

Historical Floods: Penns Creek at Penns Creek, PA

Latitude: 40.867

Period of Record: 1930-Present

Longitude: -77.049

Flood Stage: 8

Last Flood: 12/22/2018

Number of Floods: 78

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/24/1933	11	11,800	Moderate	none	10/15/1955	9.3	7,540	Minor	none
3/5/1934	8.32	5,750	Minor	none	11/2/1956	9.88	8,510	Minor	none
9/16/1934	13	19,800	Major	none	1/22/1959	8.56	6,480	Minor	none
12/1/1934	8.52	6,010	Minor	none	2/26/1961	8.12	5,780	Minor	none
3/11/1936	10.9	11,500	Moderate	none	2/28/1962	8.4	3,620	Minor	C7
3/18/1936	12.12	15,700	Major	none	3/11/1964	9.07	7,180	Minor	none
11/13/1937	9.16	7,140	Minor	none	2/14/1966	8.56	4,100	Minor	C5
3/31/1940	11.61	13,600	Moderate	none	4/3/1970	8.3	6,060	Minor	none
5/23/1942	10.14	8,710	Moderate	none	3/3/1972	10.15	9,480	Moderate	none
12/30/1942	9.26	7,310	Minor	none	6/23/1972	14.85	34,600	Major	none
11/29/1945	8.68	6,340	Minor	none	2/2/1973	8.02	6,260	Minor	none
5/27/1946	9.79	8,170	Minor	none	2/25/1975	8.6	7,190	Minor	none
3/29/1950	8.53	6,340	Minor	none	9/26/1975	9.11	8,060	Minor	none
11/25/1950	11.62	13,700	Moderate	none	10/9/1976	9.1	8,040	Minor	none
12/4/1950	8	5,640	Minor	none	11/8/1977	8.81	7,550	Minor	none
12/8/1950	8.17	5,920	Minor	none	1/9/1978	8.22	6,520	Minor	none
3/31/1951	8.92	6,930	Minor	none	1/25/1979	9.76	8,610	Minor	none
3/11/1952	9.29	7,540	Minor	none	2/26/1979	13	-9,999	Major	none
5/26/1953	8.36	6,200	Minor	none	3/6/1979	8.95	7,210	Minor	none
3/2/1954	9.02	7,080	Minor	none	9/3/1979	9.25	7,710	Minor	none

Drainage Area: 301 square miles

Gage Datum: 506.72 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Snyder
County of Forecast Point: Snyder

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/6/1979	9.04	7,360	Minor	none	11/30/2005	8.24	5,970	Minor	none
2/11/1981	9.61	-9,999	Minor	none	9/2/2006	8.31	6,070	Minor	none
2/24/1981	9.18	7,590	Minor	none	3/3/2007	8.99	7,170	Minor	none
12/13/1983	8.08	5,830	Minor	none	3/5/2008	10.32	9,590	Moderate	none
2/15/1984	11.73	13,300	Moderate	none	1/25/2010	8.43	6,250	Minor	none
6/18/1984	8.83	7,010	Minor	none	3/14/2010	8.92	7,050	Minor	none
3/15/1986	8.89	7,110	Minor	none	12/1/2010	9.73	8,470	Minor	none
5/19/1988	8.61	6,540	Minor	none	3/11/2011	10.06	9,320	Moderate	none
7/20/1989	8.47	6,320	Minor	none	4/16/2011	8.06	5,720	Minor	none
3/31/1993	9.01	7,200	Minor	none	9/8/2011	8.88	7,000	Minor	none
4/1/1993	9.37	7,820	Minor	none	5/16/2014	9.87	8,730	Minor	none
4/17/1993	8.06	5,680	Minor	none	7/24/2018	8.12	5,860	Minor	none
11/28/1993	9.47	7,980	Minor	none	7/26/2018	9.35	7,720	Minor	none
1/20/1995	8.26	5,990	Minor	none	9/11/2018	8.48	6,370	Minor	none
1/19/1996	13.74	25,300	Major	none	12/22/2018	8.29	6,100	Minor	none
1/27/1996	8.24	5,960	Minor	none					
10/20/1996	8.05	5,720	Minor	none					
12/2/1996	8.41	6,220	Minor	none					
1/8/1998	8.75	6,770	Minor	none					
1/24/1999	9.18	7,490	Minor	none					
9/23/2003	8.44	6,270	Minor	none					
12/11/2003	8.23	6,000	Minor	none					
9/18/2004	12.27	16,000	Major	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								