

# Top10 Highest Historical Crests: North Branch Rancocas Creek at Pemberton, NJ

Latitude: 39.969

Period of Record: 1938-Present

Longitude: -74.684

Flood Stage: 2.5

Last Flood: 6/20/2019

Number of Floods: 65

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
8/29/2011	4.91	2,400	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.
6/20/2019	4.45	2,110	Training thunderstorms dropped locally 3-6 inches of rain in PA and NJ. Major flood at Pemberton, NJ.
8/21/1939	4.23	1,730	The remnants of the second hurricane of year produced heavy rain throughout the Mid-Atlantic region with 14.81 inches observed at Tuckerton, NJ.
7/14/2004	4.19	1,840	Thunderstorms produced 3 -6 inches of rain across Southeastern Pennsylvania and New Jersey.
8/28/1971	4.18	1,710	Tropical Storm Doria dumped 3 to 7 inches of rain across the region. Localized rainfall amounts of 8 to 10 inches were reported in the Tidewater area, Eastern NJ and Eastern PA.
9/22/1938	4.02	1,680	The Long Island Express Hurricane produced more than 5 inches of rain in New Jersey, New York and other parts of the Northeast. Major flooding occurred across New York, New Jersey and Pennsylvania.
9/13/1960	3.81	1,420	Hurricane Donna made its second landfall near Wilmington, NC as a Category 3 hurricane. It produced 6 to 8 inches of rain in Eastern Virginia and caused 3 fatalities.
2/26/1979	3.79	1,660	A few days before the flooding, a blizzard dumped 16-24" of snow across the region. Then, rain showers associated with a low pressure system produced 1-4 inches of rain and melted several inches of the snowpack.
3/15/2010	3.68	1,470	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.

Drainage Area: 118 square miles

Gage Datum: 31.19 ft MSL

Data represent all historical events.  
Delaware Basin

County of Gage: Burlington  
County of Forecast Point: Burlington

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Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
4/17/2007	3.67	1,470	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.

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