

Historical Floods: North Branch Raritan River near Raritan, NJ

Latitude: 40.571
Flood Stage: 10

Period of Record: 1896-Present
Last Flood: 11/25/2018

Longitude: -74.679
Number of Floods: 56

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
2/6/1896	-9999	19,000	Missing	C1 F1	6/22/1972	10.22	10,400	Minor	none
11/3/1927	10	10,500	Minor	C1	8/2/1973	10.44	10,900	Minor	none
9/15/1933	10	10,500	Minor	C1	12/21/1973	10.42	10,900	Minor	none
9/30/1934	10.6	12,200	Minor	C1	7/21/1975	10.44	10,900	Minor	none
1/3/1936	11.35	14,400	Minor	C1	1/25/1979	11.87	15,100	Minor	none
3/12/1936	10.5	11,900	Minor	C1	3/21/1980	10.68	11,600	Minor	none
9/21/1938	12.16	16,500	Moderate	none	5/12/1981	10.63	11,400	Minor	none
3/15/1940	11.62	15,100	Minor	none	1/4/1982	10.24	10,400	Minor	none
8/9/1942	11.78	15,500	Minor	none	2/3/1982	11.68	14,500	Minor	none
8/14/1942	11.33	14,200	Minor	none	4/16/1983	11.59	14,200	Minor	none
6/2/1946	10.18	11,000	Minor	none	4/5/1984	10.79	11,900	Minor	none
12/30/1948	11.25	14,000	Minor	none	7/7/1984	15.3	27,900	Major	none
11/7/1951	10.63	10,900	Minor	none	1/29/1994	10.19	10,000	Minor	none
8/13/1955	12.7	17,400	Moderate	none	1/19/1996	14.3	23,700	Moderate	C5
8/19/1955	13.59	20,700	Moderate	none	10/19/1996	15.44	27,400	Major	C5
10/15/1955	12.68	17,300	Moderate	none	9/16/1999	18.98	29,000	Major	C5
2/8/1965	10.49	10,600	Minor	none	12/11/2003	10.17	10,230	Minor	none
5/29/1968	10.34	10,700	Minor	none	2/7/2004	11.32	13,405	Minor	none
4/3/1970	10.49	11,200	Minor	none	7/23/2004	11.95	11,200	Minor	none
8/28/1971	15.47	28,600	Major	C5	9/29/2004	10.48	10,000	Minor	none

Drainage Area: 190 square miles
Gage Datum: 50.43 ft MSL

Data represent all historical events.
Raritan Basin

County of Gage: Somerset
County of Forecast Point: Somerset

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
4/3/2005	10.34	6,250	Minor	none					
10/9/2005	10.88	8,020	Minor	none					
6/28/2006	10.71	10,700	Minor	none					
3/2/2007	10.27	9,510	Minor	none					
4/16/2007	13.21	11,400	Moderate	none					
2/13/2008	10.62	10,500	Minor	none					
3/8/2008	11.42	7,720	Minor	none					
12/12/2008	10.57	6,950	Minor	none					
3/14/2010	13.9	14,400	Moderate	none					
3/7/2011	10.01	8,840	Minor	none					
4/17/2011	11.15	11,500	Minor	none					
8/28/2011	17.96	27,800	Major	none					
9/7/2011	10.11	8,240	Minor	none					
9/8/2011	12.72	17,500	Moderate	none					
5/1/2014	13.29	12,700	Moderate	none					
11/25/2018	10.5	7,210	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								