

Historical Floods: Millstone River at Blackwells Mills, NJ

Latitude: 40.551

Period of Record: 1924-Present

Longitude: -74.548

Flood Stage: 9

Last Flood: 11/27/2018

Number of Floods: 155

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
4/7/1924	11	7,900	Moderate	C1	9/15/1944	9.92	6,160	Minor	none
2/12/1925	10.05	6,340	Moderate	C1	6/3/1946	12.37	10,500	Moderate	none
9/7/1926	11.5	7,900	Moderate	C1	12/31/1948	13.84	14,000	Moderate	none
7/23/1927	10.8	7,540	Moderate	C1	11/26/1950	9.21	5,180	Minor	none
10/18/1927	10.4	7,000	Moderate	C1	12/21/1951	11.53	8,870	Moderate	none
3/28/1932	10.25	6,650	Moderate	none	3/12/1952	9.57	5,670	Minor	none
11/10/1932	9.22	5,200	Minor	none	4/28/1952	10.21	6,580	Moderate	none
11/19/1932	10.21	6,650	Moderate	none	1/25/1953	9.38	5,400	Minor	none
8/24/1933	9.77	5,980	Minor	none	3/13/1953	9.56	5,650	Minor	none
3/5/1934	9.32	5,300	Minor	none	8/14/1955	12.42	8,000	Moderate	C5 F1
1/3/1936	10.05	6,330	Moderate	none	8/19/1955	12.12	6,500	Moderate	none
3/12/1936	9.27	5,260	Minor	none	10/15/1955	11.57	7,500	Moderate	C5 F1
7/23/1938	13.22	12,400	Moderate	none	2/28/1958	11.05	7,990	Moderate	none
9/21/1938	15.29	18,300	Major	none	9/13/1960	11.07	8,030	Moderate	none
2/4/1939	10.04	6,270	Moderate	none	3/24/1961	9.07	4,670	Minor	none
3/15/1940	9.41	5,440	Minor	none	4/14/1961	9.03	4,630	Minor	none
4/9/1940	9.15	5,100	Minor	none	1/7/1962	9.36	5,030	Minor	none
8/9/1942	11.57	8,940	Moderate	none	3/13/1962	10.34	6,770	Moderate	none
1/6/1944	10.05	6,340	Moderate	none	2/14/1966	11.21	8,330	Moderate	none
3/13/1944	9.07	5,000	Minor	none	10/20/1966	9	4,470	Minor	none

Drainage Area: 258 square miles

Gage Datum: 26.97 ft MSL

Data represent all historical events.
Raritan Basin

County of Gage: Somerset
County of Forecast Point: Somerset

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/7/1967	12.24	9,820	Moderate	none	12/22/1977	9.87	4,410	Minor	none
12/12/1967	9.67	5,430	Minor	none	1/27/1978	14.02	10,700	Moderate	none
5/30/1968	10.26	6,290	Moderate	none	3/15/1978	10.21	4,690	Moderate	none
3/25/1969	10.35	6,420	Moderate	none	3/27/1978	9.85	4,390	Minor	none
7/29/1969	10.43	6,540	Moderate	none	1/8/1979	10.02	4,510	Moderate	none
4/3/1970	11.23	7,860	Moderate	none	1/22/1979	13.84	10,300	Moderate	none
8/28/1971	18.68	22,200	Major	none	1/25/1979	13.37	9,350	Moderate	none
9/13/1971	10.62	4,860	Moderate	none	2/26/1979	12.87	9,000	Moderate	none
6/23/1972	10.4	4,790	Moderate	none	3/7/1979	9.93	4,440	Minor	none
11/9/1972	12.3	7,440	Moderate	none	5/25/1979	11.61	6,300	Moderate	none
1/29/1973	9.92	4,410	Minor	none	3/22/1980	11.15	5,600	Moderate	none
2/3/1973	13.09	8,860	Moderate	none	1/5/1982	11.87	6,740	Moderate	none
8/3/1973	9.39	4,020	Minor	none	2/4/1982	9.69	4,130	Minor	none
12/21/1973	13.21	9,080	Moderate	none	3/22/1983	9.31	3,790	Minor	none
12/17/1974	9.18	3,890	Minor	none	4/11/1983	9.76	4,190	Minor	none
3/20/1975	9.04	3,810	Minor	none	4/17/1983	12.46	7,730	Moderate	none
7/15/1975	16.84	17,100	Major	none	12/14/1983	12.3	7,460	Moderate	none
7/21/1975	14.63	12,000	Moderate	none	3/30/1984	9.01	3,580	Minor	none
9/25/1975	13.54	10,000	Moderate	none	4/5/1984	11.45	6,090	Moderate	none
1/28/1976	10.35	4,810	Moderate	none	5/30/1984	12.87	8,460	Moderate	none
3/23/1977	11.62	6,350	Moderate	none	7/8/1984	11.68	6,440	Moderate	none
4/5/1977	9.12	3,850	Minor	none	1/26/1986	9.91	4,330	Minor	none
11/8/1977	10.6	5,020	Moderate	none	4/17/1986	12.41	7,650	Moderate	none

