

Historical Floods: Pompton River at Pompton Plains, NJ

Latitude: 40.97
Flood Stage: 16

Period of Record: 1903-Present
Last Flood: 12/22/2018

Longitude: -74.282
Number of Floods: 47

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/10/1903	-9999	28,340	Missing	C1 F1 F2 F3 F4	5/25/1979	16.95	7,890	Minor	F2
7/23/1945	16.29	9,690	Minor	C1 F2 G1	3/22/1980	17.74	9,300	Minor	F2
3/31/1951	18.75	13,100	Moderate	C1 F2 G1	4/10/1980	19.56	12,000	Major	F2
6/2/1952	16.37	9,790	Minor	C1 F2 G1	3/19/1983	18.27	10,100	Moderate	F2
10/16/1955	17.06	15,800	Minor	C1 F2 G1	3/22/1983	16.28	7,220	Minor	F2
5/30/1968	22.18	12,300	Major	F2	4/17/1983	17.34	8,710	Minor	F2
2/11/1970	16.57	5,770	Minor	F2	12/14/1983	17.24	7,740	Minor	F2
4/3/1970	19.28	8,520	Major	F2	4/6/1984	24.47	25,400	Major	F2
8/28/1971	19.26	8,610	Major	F2	5/30/1984	20.01	11,200	Major	F2
9/12/1971	16.78	5,980	Minor	F2	4/5/1987	18.91	12,600	Moderate	F2
6/23/1972	18.04	7,240	Moderate	F2	5/17/1989	18.89	12,500	Moderate	F2
2/3/1973	20.37	11,500	Major	F2	1/28/1996	16.96	9,490	Minor	F2
6/30/1973	16.38	6,020	Minor	F2	5/12/1998	16.32	8,620	Minor	F2
12/22/1973	19.27	9,730	Major	F2	9/17/1999	21.01	16,400	Major	C5 F2
3/21/1975	16.48	6,150	Minor	F2	12/12/2003	16.77	9,290	Minor	F2
1/28/1976	16.94	6,670	Minor	F2	4/3/2005	20.42	15,300	Major	F2
3/23/1977	17.75	9,000	Minor	C7 F1 F2	10/9/2005	17.86	10,600	Minor	F2
11/9/1977	19.71	11,600	Major	F2	10/13/2005	17.56	10,500	Minor	F2
3/27/1978	17.48	8,580	Minor	F2	4/16/2007	21.72	18,000	Major	F2
1/25/1979	18.17	9,520	Moderate	F2	3/14/2010	22.77	18,900	Major	F2

Drainage Area: 355 square miles
Gage Datum: 160 ft MSL

Data represent all historical events.
Passaic Basin

County of Gage: Passaic
County of Forecast Point: Morris

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/31/2010	16.9	9,030	Minor	none					
3/7/2011	20.32	14,400	Major	none					
3/11/2011	22.11	17,700	Major	none					
4/17/2011	19.84	13,600	Major	none					
8/29/2011	25.24	25,000	Major	none					
9/8/2011	20.33	14,300	Major	none					
12/22/2018	16.17	7,630	Minor	none					

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

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