

Historical Floods: Rockaway River at Boonton below Reservoir, NJ

Latitude: 40.897

Period of Record: 1903-Present

Longitude: -74.395

Flood Stage: 5

Last Flood: 2/25/2016

Number of Floods: 84

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/10/1903	7.8	7,560	Moderate	C1 C5 F1 F2 G1	2/3/1973	7.22	3,150	Moderate	F2
11/20/1932	5.46	2,150	Minor	C1 F2	12/22/1973	7.26	3,190	Moderate	F2
3/12/1936	8.03	3,750	Major	C1 F2	9/25/1975	5.63	1,620	Minor	F2
9/22/1938	6.06	1,860	Minor	F2	7/1/1976	6.2	1,990	Minor	F2
12/31/1942	5.11	1,270	Minor	F2	3/23/1977	7.13	3,050	Moderate	F2
7/23/1945	5.06	1,270	Minor	F2	3/27/1978	6.25	2,020	Minor	F2
12/31/1948	6.76	2,680	Minor	F2	1/25/1979	8.3	4,380	Major	F2
3/31/1951	6.07	1,910	Minor	F2	3/22/1980	6.4	2,350	Minor	F2
6/2/1952	7.18	3,100	Moderate	F2	5/12/1981	5.79	2,090	Minor	F2
1/25/1953	5.56	1,590	Minor	F2	4/17/1983	6.77	2,940	Minor	F2
8/21/1955	6.03	1,870	Minor	F2	4/6/1984	8.17	4,260	Major	F2
10/16/1955	5.94	1,810	Minor	F2	4/17/1986	5.66	1,980	Minor	F2
9/13/1960	5.82	1,730	Minor	F2	4/5/1987	6.76	2,930	Minor	F2
2/26/1961	5.44	1,500	Minor	F2	10/15/1987	5.49	1,840	Minor	F2
3/13/1962	5.49	1,530	Minor	F2	5/17/1989	6.61	2,790	Minor	F2
5/29/1968	8.2	4,260	Major	F2	5/17/1990	7.4	3,520	Moderate	F2
3/25/1969	5.37	1,450	Minor	F2	12/5/1990	5.62	1,950	Minor	F2
4/3/1970	7.16	3,080	Moderate	F2	6/6/1992	6.2	2,440	Minor	F2
8/29/1971	6.78	2,700	Minor	F2	4/2/1993	6.17	2,410	Minor	F2
6/1/1972	7.36	3,290	Moderate	F2	3/30/1994	5.51	1,860	Minor	F2

Drainage Area: 119 square miles

Data represent all historical events.
Passaic Basin

County of Gage: Morris
County of Forecast Point: Morris

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
1/28/1996	7.27	3,400	Moderate	F2	2/14/2008	6.31	2,370	Minor	F2
10/20/1996	7.96	4,070	Moderate	F2	2/19/2008	5.37	1,610	Minor	F2
6/15/1998	6.37	2,420	Minor	F2	3/6/2008	5.23	1,510	Minor	F2
3/22/1999	6.24	2,310	Minor	F2	3/9/2008	6.33	2,390	Minor	F2
8/14/2000	6.58	2,610	Minor	F2	12/12/2008	6.11	2,200	Minor	F2
3/22/2003	5.24	1,482	Minor	F2	12/27/2009	6.12	2,210	Minor	F2
6/2/2003	5.29	1,522	Minor	F2	1/26/2010	6	2,100	Minor	F2
6/13/2003	5.03	1,321	Minor	F2	3/14/2010	8.12	4,230	Major	F2
6/22/2003	5.97	2,080	Minor	F2	3/23/2010	5.99	2,100	Minor	F2
10/30/2003	5.3	1,530	Minor	F2	3/31/2010	6.35	2,410	Minor	F2
11/20/2003	5.11	1,381	Minor	F2	3/7/2011	6.92	2,940	Minor	F2
12/12/2003	6.26	2,330	Minor	F2	3/11/2011	7.95	4,030	Moderate	F2
12/25/2003	5.67	1,838	Minor	F2	4/17/2011	6.75	2,770	Minor	F2
9/29/2004	5.87	2,000	Minor	F2	5/19/2011	6.2	2,270	Minor	F2
3/29/2005	6.29	2,350	Minor	F2	8/28/2011	9.73	7,390	Major	F2
4/3/2005	7.19	3,210	Moderate	F2	9/9/2011	7.23	3,250	Moderate	F2
12/17/2005	5.18	1,480	Minor	F2	12/8/2011	5.28	1,550	Minor	F2
1/19/2006	5.16	1,420	Minor	F2	12/22/2012	5.56	1,750	Minor	F2
10/29/2006	5.2	1,490	Minor	F2	6/8/2013	5.44	1,660	Minor	F2
11/9/2006	5.17	1,470	Minor	F2	5/1/2014	6.62	2,710	Minor	F2
3/3/2007	5.24	1,520	Minor	F2	2/25/2016	5.34	1,510	Minor	F2
4/16/2007	8.09	4,200	Major	F2					
12/24/2007	5.23	1,510	Minor	F2					

Drainage Area: 119 square miles
Gage Datum: 195.68 ft MSL

Data represent all historical events.
Passaic Basin

County of Gage: Morris
County of Forecast Point: Morris

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								