

# Historical Floods: East Branch Delaware River at Harvard, NY

Latitude: 42.025  
Flood Stage: 10

Period of Record: 1903-Present  
Last Flood: 9/7/2011

Longitude: -75.12  
Number of Floods: 29

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/9/1903	-9999	42,000	Missing	C1 F1	9/18/2004	16.07	20,600	Major	F2
3/18/1936	15.58	26,200	Major	C1 G1	4/3/2005	16.32	21,300	Major	F2
9/22/1938	16.93	31,400	Major	C1 G1	1/19/2006	11.38	-9,999	Minor	F2
12/6/1938	11.5	11,100	Minor	C1 G1	6/28/2006	16.61	22,100	Major	F2
3/31/1940	15.01	23,100	Major	C1 G1	3/6/2008	10.87	9,000	Minor	F2
5/23/1942	14.62	21,600	Moderate	C1 G1	3/9/2008	11.69	10,500	Minor	F2
12/31/1942	-9999	17,400	Missing	C1 G1	3/24/2010	10.29	7,990	Minor	F2
2/27/1945	12.74	14,800	Moderate	C1 G1	8/29/2011	13.31	13,900	Moderate	F2
1/6/1946	10.83	9,350	Minor	C1 G1	9/7/2011	14.73	17,100	Moderate	F2
3/22/1948	15.75	27,000	Major	C1 G1					
12/31/1948	14.47	21,400	Moderate	C1 G1					
4/5/1950	11.17	10,200	Minor	C1 G1					
11/26/1950	15.69	26,800	Major	C1 G1					
4/6/1952	10.81	9,350	Minor	C1 G1					
12/12/1952	13.96	17,800	Moderate	C1 G1					
4/5/1960	10.65	11,200	Minor	C1 F2					
5/30/1984	11.78	11,100	Minor	F2					
1/19/1996	12.63	12,200	Moderate	F2					
12/2/1996	12.79	12,400	Moderate	F2					
12/25/2003	10.1	-9,999	Minor	F2					

Drainage Area: 458 square miles  
Gage Datum: 1007.41 ft MSL

Data represent all historical events.  
Delaware Basin

County of Gage: Delaware  
County of Forecast Point: Delaware

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								