

Historical Floods: Lehigh River at Walnutport, PA

Latitude: 40.757

Period of Record: 1942-Present

Longitude: -75.603

Flood Stage: 8

Last Flood: 9/7/2011

Number of Floods: 47

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/23/1942	20.6	-9,999	Major	C1	1/9/1978	8.77	23,100	Minor	F2
7/8/1947	8.35	23,000	Minor	none	1/25/1979	9.74	28,500	Minor	F2
12/30/1948	8.19	21,900	Minor	none	2/24/1979	10.88	34,700	Minor	F2
11/25/1950	11.26	38,200	Minor	none	2/11/1981	8.23	20,200	Minor	F2
12/4/1950	12.66	46,000	Moderate	none	4/16/1983	11.28	37,400	Minor	F2
3/11/1952	9.42	27,300	Minor	none	12/14/1983	9.16	25,400	Minor	F2
7/10/1952	9.15	26,200	Minor	none	9/27/1985	9.59	26,100	Minor	F2
11/22/1952	10.97	36,100	Minor	none	3/15/1986	8.69	21,800	Minor	F2
12/11/1952	10.2	31,700	Minor	none	9/13/1987	10.56	31,200	Minor	F2
8/19/1955	17.68	77,800	Major	none	5/6/1989	9.84	29,000	Minor	F2
10/16/1955	9.21	25,600	Minor	none	5/17/1990	8.39	21,500	Minor	F2
12/21/1957	11.35	37,600	Minor	none	4/2/1993	8.03	18,100	Minor	F2
2/8/1965	8.08	11,800	Minor	F2	4/11/1993	9.49	25,000	Minor	F2
8/2/1969	9.53	-9,999	Minor	F2	11/28/1993	9.39	24,500	Minor	F2
2/3/1970	9.36	-9,999	Minor	F2	1/19/1996	12.32	40,100	Moderate	F2
4/2/1970	8.89	23,800	Minor	F2	12/2/1996	9.47	24,200	Minor	F2
6/23/1972	11.65	39,000	Minor	F2	6/21/2003	8.02	16,840	Minor	F2
6/29/1973	9.24	25,700	Minor	F2	9/23/2003	8.4	19,800	Minor	F2
12/21/1973	8.4	21,100	Minor	F2	9/18/2004	12.3	40,000	Moderate	F2
1/27/1976	8.7	22,800	Minor	F2	4/3/2005	10.49	30,000	Minor	F2

Drainage Area: 889 square miles

Gage Datum: 350.27 ft MSL

Data represent all historical events.
Lehigh Basin

County of Gage: Northampton
County of Forecast Point: Northampton

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/26/2006	8.32	19,400	Minor	F2					
6/28/2006	12.49	41,100	Moderate	F2					
3/5/2008	8.99	22,500	Minor	F2					
10/1/2010	9.11	2,300	Minor	F2					
12/1/2010	8.26	19,100	Minor	F2					
3/11/2011	12.72	42,500	Moderate	F2					
9/7/2011	8.01	18,000	Minor	F2					

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

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