

Flood Event of 9/20/1989 - 9/21/1989

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Pemberton	2.70	9/20/1989	3.01	1,010	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Trenton	8.50	9/21/1989	10.00	2,500	Moderate	Delaware	Assunpink Creek	Mercer	Mercer

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Chatham	6.00	9/20/1989	6.26	1,330	Minor	Passaic	Passaic River	Morris	Morris
Lodi	5.00	9/20/1989	7.05	2,360	Moderate	Passaic	Saddle River	Bergen	Bergen

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	9/21/1989	14.42	11,400	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	9/21/1989	30.22	23,500	Moderate	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	9/21/1989	16.24	16,200	Minor	Raritan	Raritan River	Somerset	Somerset
Stanton	8.00	9/20/1989	9.65	6,240	Minor	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
Graterford	11.00	9/20/1989	11.08	15,000	Minor	Schuylkill	Perkiomen Creek	Montgomery	Montgomery

Weather Summary

A nearly-stationary inverted trough with a westward drifting coastal front dominated the east coast in mid-September. Showers associated with this system dumped upwards of an inch of rain across much of the coastal Mid-Atlantic region until it weakened on the 21st, just prior to the landfall of Hurricane Hugo.

Crest Statistics and Flood Information

First flood of 1 that occurred in Sep, 1989

Fourteenth flood of 15 that occurred in 1989

Number of Floods at MARFC Forecast Points - 9

Number of Floods Cresting in Minor Range - 5

Number of Floods Cresting in Moderate Range - 4

Number of Floods Cresting in Major Range - 0

Number of Floods Cresting in Missing Range - 0