

Top10 Highest Historical Crests: Passaic River at Little Falls, NJ

Latitude: 40.885
Flood Stage: 7

Period of Record: 1903-Present
Last Flood: 12/23/2018

Longitude: -74.226
Number of Floods: 63

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
10/10/1903	17.5	31,700	The combination of a cold front from a low pressure system produced a secondary low pressure system produced up to 10 inches of rain in a 24-hour period. Locally heavier amounts of 11.58 and 15 inches reported in parts of New Jersey.
8/30/2011	14.19	20,800	Hurricane Irene brought heavy rains and flooding 26-28 August 2011. Area averaged rainfall from gauge and radar data indicated a broad swath of 3 to 10 inches with over 13" at a couple of spots.
4/7/1984	12.91	18,400	An unusually wet winter and frozen ground preceded the passage of a low pressure system. The system dumped over an inch of rain throughout the area, but portions of New Jersey received up to 8 inches of rain.
4/18/2007	11.88	15,800	Two low successive low pressure systems produced rain and snow that caused flooding. Warm temperatures after the passage of the second low led to snowmelt and additional flooding.
3/16/2010	11.87	15,800	A low pressure system dumped heavy rain across the region with totals ranging from 1 - 3 inches in most of the area and 3 - 7 inches in New Jersey. The rainfall, combined with the melting snowpack caused significant flooding throughout the Mid-Atlantic.
3/12/2011	11.81	15,600	Two successive rainstorms produce 1 to 4 inches followed by 1 to 5 inches. Some spots in NJ picked up over 8 inches.
9/9/2011	11.05	14,000	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
5/31/1968	10.73	13,500	Low pressure produced at least a couple inches of rainfall over New Jersey.
4/4/2005	10.11	12,100	A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania.

Drainage Area: 762 square miles
Gage Datum: 120 ft MSL

Data represent all historical events.
Passaic Basin

County of Gage: Passaic
County of Forecast Point: Passaic

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
6/1/1984	10.08	12,000	Heavy rains produced 2-4 inches of rainfall in New Jersey, Eastern Pennsylvania and Southern New York.

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Gage Datum: 120 ft MSL

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Passaic Basin

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