

Historical Floods: Beaver Kill at Cooks Falls, NY

Latitude: 41.946
Flood Stage: 10

Period of Record: 1914-Present
Last Flood: 11/1/2019

Longitude: -74.98
Number of Floods: 133

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/28/1914	10.9	7,770	Minor	C1 G1	12/6/1938	10.42	9,040	Minor	none
3/27/1917	11	7,870	Minor	C1 G1	3/31/1940	11.55	11,500	Minor	none
10/30/1917	12.4	9,700	Minor	C1 G1	4/9/1940	11.26	10,800	Minor	none
11/28/1921	11	7,740	Minor	C1 G1	12/24/1941	11.18	10,700	Minor	none
4/6/1923	10.8	7,480	Minor	C1 G1	9/27/1942	14.71	20,300	Minor	none
9/30/1924	15	13,400	Minor	C1 C3 F1 G1	12/30/1942	10.95	10,200	Minor	none
10/1/1924	13	10,400	Minor	C1 G1	3/17/1943	11.66	-9,999	Minor	none
11/16/1926	-9999	14,600	Missing	C1 G1	11/9/1943	11.31	10,900	Minor	none
12/8/1927	11.2	7,560	Minor	C1 G1	3/9/1946	10.14	9,650	Minor	none
3/15/1929	10.2	6,340	Minor	C1 G1	3/22/1948	11.73	15,100	Minor	none
8/24/1933	17.8	19,000	Moderate	C1 C3 F1 G1	12/30/1948	12.14	16,300	Minor	none
12/1/1934	11.99	11,000	Minor	none	1/6/1949	10.32	10,900	Minor	none
10/31/1935	10.1	8,410	Minor	none	11/26/1950	15.52	29,400	Minor	none
3/11/1936	12.72	14,500	Minor	none	12/4/1950	10.45	11,200	Minor	none
3/18/1936	15.02	21,300	Minor	none	3/31/1951	16.02	31,600	Moderate	none
2/22/1937	13.02	15,300	Minor	none	11/7/1951	10.5	11,400	Minor	none
10/23/1937	13.32	16,100	Minor	none	4/5/1952	10.56	11,600	Minor	none
7/22/1938	13.46	16,500	Minor	none	7/10/1952	10.38	11,000	Minor	none
8/11/1938	14.51	19,600	Minor	none	12/11/1952	12.54	17,700	Minor	none
9/21/1938	13.67	17,100	Minor	none	8/19/1955	11.44	14,300	Minor	none

Drainage Area: 241 square miles
Gage Datum: 1151.7 ft MSL

Data represent all historical events.
Delaware Basin

County of Gage: Delaware
County of Forecast Point: Delaware

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/16/1955	10.73	12,300	Minor	none	3/21/1980	14.3	23,800	Minor	none
12/21/1957	15.42	28,900	Minor	none	2/11/1981	10.75	11,400	Minor	none
4/2/1959	10.21	10,900	Minor	none	2/20/1981	12.44	16,400	Minor	none
11/28/1959	11.39	14,200	Minor	none	5/12/1981	11.72	14,200	Minor	none
4/4/1960	10.66	12,100	Minor	none	4/3/1982	10.71	11,300	Minor	none
4/25/1961	10.24	11,000	Minor	none	4/18/1982	10.99	12,100	Minor	none
4/1/1962	10.52	11,700	Minor	none	4/16/1983	11.67	14,400	Minor	none
3/17/1968	13.65	-9,999	Minor	none	2/15/1984	10.25	10,400	Minor	none
7/28/1969	15.11	27,500	Minor	none	4/5/1984	11.95	15,300	Minor	none
10/23/1970	11.82	15,500	Minor	none	5/29/1984	11.81	14,900	Minor	none
11/9/1972	10.09	9,680	Minor	none	9/27/1985	10.16	10,100	Minor	none
6/29/1973	11.67	14,100	Minor	none	3/15/1986	13.19	19,800	Minor	none
12/21/1973	13.06	18,700	Minor	none	4/4/1987	14.2	23,900	Minor	none
12/8/1974	12.68	17,200	Minor	none	3/26/1988	10.6	11,300	Minor	none
1/27/1976	11.93	14,900	Minor	none	5/6/1989	10.74	11,700	Minor	none
10/9/1976	10.86	11,700	Minor	none	10/20/1989	11.29	13,300	Minor	none
3/14/1977	15.2	28,400	Minor	none	11/10/1990	13.15	19,600	Minor	none
10/2/1977	10.09	9,760	Minor	none	11/23/1991	10.3	10,500	Minor	none
1/9/1978	13.52	20,300	Minor	none	4/11/1993	10.81	11,900	Minor	none
1/2/1979	10.5	10,800	Minor	none	11/28/1993	11.22	13,100	Minor	none
3/6/1979	10.32	10,300	Minor	none	4/7/1994	10.07	9,910	Minor	none
9/6/1979	10.04	9,640	Minor	none	4/13/1994	11.5	13,900	Minor	none
11/26/1979	12.27	15,900	Minor	none	10/21/1995	11.75	14,700	Minor	none

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1/19/1996	17.79	42,900	Moderate	C3	6/26/2006	12.05	15,600	Minor	none
1/27/1996	11.33	13,200	Minor	none	6/28/2006	20.55	62,400	Major	none
11/9/1996	14.79	26,600	Minor	none	4/16/2007	11.46	13,900	Minor	none
12/2/1996	14.67	26,000	Minor	none	3/5/2008	10.55	10,000	Minor	none
1/8/1998	10.88	11,900	Minor	none	3/8/2008	10.82	10,600	Minor	none
3/10/1998	10.64	11,200	Minor	none	7/23/2008	12.43	17,000	Minor	none
1/24/1999	12.33	16,600	Minor	none	12/12/2008	12.07	15,800	Minor	none
9/17/1999	11.5	13,900	Minor	none	7/30/2009	10.61	11,500	Minor	none
12/17/2000	16.34	34,400	Moderate	none	1/25/2010	10.78	11,900	Minor	none
9/4/2003	11.33	13,200	Minor	none	3/23/2010	11.64	14,400	Minor	none
10/27/2003	11.87	14,970	Minor	none	10/1/2010	15.69	30,700	Minor	none
10/29/2003	11.59	14,050	Minor	none	12/1/2010	12.29	16,500	Minor	none
11/20/2003	10.01	9,550	Minor	none	3/7/2011	11.37	13,600	Minor	none
12/11/2003	10.01	9,950	Minor	none	3/11/2011	13.07	19,300	Minor	none
12/24/2003	10.93	12,035	Minor	none	8/28/2011	15.6	30,300	Minor	none
8/13/2004	10.01	9,550	Minor	none	9/7/2011	13.64	21,500	Minor	none
9/18/2004	17.67	42,100	Moderate	none	9/8/2011	11.39	13,700	Minor	none
1/14/2005	11.72	14,500	Minor	none	5/15/2012	12.26	16,400	Minor	none
3/29/2005	10.42	10,600	Minor	none	9/18/2012	14.58	25,400	Minor	none
4/3/2005	18.98	50,800	Major	none	3/12/2013	10.18	10,400	Minor	none
10/8/2005	10.03	9,600	Minor	none	10/30/2017	13.8	22,100	Minor	none
11/30/2005	10.34	10,400	Minor	none	7/26/2018	11.36	13,600	Minor	none
1/18/2006	12.41	16,800	Minor	none	4/15/2019	12.41	16,900	Minor	none

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11/1/2019	11.02	12,600	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