

Flood Event of 10/9/1903 - 10/11/1903

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Fishs Eddy	13.00	10/9/1903	23.60	70,000	Major	Delaware	Delaware River	Delaware	Delaware
Harvard	10.00	10/9/1903	-9999.00	42,000	Missing	Delaware	East Branch Delaware River	Delaware	Delaware

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Belvidere	22.00	10/10/1903	28.60	250,000	Major	Main Stem Delaware	Delaware River	Warren	Warren
Easton (Phillipsburg, NJ)	22.00	10/10/1903	38.10	-9,999	Major	Main Stem Delaware	Delaware River	Warren	Northampton
Frenchtown	16.00	10/10/1903	24.40	-9,999	Major	Main Stem Delaware	Delaware River	Hunterdon	Hunterdon
Hale Eddy	11.00	10/10/1903	20.30	46,000	Major	Main Stem Delaware	West Branch Delaware River	Delaware	Delaware
Montague	25.00	10/10/1903	31.10	217,000	Moderate	Main Stem Delaware	Delaware River	Pike	Sussex
New Hope (Lambertville, NJ)	13.00	10/11/1903	22.30	274,000	Major	Main Stem Delaware	Delaware River	Hunterdon	Bucks
Port Jervis	18.00	10/10/1903	23.10	205,000	Minor	Main Stem Delaware	Delaware River	Pike	Orange
Riegelsville	22.00	10/10/1903	35.90	275,000	Major	Main Stem Delaware	Delaware River	Warren	Bucks
Stockton	18.00	10/11/1903	27.74	-9,999	Major	Main Stem Delaware	Delaware River	Hunterdon	Hunterdon
Trenton	20.00	10/11/1903	28.52	295,000	Major	Main Stem Delaware	Delaware River	Mercer	Mercer
Washington Crossing	16.00	10/11/1903	25.90	-9,999	Major	Main Stem Delaware	Delaware River	Mercer	Bucks

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Binghamton	14.00	10/10/1903	17.50	-9,999	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	10/10/1903	7.80	7,560	Moderate	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	10/11/1903	7.23	2,310	Moderate	Passaic	Passaic River	Morris	Morris
Little Falls	7.00	10/10/1903	17.50	31,700	Major	Passaic	Passaic River	Passaic	Passaic
Macopin Intake Dam	15.00	10/10/1903	17.40	6,100	Missing	Passaic	Pequannock River	Passaic	Passaic
Mahwah	8.00	10/9/1903	11.00	12,400	Moderate	Passaic	Ramapo River	Bergen	Bergen
Pine Brook	19.00	10/10/1903	23.20	-9,999	Major	Passaic	Passaic River	Morris	Morris
Pompton Plains	16.00	10/10/1903	-9999.00	28,340	Missing	Passaic	Pompton River	Passaic	Morris

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Manville	14.00	10/10/1903	18.50	28,600	Moderate	Raritan	Raritan River	Somerset	Somerset
Stanton	8.00	10/9/1903	10.52	9,020	Moderate	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Weather Summary

A deep low pressure system moved eastward through the Great Lakes and Southern Canada and produced a cold front that stretched southward from Canada all the way through Florida. Lifting of tropical air along this cold front brought instability and extremely heavy rain showers to the Mid-Atlantic on the 8th and 9th. Meanwhile, a secondary low pressure system developed along the front, just off the Carolina coastline on the 9th. These two systems dumped up to 10.04 inches of rain in 24 hours across the Mid-Atlantic which caused widespread major flooding in the Delaware, Passaic, Raritan, and the North Branch Susquehanna Basins. Storm totals (Oct. 8-9) included 15.00 inches of rain in Paterson, 11.58 inches in Newark, NJ.

Crest Statistics and Flood Information

First flood of 1 that occurred in Oct, 1903

Fourth flood of 4 that occurred in 1903

Number of Floods at MARFC Forecast Points - 23

Number of Floods Cresting in Minor Range - 1

Number of Floods Cresting in Moderate Range - 7

Number of Floods Cresting in Major Range - 12

Number of Floods Cresting in Missing Range - 3