

Historical Floods: North Branch Rancocas Creek at Pemberton, NJ

Latitude: 39.969
Flood Stage: 2.5

Period of Record: 1938-Present
Last Flood: 6/20/2019

Longitude: -74.684
Number of Floods: 65

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/22/1938	4.02	1,680	Major	C1 C7 F2 G1	9/14/1971	3.02	1,000	Minor	none
8/21/1939	4.23	1,730	Major	C1 C7 F2 G1	11/10/1972	2.78	824	Minor	none
9/1/1940	3.11	1,480	Minor	C1 C7 F2 G1	2/3/1973	2.83	864	Minor	none
4/29/1952	3.08	1,170	Minor	G3	9/26/1975	3.09	1,050	Minor	none
3/14/1953	2.72	825	Minor	none	11/9/1977	2.9	929	Minor	none
3/1/1958	2.84	934	Minor	none	1/19/1978	2.83	881	Minor	none
5/8/1958	2.73	834	Minor	none	1/27/1978	3.14	1,110	Minor	none
8/27/1958	3.61	1,420	Moderate	none	5/26/1978	2.78	846	Minor	none
9/13/1960	3.81	1,420	Moderate	C5	1/22/1979	2.96	972	Minor	none
3/24/1961	2.89	981	Minor	none	1/26/1979	2.87	908	Minor	none
3/13/1962	2.77	870	Minor	none	2/26/1979	3.79	1,660	Moderate	none
8/29/1962	3.03	1,080	Minor	none	3/8/1979	2.94	957	Minor	none
3/8/1967	2.71	809	Minor	none	3/30/1984	2.95	964	Minor	none
5/31/1968	2.93	1,000	Minor	none	4/6/1984	2.77	839	Minor	none
6/14/1968	3.39	1,300	Minor	none	6/1/1984	3.43	1,340	Minor	none
7/30/1969	3.42	1,320	Minor	none	4/17/1986	2.8	860	Minor	none
9/5/1969	2.8	888	Minor	none	4/4/1987	2.72	803	Minor	none
12/27/1969	2.91	985	Minor	none	7/6/1989	2.72	803	Minor	none
4/16/1970	2.85	933	Minor	none	9/20/1989	3.01	1,010	Minor	none
8/28/1971	4.18	1,710	Moderate	none	12/13/1992	2.96	971	Minor	none

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

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/11/1998	3.6	1,490	Moderate	none	11/27/2018	3.03	1,060	Minor	none
9/17/1999	3.23	1,180	Minor	none	6/20/2019	4.45	2,110	Major	none
2/24/2003	2.78	846	Minor	none					
2/7/2004	2.59	710	Minor	none					
4/15/2004	2.58	703	Minor	none					
7/14/2004	4.19	1,840	Major	none					
10/15/2005	2.8	860	Minor	none					
4/17/2007	3.67	1,470	Moderate	none					
12/28/2009	3.06	1,040	Minor	none					
2/25/2010	2.66	761	Minor	none					
3/15/2010	3.68	1,470	Moderate	none					
3/31/2010	3.51	1,360	Moderate	none					
8/29/2011	4.91	2,400	Major	none					
10/31/2012	2.58	700	Minor	none					
12/28/2012	2.56	635	Minor	none					
6/11/2013	2.54	566	Minor	none					
7/2/2013	2.5	537	Minor	none					
3/31/2014	2.65	700	Minor	none					
5/1/2014	2.98	1,020	Minor	none					
2/12/2018	2.76	827	Minor	none					
3/4/2018	2.57	676	Minor	none					
6/12/2018	2.81	880	Minor	none					
10/13/2018	2.65	733	Minor	none					

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Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
Code	Description								
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.								
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.								
C3	Crest height estimated by the USGS.								
C4	Crest height is from the National Weather Service.								
C5	Crest height affected by backwater.								
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.								
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects.								
C8	Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.								
C9	Crest date (day) in the month is unknown.								
F1	Flow is an estimate.								
F2	Flow affected by regulation or diversion and in some cases to an unknown degree.								
F3	Flow effected by snow-melt, ice jam or debris jam break up.								
F4	Flow affected by dam failure.								
F5	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.								
G1	Gage height at a different site and/or datum.								
G2	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.								
G3	Gage datum changed during this year.								
none	No code; Good Data								