

Historical Floods: Wanaque River at Wanaque, NJ

Latitude: 41.044

Period of Record: 1920-Present

Longitude: -74.293

Flood Stage: 6

Last Flood: 12/21/2018

Number of Floods: 52

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/1/1920	7.5	1,650	Moderate	C1 G1	1/28/1976	5.6	1,520	Minor	C6 F2
3/8/1922	7.65	1,690	Moderate	C1 G1	3/23/1977	6.3	2,090	Moderate	F2
4/7/1924	8.01	5,050	Major	C1 G1	3/27/1978	6.98	2,800	Moderate	F2
2/12/1925	5.57	2,040	Minor	C1 C6 G1	5/25/1979	6.07	1,870	Moderate	F2
9/2/1927	6.9	3,390	Moderate	C1 F2 G1	4/10/1980	7.33	3,450	Moderate	F2
4/18/1933	5.85	1,830	Minor	C6 F2	3/19/1983	6.85	2,580	Moderate	F2
3/19/1936	6.07	1,940	Moderate	F2	4/5/1984	10.82	10,500	Major	F2
1/25/1938	6.17	2,020	Moderate	F2	4/4/1987	7.49	3,040	Moderate	F2
7/23/1945	6.37	1,690	Moderate	F2	5/17/1989	6.69	2,160	Moderate	F2
3/31/1951	9.12	8,470	Major	F2	6/6/1992	6.34	1,840	Moderate	F2
6/1/1952	7.62	3,940	Moderate	F2	3/29/1993	5.7	1,380	Minor	C6 F2
1/25/1953	6	1,770	Moderate	F2	5/11/1998	6.02	1,590	Moderate	F2
10/17/1955	5.96	1,740	Minor	C6 F2	3/22/2003	5.7	1,380	Minor	C6 F2
4/7/1958	5.62	1,480	Minor	C6 F2	12/12/2003	5.97	1,550	Minor	C6 F2
4/5/1960	5.67	1,520	Minor	C6 F2	12/25/2003	5.47	1,238	Minor	C6 F2
5/29/1968	8.42	5,920	Major	F2	1/15/2005	5.26	1,120	Minor	C6 F2
4/3/1970	6.96	2,830	Moderate	F2	3/29/2005	5.55	1,290	Minor	C6 F2
6/23/1972	6.32	2,070	Moderate	F2	4/3/2005	7.59	3,180	Moderate	F2
2/3/1973	7.33	3,410	Moderate	F2	1/14/2006	5.04	1,000	Minor	C6 F2
3/21/1975	5.23	1,270	Minor	C6 F2	1/19/2006	5.82	1,450	Minor	C6 F2

Drainage Area: 90.4 square miles

Gage Datum: 210 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)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
4/17/2007	6.8	2,270	Moderate	F2					
3/10/2008	5.09	1,030	Minor	C6 F2					
3/14/2010	7.53	3,100	Moderate	F2					
3/23/2010	5.39	1,190	Minor	C6 F2					
3/31/2010	6.13	1,670	Moderate	F2					
3/11/2011	8.04	3,740	Major	F2					
4/18/2011	6.25	1,770	Moderate	F2					
8/29/2011	7.88	3,520	Moderate	F2					
9/8/2011	7.51	3,080	Moderate	F2					
12/8/2011	5.58	1,470	Minor	C6 F2					
5/2/2014	5.21	1,250	Minor	C6 F2					
12/21/2018	6.12	1,650	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								