

Flood Event of 9/21/1938 - 9/24/1938

Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Cooks Falls	10.00	9/21/1938	13.67	17,100	Minor	Delaware	Beaver Kill	Delaware	Delaware
Fishs Eddy	13.00	9/22/1938	18.21	41,000	Major	Delaware	Delaware River	Delaware	Delaware
Harvard	10.00	9/22/1938	16.93	31,400	Major	Delaware	East Branch Delaware River	Delaware	Delaware
Pemberton	2.70	9/22/1938	4.02	1,680	Major	Delaware	North Branch Rancocas Creek	Burlington	Burlington
Trenton	8.50	9/22/1938	10.74	3,320	Major	Delaware	Assunpink Creek	Mercer	Mercer

Main Stem Delaware

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Hale Eddy	11.00	9/22/1938	15.59	25,600	Major	Main Stem Delaware	West Branch Delaware River	Delaware	Delaware
Riegelsville	22.00	9/23/1938	23.00	123,000	Minor	Main Stem Delaware	Delaware River	Warren	Bucks

Neshaminy

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Langhorne	9.00	9/21/1938	13.34	17,100	Major	Neshaminy	Neshaminy Creek	Bucks	Bucks

North Branch Susquehanna

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Conklin	11.00	9/23/1938	15.89	34,100	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome

Sherburne	8.00	9/22/1938	8.39	2,520	Minor	North Branch Susquehanna	Chenango River	Chenango	Chenango
Unadilla	11.00	9/22/1938	13.76	21,000	Moderate	North Branch Susquehanna	North Branch Susquehanna River	Otsego	Otsego
Vestal	18.00	9/23/1938	19.14	47,600	Minor	North Branch Susquehanna	North Branch Susquehanna River	Broome	Broome
Waverly	11.00	9/23/1938	11.55	54,900	Minor	North Branch Susquehanna	North Branch Susquehanna River	Bradford	Tioga

Passaic

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Boonton above Reservoir (Old Site)	5.00	9/22/1938	5.55	2,260	Minor	Passaic	Rockaway River	Morris	Morris
Boonton below Reservoir	5.00	9/22/1938	6.06	1,860	Minor	Passaic	Rockaway River	Morris	Morris
Chatham	6.00	9/21/1938	6.86	1,910	Minor	Passaic	Passaic River	Morris	Morris
Lodi	5.00	9/22/1938	6.21	1,680	Minor	Passaic	Saddle River	Bergen	Bergen
Mahwah	8.00	9/22/1938	10.40	6,720	Moderate	Passaic	Ramapo River	Bergen	Bergen
Millington	8.00	9/22/1938	8.11	1,040	Minor	Passaic	Passaic River	Somerset	Morris
Pine Brook	19.00	9/24/1938	19.40	-9,999	Minor	Passaic	Passaic River	Morris	Morris
Pompton Lakes	11.70	9/22/1938	13.13	6,620	Missing	Passaic	Ramapo River	Passaic	Passaic

Raritan

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Blackwells Mills	9.00	9/21/1938	15.29	18,300	Major	Raritan	Millstone River	Somerset	Somerset
Manville	14.00	9/22/1938	20.42	36,100	Major	Raritan	Raritan River	Somerset	Somerset

Raritan	10.00	9/21/1938	12.16	16,500	Moderate	Raritan	North Branch Raritan River	Somerset	Somerset
Stanton	8.00	9/21/1938	10.72	8,130	Moderate	Raritan	South Branch Raritan River	Hunterdon	Hunterdon

Schuylkill

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County of Gage	County of Forecast Point
Graterford	11.00	9/21/1938	13.50	14,000	Moderate	Schuylkill	Perkiomen Creek	Montgomery	Montgomery

Weather Summary

The fourth hurricane of the season or as it's also known the Long Island Express Hurricane flew through the Northeast late in September of 1938. The hurricane which was a Category 5 storm at one point near the Bahamas before it accelerated northward remaining just off of the Eastern Seaboard. The storm finally made landfall as a Category 3 storm on Long Island on September 21st just hours before astronomical high tide. Coastal flooding, high winds, and heavy rains ravaged the New York Metropolitan area. The storm had an anomalous forward speed of nearly 70 mph, which allowed for the storm to move through the region fairly quickly. Nevertheless, areas in New Jersey, New York, and other parts of the Northeast saw upwards of 5.00 of rain and possibly higher amounts in a very short period of time. This heavy rainfall caused major flooding across New York, New Jersey, and Pennsylvania which, in combination of the hurricane force winds and storm surge, resulted in millions of dollars in damage.

Crest Statistics and Flood Information

First flood of 1 that occurred in Sep, 1938

Seventh flood of 9 that occurred in 1938

Number of Floods at MARFC Forecast Points - 26

Number of Floods Cresting in Minor Range - 11

Number of Floods Cresting in Moderate Range - 6

Number of Floods Cresting in Major Range - 8

Number of Floods Cresting in Missing Range - 1