

Historical Floods: Susquehanna River at Meshoppen, PA

Latitude: 41.607
Flood Stage: 27

Period of Record: 1972-Present
Last Flood: 8/15/2018

Longitude: -76.051
Number of Floods: 29

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/23/1972	43.51	331,500	Major	C1	6/28/2006	32.78	163,000	Moderate	F2
3/6/1979	35.06	207,000	Moderate	C2	3/16/2007	27.84	125,000	Minor	F2
12/16/1983	33.39	185,000	Moderate	F2	2/7/2008	27.02	117,000	Minor	F2
2/16/1984	32.91	179,000	Moderate	F2	1/26/2010	27.95	119,000	Minor	F2
4/6/1984	33.03	181,000	Moderate	F2	3/11/2011	30.23	145,000	Minor	F2
3/16/1986	30.35	151,000	Minor	F2	4/27/2011	27.52	114,000	Minor	F2
10/25/1990	28.06	126,000	Minor	F2	4/29/2011	30.86	152,000	Minor	F2
3/31/1993	29.88	145,000	Minor	F2	9/8/2011	44.48	293,000	Major	F2
4/2/1993	32.2	172,000	Moderate	F2	8/15/2018	31.03	144,000	Moderate	none
4/12/1993	31.09	159,000	Moderate	F2					
3/25/1994	28.16	127,000	Minor	F2					
1/20/1996	36.34	226,000	Moderate	F2					
11/10/1996	28.29	128,000	Minor	F2					
12/3/1996	28.06	126,000	Minor	F2					
1/9/1998	28.94	135,000	Minor	F2					
2/29/2000	27.89	124,000	Minor	F2					
9/18/2004	35.27	188,000	Moderate	F2					
1/15/2005	28.18	110,000	Minor	F2					
3/29/2005	28.49	113,000	Minor	F2					
4/4/2005	34.06	175,000	Moderate	F2					

Drainage Area: 8720 square miles
Gage Datum: 559.76 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Wyoming
County of Forecast Point: Wyoming

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								