

# Top10 Highest Historical Crests: Raritan River below Calco Dam at Bound Brook, NJ

Latitude: 40.475  
Flood Stage: 28

Period of Record: 1882-Present  
Last Flood: 11/25/2018

Longitude: -74.548  
Number of Floods: 71

Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/17/1999	42.13	82,900	Hurricane Floyd produced heavy rainfall from Virginia to Long Island. Rainfall totals ranged from 12 inches in Delaware to 16.57 inches in Newport News, Virginia. Two dams burst in New Jersey and several flood records were broken in New Jersey.
8/28/2011	41.9	80,400	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.
4/16/2007	38.3	56,900	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.
8/28/1971	37.47	46,100	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.
3/14/2010	36.04	45,900	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.
10/20/1996	35.58	40,100	Frontal boundaries following a low pressure system produced a few inches of rainfall across the area, but dumped up to 8.50 inches in New Jersey.
5/1/2014	34.65	38,800	The boundary between the cold air and the warm moist air produced heavy rainfall and flooding from eastern VA NE through NJ. The surge of high PW air and strong winds over the cold front had the appearance of a Maddox synoptic type event.
1/20/1996	33.34	32,700	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
1/25/1979	33.18	34,600	A significant low pressure system produced 2 to 4 inches of rain throughout New Jersey, Eastern Pennsylvania and Virginia.

Drainage Area: 785 square miles  
Gage Datum: 0 ft MSL

Data represent all historical events.  
Raritan Basin

County of Gage: Somerset  
County of Forecast Point: Somerset

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Date of Flood	Crest (ft)	Streamflow (cfs)	Weather Summary
9/8/2011	33.14	33,900	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.

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