

Historical Floods: Ramapo River at Pompton Lakes, NJ

Latitude: 40.992
Flood Stage: 11.5

Period of Record: 1882-Present
Last Flood: 9/8/2011

Longitude: -74.28
Number of Floods: 97

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/23/1882	-9999	10,500	Missing	C1 C9 G1	12/21/1957	12.5	4,750	Minor	C1 C7 G1
2/6/1896	-9999	8,730	Missing	C1 C9 G1	2/28/1958	12.09	3,550	Minor	C1 G1
3/2/1902	-9999	7,050	Missing	C1 G1	8/20/1960	12.09	3,550	Minor	C1 C7 G1
3/7/1922	12.37	5,900	Minor	C1 C7 G1	2/26/1961	12.23	3,950	Minor	C1 C7 G1
4/7/1924	12.58	6,800	Minor	C1 C7 G1	5/29/1968	13.82	9,530	Missing	C1 C7 G1
9/2/1927	12.68	7,220	Minor	C1 C7 G1	2/11/1970	12.05	3,440	Minor	C1 G1
8/24/1933	12.33	5,680	Minor	C1 C7 G1	4/3/1970	12.43	4,540	Minor	C1 C7 G1
3/12/1936	13.56	12,300	Missing	C1 C7 G1	8/28/1971	12.99	6,420	Minor	C1 C7 G1
9/22/1938	13.13	6,620	Missing	C1 C7 G1	9/12/1971	12.44	4,570	Minor	C1 G1
7/20/1945	12.14	3,890	Minor	C1 G1	2/3/1973	12.75	5,580	Minor	C1 C7 G1
7/23/1945	13.45	8,560	Missing	C1 C7 G1	12/21/1973	13.17	7,040	Missing	C1 C7 G1
12/31/1948	12.65	5,520	Minor	C1 C7 G1	9/27/1975	12.03	3,380	Minor	C1 C7 G1
3/31/1951	13.55	8,520	Missing	C1 C7 G1	3/23/1977	12.63	5,290	Minor	C1 C7 G1
3/12/1952	12.5	4,680	Minor	C1 G1	11/8/1977	14.04	10,300	Missing	C1 C7 G1
4/6/1952	12	3,190	Minor	C1 G1	3/27/1978	12.18	3,810	Minor	C1 G1
6/2/1952	12.53	4,780	Minor	C1 C7 G1	5/15/1978	12.2	3,870	Minor	C1 G1
1/25/1953	12	3,190	Minor	C1 C7 G1	1/25/1979	12.65	5,130	Minor	C1 C7 G1
8/14/1955	12.41	4,480	Minor	C1 G1	3/7/1979	12.04	3,380	Minor	C1 G1
8/19/1955	13.58	8,570	Missing	C1 C7 G1	5/25/1979	12.16	3,710	Minor	C1 G1
10/16/1955	14.4	12,000	Missing	C1 C7 G1	3/22/1980	13.13	6,700	Missing	C1 C7 G1

Drainage Area: 160 square miles
Gage Datum: 171.35 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
4/10/1980	12.96	6,120	Minor	C1 G1	10/20/1996	12.14	3,650	Minor	C1 G1
2/21/1981	12.13	3,630	Minor	C1 C7 G1	5/11/1998	12	3,280	Minor	C1 G1
1/5/1982	11.73	2,590	Minor	C1 G1 G3	3/23/1999	12.18	3,760	Minor	C1 G1
3/19/1983	12.66	5,160	Minor	C1 G1	9/16/1999	14.9	14,000	Missing	C1 G1
4/17/1983	12.12	3,600	Minor	C1 G1	10/30/2003	11.71	2,539	Missing	C1 G1
4/25/1983	11.8	2,760	Minor	C1 G1	12/12/2003	12.31	4,120	Missing	C1 G1
12/14/1983	13.15	6,770	Missing	C1 G1	12/25/2003	12.04	3,385	Missing	C1 G1
4/5/1984	15.21	15,400	Missing	C1 G1	7/23/2004	12.2	3,816	Missing	C1 G1
5/30/1984	13.05	6,420	Missing	C1 G1	8/17/2004	11.74	2,615	Missing	C1 G1
7/7/1984	12.1	3,540	Minor	C1 G1	9/9/2004	12.32	2,210	Missing	C1 G1
8/3/1986	11.8	2,760	Minor	C1 G1	9/18/2004	13.56	6,390	Missing	C1 G1
4/1/1987	11.71	2,540	Minor	C1 G1	9/29/2004	12.78	3,600	Missing	C1 G1
4/5/1987	13.07	6,490	Missing	C1 G1	1/15/2005	10.01	2,650	Missing	C1 G1
5/6/1989	12.07	3,460	Minor	C1 G1	3/29/2005	10.58	3,390	Missing	C1 G1
5/17/1989	12.77	5,510	Missing	C1 G1	4/3/2005	14.22	6,360	Major	C1 G1 G3
10/21/1989	12.29	4,070	Minor	C1 G1	10/9/2005	14.4	7,130	Major	C1 G1
12/5/1990	11.72	2,560	Minor	C1 G1	10/13/2005	13.66	5,860	Major	C1 G1
3/29/1993	11.82	2,810	Minor	C1 G1	12/1/2005	9.6	1,990	Minor	C1 G1
4/2/1993	11.71	2,540	Minor	C1 G1	12/16/2005	9.31	1,670	Minor	C1 G1
11/12/1995	12.24	3,930	Minor	C1 G1	1/4/2006	9.01	1,320	Minor	C1 G1
1/20/1996	12.74	5,410	Missing	C1 G1	1/15/2006	9.13	1,450	Minor	C1 G1
1/28/1996	12.52	4,740	Minor	C1 G1	1/19/2006	9.88	2,320	Minor	C1 G1
7/14/1996	12.1	3,540	Minor	C1 G1	5/12/2006	9.13	1,450	Minor	C1 G1

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Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/8/2006	9.09	1,410	Minor	C1 G1					
6/28/2006	9.16	1,490	Minor	C1 G1					
11/9/2006	10.28	2,760	Minor	C1 G1					
4/16/2007	16.99	9,930	Major	C1 F2 G1					
12/24/2007	13.02	5,670	Major	C1 F2 G1					
3/14/2010	18.05	11,000	Major	none					
3/7/2011	15.83	8,710	Major	none					
3/11/2011	16.72	9,650	Major	none					
4/17/2011	14.18	6,890	Moderate	none					
8/28/2011	22.61	17,800	Major	none					
9/8/2011	14.33	7,090	Moderate	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								