped additional rainfall that accumulated to a few inches across much of the area with upwards of 8.50 inches falling in parts of New Jersey. The widespread heavy rains created flooding problems all across the basin on the 19th and 20th of the month.

Crest Statistics and Flood Information

First flood of 1 that occurred in Oct, 1996

Eighteenth flood of 22 that occurred in 1996

Number of Floods at MARFC Forecast Points - 32

Number of Floods Cresting in Minor Range - 16

Number of Floods Cresting in Moderate Range - 8

Number of Floods Cresting in Major Range - 8

Number of Floods Cresting in Missing Range - 0