

Flood Event of 5/29/1984 - 6/1/1984

Lower Main Stem Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Harper Tavern	9.00	5/30/1984	10.66	9,160	Minor	Swatara	Swatara Creek	Lebanon	Lebanon
Hershey	7.00	5/30/1984	7.19	8,960	Minor	Swatara	Swatara Creek	Dauphin	Dauphin

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	5/29/1984	11.81	14,900	Minor	Delaware	Beaver Kill	Delaware	Delaware
Delaware Water Gap	21.00	5/30/1984	21.77	97,300	Minor	Delaware	Delaware River	Warren	Monroe
Easton (Phillipsburg, NJ)	22.00	5/30/1984	24.31	-9,999	Minor	Delaware	Delaware River	Warren	Northampton
Harvard	10.00	5/30/1984	11.78	11,100	Minor	Delaware	East Branch Delaware River	Delaware	Delaware
Hawley	11.00	5/29/1984	12.01	13,500	Moderate	Delaware	Lackawaxen River	Wayne	Wayne
New Hope (Lambertville, NJ)	13.00	5/30/1984	13.21	-9,999	Minor	Delaware	Delaware River	Hunterdon	Bucks
Pemberton	2.70	6/1/1984	3.43	1,340	Minor	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Riegelsville	22.00	5/30/1984	24.46	140,000	Minor	Delaware	Delaware River	Warren	Bucks
Trenton	8.50	5/30/1984	8.74	1,990	Minor	Delaware	Assunpink Creek	Mercer	Mercer
Trenton	20.00	5/30/1984	20.64	152,000	Minor	Delaware	Delaware River	Mercer	Mercer

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Conklin	11.00	5/30/1984	11.60	21,900	Minor	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 above Reservoir (Old Site)	5.00	5/30/1984	5.59	2,350	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	5/31/1984	6.67	1,580	Minor	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	6/1/1984	10.08	12,000	Major	Passaic	Passaic River	Passaic	Passaic
Lodi	5.00	5/30/1984	8.23	2,840	Major	Passaic	Saddle River	Bergen	Bergen
Mahwah	8.00	5/30/1984	9.37	3,780	Moderate	Passaic	Ramapo River	Bergen	Bergen
Pine Brook	19.00	6/1/1984	20.88	7,100	Moderate	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	5/30/1984	13.05	6,420	Missing	Passaic	Ramapo River	Passaic	Passaic
Pompton Plains	16.00	5/30/1984	20.01	11,200	Major	Passaic	Pompton River	Passaic	Morris

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	5/30/1984	12.87	8,460	Moderate	Raritan	Millstone River	Somerset	Somerset
Bound Brook	28.00	5/30/1984	30.50	24,200	Moderate	Raritan	Raritan River below Calco Dam	Somerset	Somerset
Manville	14.00	5/30/1984	16.78	18,800	Minor	Raritan	Raritan River	Somerset	Somerset

Southeastern Pennsylvania

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Berne	12.00	5/29/1984	12.52	17,300	Minor	Schuylkill	Schuylkill River	Berks	Berks
Philadelphia	11.00	5/30/1984	11.42	50,400	Minor	Schuylkill	Schuylkill River	Philadelphia	Philadelphia

Weather Summary

A large area of positive vorticity created favorable conditions for the development of a closed low over the Ohio Valley on the 28th of May. Heavy rains fell across much of the Eastern United States as the low moved northeastward across the Mid-Atlantic. Two to four inches of rain fell in New Jersey, Eastern Pennsylvania, and Southern New York on the 28th and 29th. This heavy rainfall resulted in widespread flooding across many of the rivers in the region.

Crest Statistics and Flood Information

First flood of 1 that occurred in May, 1984

Seventh flood of 11 that occurred in 1984

Number of Floods at MARFC Forecast Points - 26

Number of Floods Cresting in Minor Range - 17

Number of Floods Cresting in Moderate Range - 5

Number of Floods Cresting in Major Range - 3

Number of Floods Cresting in Missing Range - 1