

Historical Floods: Lehigh River at Bethlehem, PA

Latitude: 40.615

Period of Record: 1902-Present

Longitude: -75.379

Flood Stage: 16

Last Flood: 3/11/2011

Number of Floods: 15

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
2/28/1902	24.9	88,000	Major	C1					
10/1/1924	16.2	43,500	Minor	C1					
11/17/1926	16.7	44,000	Minor	C1					
8/24/1933	18.7	64,800	Minor	C1					
7/10/1935	18.53	63,700	Minor	C1					
3/12/1936	17.04	55,700	Minor	C1					
5/23/1942	25.9	92,000	Major	C1					
8/19/1955	23.38	91,300	Major	C1					
6/23/1972	20.02	57,900	Moderate	F2					
1/25/1979	17.12	51,700	Minor	F2					
1/20/1996	16.68	44,900	Minor	F2					
9/18/2004	19.7	56,700	Minor	F2					
4/3/2005	16.06	42,600	Minor	F2					
6/28/2006	17.74	49,000	Minor	F2					
3/11/2011	17.17	46,800	Minor	F2					

Drainage Area: 1279 square miles

Data represent all historical events.
Lehigh Basin

County of Gage: Lehigh
County of Forecast Point: Northampton

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								