

Historical Floods: Schuylkill River at Berne, PA

Latitude: 40.523
Flood Stage: 12

Period of Record: 1942-Present
Last Flood: 8/13/2018

Longitude: -75.999
Number of Floods: 30

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/23/1942	15	26,900	Moderate	C1 C8	9/16/1999	13.34	18,700	Minor	F2
11/26/1950	14.52	-9,999	Moderate	none	12/17/2000	12.05	14,500	Minor	F2
12/4/1950	14.46	24,200	Moderate	none	8/13/2004	12.89	17,200	Minor	F2
3/11/1952	12.02	17,000	Minor	none	9/18/2004	15.05	24,900	Moderate	F2
11/22/1952	12.86	19,900	Minor	none	6/28/2006	18.57	39,900	Major	F2
8/19/1955	15.73	29,400	Moderate	none	11/17/2006	14.12	19,900	Moderate	F2
4/2/1970	12.12	17,300	Minor	none	3/5/2008	12.95	15,900	Minor	F2
6/22/1972	19	42,800	Major	F2	3/11/2011	14.2	20,100	Moderate	F2
1/26/1976	12.79	18,300	Minor	F2	9/8/2011	15.45	23,900	Moderate	F2
2/25/1976	13.5	-9,999	Minor	F2	8/13/2018	12.91	14,800	Minor	none
1/25/1979	13.77	21,700	Minor	F2					
2/2/1981	13.79	-9,999	Minor	F2					
4/16/1983	14.71	25,300	Moderate	F2					
12/14/1983	13.31	20,100	Minor	F2					
5/29/1984	12.52	17,300	Minor	F2					
5/19/1988	12.18	15,500	Minor	F2					
5/6/1989	12.6	17,600	Minor	F2					
1/19/1996	14.31	22,000	Moderate	F2					
1/27/1996	13.9	20,600	Minor	F2					
10/19/1996	14.02	21,000	Moderate	F2					

Drainage Area: 335 square miles
Gage Datum: 310.65 ft MSL

Data represent all historical events.
Schuylkill Basin

County of Gage: Berks
County of Forecast Point: Berks

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								