

Historical Floods: Saddle River at Lodi, NJ

Latitude: 40.89

Period of Record: 1924-Present

Longitude: -74.081

Flood Stage: 6

Last Flood: 12/21/2018

Number of Floods: 99

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
4/7/1924	5.44	1,280	Minor	C1 G1	3/25/1969	5.23	1,540	Minor	C1 F5 G1
9/2/1927	6.82	1,630	Minor	C1 G1	4/3/1970	6.32	2,130	Minor	C1 F5 G1
2/8/1929	5	903	Minor	C1 G1	8/28/1971	10.16	-9,999	Major	C1 F5 G1
11/20/1932	5.3	1,320	Minor	C1 G1	9/12/1971	10.98	3,770	Major	C1 F5 G1
8/24/1933	5.16	1,240	Minor	C1 G1	6/19/1972	6.57	2,240	Minor	C1 F5 G1
3/12/1936	6.27	1,720	Minor	C1 G1	11/9/1972	7.08	2,450	Moderate	C1 F5 G1
4/7/1936	5.16	1,300	Minor	C1 G1	2/3/1973	9.17	3,210	Major	C1 F5 G1
1/26/1938	5.19	1,340	Minor	C1 G1	12/21/1973	8.35	2,940	Major	C1 F5 G1
9/22/1938	6.21	1,680	Minor	C1 G1	5/15/1975	7.77	2,640	Moderate	C1 F5 G1
7/23/1945	10	3,500	Major	C1 G1	7/14/1975	7.97	2,720	Moderate	C1 F5 G1
3/31/1951	7.27	2,530	Moderate	C1 G1	9/27/1975	7.05	2,350	Moderate	C1 F5 G1
6/2/1952	5.59	1,740	Minor	C1 G1	7/1/1976	7.32	2,440	Moderate	C1 F5 G1
3/14/1953	5.8	1,860	Minor	C1 G1	2/25/1977	8.96	3,130	Major	C1 F5 G1
8/19/1955	6.47	2,200	Minor	C1 G1	3/23/1977	7.08	2,380	Moderate	C1 F5 G1
10/16/1955	5.23	1,530	Minor	C1 G1	11/9/1977	12.36	4,500	Major	C1 F5 G1
2/28/1958	5.63	1,760	Minor	C1 G1	1/26/1978	6.39	1,980	Minor	C1 F5 G1
3/13/1962	5.46	1,670	Minor	C1 G1	1/21/1979	8.35	2,890	Major	C1 F5 G1
2/8/1965	5.16	1,490	Minor	C1 G1	1/25/1979	7.83	2,680	Moderate	C1 F5 G1
9/22/1966	5.33	1,600	Minor	C1 F5 G1	4/10/1980	7.31	2,470	Moderate	C1 F5 G1
5/29/1968	9.53	3,330	Major	C1 F5 G1	4/29/1980	7.06	2,370	Moderate	C1 F5 G1

Drainage Area: 54.6 square miles

Gage Datum: 25 ft MSL

Data represent all historical events.
Passaic Basin

County of Gage: Bergen
County of Forecast Point: Bergen

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/12/1981	5.92	1,900	Minor	C1 F5 G1	1/27/1996	6.08	1,860	Minor	C1 F5 G1
1/4/1982	6.1	1,980	Minor	C1 F5 G1	4/16/1996	6.45	2,040	Minor	C1 F5 G1
4/10/1983	6.16	2,000	Minor	C1 F5 G1	10/20/1996	6.53	2,080	Minor	C1 F5 G1
4/16/1983	7.5	2,550	Moderate	C1 F5 G1	4/10/1998	5.15	1,490	Minor	C1 F5 G1
12/13/1983	7.65	2,610	Moderate	C1 F5 G1	9/17/1999	13.94	5,330	Major	F5
4/5/1984	9.51	3,350	Major	C1 F5 G1	12/24/2003	6.45	2,117	Minor	F5
5/30/1984	8.23	2,840	Major	C1 F5 G1	7/24/2004	6.72	2,223	Minor	F5
7/6/1984	6.26	2,040	Minor	C1 F5 G1	9/18/2004	7.33	2,450	Moderate	F5
7/7/1984	8.59	2,990	Major	C1 F5 G1	9/29/2004	6.57	2,080	Minor	F5
9/27/1985	6.44	2,120	Minor	C1 F5 G1	4/3/2005	6.54	2,070	Minor	F5
1/26/1986	5.81	1,850	Minor	C1 F5 G1	10/9/2005	8.82	3,080	Major	F5
12/3/1986	6.91	2,310	Minor	C1 F5 G1	10/13/2005	9.35	3,290	Major	F5
4/4/1987	6.94	2,320	Minor	C1 F5 G1	6/28/2006	6.09	1,840	Minor	F5
10/28/1987	5.39	1,630	Minor	C1 F5 G1	10/28/2006	6.41	2,000	Minor	F5
5/17/1989	7.08	2,380	Moderate	C1 F5 G1	11/9/2006	7.8	2,660	Moderate	F5
9/20/1989	7.05	2,360	Moderate	C1 F5 G1	3/2/2007	7.78	2,650	Moderate	F5
5/17/1990	7.68	2,620	Moderate	C1 F5 G1	4/16/2007	12.33	5,050	Major	F5
3/4/1991	7.48	2,540	Moderate	C1 F5 G1	2/13/2008	6.41	2,000	Minor	F5
9/3/1992	6.13	1,990	Minor	C1 F5 G1	9/7/2008	7.77	2,630	Moderate	F5
11/23/1992	5.42	1,650	Minor	C1 F5 G1	12/12/2008	6.36	1,900	Minor	F5
11/28/1993	6.12	1,990	Minor	C1 F5 G1	12/27/2009	6.16	1,890	Minor	F5
11/12/1995	6.38	2,090	Minor	C1 F5 G1	3/14/2010	7.26	2,470	Moderate	F5
1/19/1996	7.21	2,390	Moderate	C1 F5 G1	3/30/2010	6.12	1,880	Minor	F5

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County of Forecast Point: Bergen

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/23/2010	6.21	1,910	Minor	F5					
10/1/2010	6.42	2,010	Minor	F5					
3/7/2011	8.13	2,870	Major	F5					
3/11/2011	9.49	3,560	Major	F5					
4/17/2011	9.66	3,650	Major	F5					
6/23/2011	6.85	2,300	Minor	F5					
8/28/2011	13.5	5,320	Major	F5					
9/8/2011	8.5	3,000	Major	F5					
12/8/2011	6.23	2,010	Minor	F5					
3/30/2014	6.21	2,000	Minor	F5					
5/1/2014	7.02	2,370	Moderate	F5					
4/16/2018	7.69	2,670	Moderate	none					
12/21/2018	6.2	-9,999	Minor	none					

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County of Gage: Bergen
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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								