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County of Forecast Point: Somerset

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12/3/1986	9.34	3,820	Minor	none	4/2/1998	9.34	4,680	Minor	none
12/25/1986	9.26	3,750	Minor	none	4/10/1998	9.53	4,870	Minor	none
4/5/1987	11.02	5,460	Moderate	none	5/11/1998	9.69	5,030	Minor	none
7/3/1987	9.01	3,580	Minor	none	3/22/1999	10.46	5,850	Moderate	none
7/15/1987	9.4	3,870	Minor	none	9/17/1999	21.01	20,300	Major	none
6/10/1989	10.76	6,190	Moderate	none	3/31/2001	9.71	5,050	Minor	none
7/6/1989	9.13	4,480	Minor	none	2/24/2003	9.75	5,094	Minor	none
9/21/1989	14.42	11,400	Moderate	none	6/5/2003	10.98	5,980	Moderate	none
10/21/1989	9.61	4,950	Minor	none	11/20/2003	9.92	5,270	Minor	none
6/6/1992	9.19	4,530	Minor	none	12/12/2003	11.88	7,160	Moderate	none
12/12/1992	12.97	9,160	Moderate	none	12/25/2003	9.07	4,420	Minor	none
3/25/1993	10.19	5,560	Moderate	none	2/7/2004	9.52	4,860	Minor	none
12/6/1993	9.61	4,950	Minor	none	9/29/2004	10.26	5,210	Moderate	none
1/29/1994	13.88	10,500	Moderate	none	4/3/2005	11.41	6,530	Moderate	none
3/11/1994	12.58	8,590	Moderate	none	10/9/2005	11.05	6,060	Moderate	none
1/20/1996	15.09	12,600	Major	none	10/12/2005	12.9	8,650	Moderate	none
1/28/1996	9.89	5,240	Minor	none	11/9/2006	10.76	5,740	Moderate	none
10/20/1996	15.53	13,400	Major	none	3/3/2007	9.36	4,330	Minor	none
12/2/1996	10.41	5,790	Moderate	none	4/16/2007	19.24	17,100	Major	none
12/8/1996	9.38	4,720	Minor	none	2/14/2008	10.26	4,980	Moderate	none
12/14/1996	10.7	6,120	Moderate	none	3/9/2008	10.08	5,030	Moderate	none
7/25/1997	11.03	6,530	Moderate	none	12/12/2008	11.88	7,160	Moderate	none
1/24/1998	9.83	5,180	Minor	none	8/23/2009	10.43	5,160	Moderate	none

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12/10/2009	10.3	5,020	Moderate	none					
12/27/2009	11.4	6,180	Moderate	none					
3/14/2010	16.15	12,200	Major	none					
3/31/2010	11.89	7,050	Moderate	none					
3/7/2011	9.88	4,970	Minor	none					
3/11/2011	9.19	4,340	Minor	none					
4/17/2011	12.59	8,100	Moderate	none					
8/15/2011	10.56	4,760	Moderate	none					
8/28/2011	21.24	20,700	Major	none					
9/8/2011	13.77	10,100	Moderate	none					
11/23/2011	9.36	3,770	Minor	none					
12/8/2011	10.79	5,490	Moderate	none					
6/8/2013	12.62	7,510	Moderate	none					
3/31/2014	9.94	4,650	Minor	none					
5/1/2014	15.87	11,800	Major	none					
2/25/2016	10.81	5,510	Moderate	none					
8/1/2016	9.31	4,070	Minor	none					
2/12/2018	9.56	4,300	Minor	none					
3/3/2018	9.14	3,920	Minor	none					
4/17/2018	10.63	5,330	Moderate	none					
5/28/2018	12.5	7,370	Moderate	none					
11/25/2018	11.98	6,780	Moderate	none					
11/27/2018	10.04	4,750	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								