

Historical Floods: Conestoga River at Lancaster, PA

Latitude: 40.05
Flood Stage: 11

Period of Record: 1933-Present
Last Flood: 8/22/2018

Longitude: -76.278
Number of Floods: 53

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/24/1933	17.52	22,800	Major	none	7/7/1984	12.85	10,800	Minor	none
7/8/1934	12.8	12,600	Minor	none	2/12/1985	12.71	10,600	Minor	C3 F1
9/30/1934	14.04	15,000	Moderate	none	7/27/1986	13	11,000	Moderate	C3 F1
5/23/1942	15.12	17,300	Major	none	9/9/1987	16.7	20,500	Major	none
8/18/1942	11.6	10,300	Minor	none	5/19/1988	12.11	9,600	Minor	C3 F1
6/2/1946	12.69	12,400	Minor	none	7/22/1988	12	9,500	Minor	none
8/19/1955	12.11	11,200	Minor	none	7/24/1988	11.8	9,200	Minor	none
9/13/1960	11.77	10,600	Minor	none	5/6/1989	15.3	16,300	Major	none
2/14/1971	12.08	11,200	Minor	none	11/28/1993	11.95	9,060	Minor	none
6/23/1972	27.9	50,300	Major	none	12/5/1993	13.95	12,600	Moderate	none
6/29/1973	11.38	8,830	Minor	none	1/20/1996	12.26	9,560	Minor	none
1/27/1976	12.84	12,600	Minor	none	10/20/1996	13.22	11,200	Moderate	none
1/25/1978	18.14	25,300	Major	none	11/9/1996	11.7	8,700	Minor	none
3/27/1978	11.74	9,060	Minor	none	12/14/1996	11.9	9,000	Minor	none
1/21/1979	12.25	9,830	Minor	none	9/17/1999	16.39	17,600	Major	none
1/25/1979	13.91	13,000	Moderate	none	3/22/2000	14.14	12,900	Moderate	none
2/26/1979	13.87	12,900	Moderate	none	6/21/2003	11.66	8,600	Minor	none
6/17/1982	14.2	13,600	Moderate	none	9/23/2003	12.74	10,400	Minor	none
4/16/1983	12.48	10,200	Minor	none	2/7/2004	11.09	7,815	Minor	none
12/13/1983	11.92	9,330	Minor	none	7/28/2004	14.43	13,500	Moderate	none

Drainage Area: 324 square miles
Gage Datum: 245.63 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Lancaster
County of Forecast Point: Lancaster

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/9/2005	17.8	20,800	Major	none					
6/28/2006	14.7	14,000	Moderate	none					
11/17/2006	11.05	7,760	Minor	none					
3/2/2007	12.95	10,700	Minor	none					
10/1/2010	11.35	8,180	Minor	C7					
8/28/2011	12.15	9,370	Minor	none					
9/8/2011	21.3	30,200	Major	none					
10/30/2012	14.24	13,700	Moderate	none					
1/31/2013	12.77	11,000	Minor	none					
10/11/2013	11.2	8,350	Minor	none					
5/1/2014	11.86	9,410	Minor	none					
8/4/2018	14.28	13,800	Moderate	none					
8/22/2018	13.86	13,000	Moderate	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								