

Historical Floods: Towanda Creek near Monroeton, PA

Latitude: 41.707
Flood Stage: 15.5

Period of Record: 1915-Present
Last Flood: 10/31/2019

Longitude: -76.485
Number of Floods: 40

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/9/1917	17.3	15,700	Moderate	C1 C7 G1	3/15/1986	14.79	19,800	Minor	none
3/14/1918	15	10,000	Minor	C1 C7 G1	10/23/1990	15.53	23,900	Minor	none
7/22/1919	16.3	12,900	Moderate	C1 C7 G1	8/18/1994	15.71	25,000	Minor	none
3/12/1920	14.6	9,400	Minor	C1 C7 G1	1/19/1996	20.86	67,900	Major	none
4/6/1924	16	12,200	Moderate	C1 C7 G1	3/26/2002	14.06	16,100	Minor	none
2/11/1925	15.6	7,650	Minor	C1 C7 G1	6/1/2003	14.48	18,200	Minor	none
11/16/1926	18.7	22,000	Major	C1 C7 G1	9/18/2004	18.99	23,900	Major	none
5/2/1929	14.3	8,800	Minor	C1 C7 G1	4/2/2005	15.81	11,800	Minor	none
8/24/1933	18	18,500	Major	C1 C3 C7 G1	11/30/2005	15.74	11,600	Minor	none
12/1/1934	14.1	8,500	Minor	C1 C7 G1	11/16/2006	14.43	9,080	Minor	none
3/18/1936	18.6	21,200	Major	C1 C7 G1	3/5/2008	14.16	8,610	Minor	none
3/30/1940	17.8	17,700	Moderate	C1 C7 G1	1/25/2010	17.13	15,000	Moderate	none
4/5/1941	14.2	8,640	Minor	C1 C7 G1	12/1/2010	15.92	12,000	Minor	none
5/23/1942	14.1	8,860	Minor	C1 C7 G1	3/11/2011	15.9	12,000	Minor	none
6/22/1972	16.9	74,000	Moderate	C1 G1	4/28/2011	16.25	12,800	Minor	none
9/26/1975	15.7	50,000	Minor	C1 G1	9/8/2011	20.97	64,200	Major	none
1/9/1978	14.56	18,600	Minor	none	10/21/2016	17.74	17,000	Moderate	none
3/6/1979	14.54	18,500	Minor	none	8/13/2018	16.87	14,300	Minor	none
12/13/1983	15.72	24,900	Minor	none	8/14/2018	17.31	15,500	Moderate	none
2/14/1984	15.22	22,100	Minor	none	10/31/2019	16.73	14,000	Minor	none

Drainage Area: 215 square miles
Gage Datum: 765.53 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Bradford
County of Forecast Point: Bradford

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								