

Historical Floods: Potomac River at Harpers Ferry, WV

Latitude: 39.324
Flood Stage: 18

Period of Record: 1877-Present
Last Flood: 12/17/2018

Longitude: -77.729
Number of Floods: 45

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
11/25/1877	29.2	-9,999	Major	G2	5/13/1932	20	-9,999	Minor	G2
6/1/1889	34.8	-9,999	Major	G2	3/19/1936	36.5	-9,999	Major	G2
4/1/1891	19.6	-9,999	Minor	G2	4/27/1937	29	-9,999	Major	G2
5/5/1893	21	-9,999	Moderate	G2	10/27/1937	21.5	-9,999	Moderate	G2
10/1/1896	33	-9,999	Major	G2	5/24/1942	18.6	-9,999	Minor	G2
2/24/1897	26.5	-9,999	Major	G2	10/16/1942	33.8	-9,999	Major	G2
8/11/1898	19.5	-9,999	Minor	G2	9/19/1945	18.5	-9,999	Minor	G2
3/6/1899	18.7	-9,999	Minor	G2	6/19/1949	18.5	-9,999	Minor	G2
4/22/1901	22.2	-9,999	Moderate	G2	12/5/1950	18.8	-9,999	Minor	G2
2/21/1902	24.4	-9,999	Major	G2	10/17/1954	18.5	-9,999	Minor	G2
3/2/1902	27	-9,999	Major	G2	8/20/1955	23.9	-9,999	Moderate	G2
1/13/1908	19.9	-9,999	Minor	G2	6/23/1972	27.7	-9,999	Major	G2
2/16/1908	18.5	-9,999	Minor	G2	3/23/1975	21.5	-9,999	Moderate	G2
1/17/1910	21.2	-9,999	Moderate	G2	10/10/1976	21.5	-9,999	Moderate	G2
3/28/1913	18.6	-9,999	Minor	G2	11/6/1985	30.1	-9,999	Major	G2
3/9/1924	19	-9,999	Minor	G2	3/6/1993	20.8	-9,999	Minor	G2
3/30/1924	20.7	-9,999	Minor	G2	1/21/1996	29.4	-9,999	Major	G2
5/13/1924	27.6	-9,999	Major	C8 G2	9/8/1996	29.8	-9,999	Major	G2
5/2/1928	18.9	-9,999	Minor	G2	9/20/2003	19.84	-9,999	Minor	G2
4/17/1929	21.3	-9,999	Moderate	G2	1/26/2010	18.4	-9,999	Minor	G2

Drainage Area: 6313 square miles
Gage Datum: 245.53 ft MSL

Data represent all historical events.
Potomac Basin

County of Gage: Jefferson
County of Forecast Point: Jefferson

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/15/2010	20.78	-9,999	Minor	G2					
5/19/2011	19.14	-9,999	Minor	G2					
6/4/2018	21.74	173,100	Moderate	G2					
9/29/2018	18.33	127,600	Minor	G2					
12/17/2018	18.81	-9,999	Minor	G2					

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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