

Historical Floods: Potomac River at Shepherdstown, WV

Latitude: 39.435
Flood Stage: 15

Period of Record: 1889-Present
Last Flood: 12/17/2018

Longitude: -77.801
Number of Floods: 130

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/1/1889	39.2	290,000	Major	C1	12/31/1942	21.4	93,500	Moderate	C1
5/13/1924	29.8	168,000	Major	C1	9/19/1945	19.31	79,000	Moderate	C1
3/7/1929	15.49	55,600	Minor	C1	4/15/1948	18.49	73,800	Moderate	C1
4/17/1929	25.53	126,000	Major	C1	12/17/1948	16.9	64,100	Minor	C1
10/23/1929	19.83	82,400	Moderate	C1	6/19/1949	19.84	82,300	Moderate	C1
5/14/1932	24.75	119,000	Major	C1	12/5/1950	19.5	80,400	Moderate	C1
4/21/1933	19.1	77,800	Moderate	C1	12/9/1950	18	70,600	Moderate	C1
2/28/1936	19.21	78,400	Moderate	C1	3/31/1951	15.23	54,300	Minor	C1
3/13/1936	16.52	61,700	Minor	C1	6/15/1951	19.6	81,000	Moderate	C1
3/19/1936	42.07	335,000	Major	C1	3/12/1952	17.81	69,400	Minor	C1
3/22/1936	16.9	64,100	Minor	C1	4/29/1952	19.09	77,800	Moderate	C1
1/23/1937	16.16	60,000	Minor	C1	11/23/1952	19.98	83,600	Moderate	C1
4/27/1937	33.22	207,000	Major	C1	3/3/1954	19.47	80,200	Moderate	C1
10/29/1937	26.78	138,000	Major	C1	10/17/1954	22	98,000	Major	C1
2/5/1939	20.36	86,500	Moderate	C1	3/23/1955	17.83	69,600	Minor	C1
4/18/1939	15.75	57,700	Minor	C1	8/20/1955	25.26	124,000	Major	C1
4/21/1940	17.75	69,400	Minor	C1	2/11/1957	15.28	54,700	Minor	C1
6/1/1940	16.35	61,100	Minor	C1	5/7/1958	15.88	58,100	Minor	C1
5/24/1942	18.97	77,100	Moderate	C1	4/1/1960	17.33	66,600	Minor	C1
10/16/1942	32.68	201,000	Major	C1	4/5/1960	17.32	66,600	Minor	C1

Drainage Area: 5936 square miles
Gage Datum: 281 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
5/10/1960	20.35	86,200	Moderate	C1	10/19/1975	16.37	61,000	Minor	C1
2/20/1961	18.57	74,300	Moderate	C1	1/2/1976	18.33	72,700	Moderate	C1
2/27/1961	18.17	71,700	Moderate	C1	10/10/1976	25.31	124,000	Major	C1
3/23/1962	19.9	83,000	Moderate	C1	4/6/1977	16.57	62,100	Minor	C1
3/21/1963	21.1	91,400	Moderate	C1	3/16/1978	20.81	89,400	Moderate	C1
3/6/1964	16.94	64,300	Minor	C1	3/27/1978	18.12	71,800	Moderate	C1
4/30/1964	18.3	72,600	Moderate	C1	5/17/1978	18.12	71,800	Moderate	C1
3/6/1965	18.07	71,100	Moderate	C1	1/25/1979	16.55	62,200	Minor	C1
2/14/1966	16.23	60,100	Minor	C1	2/27/1979	23.6	110,000	Major	C1
3/8/1967	22.54	102,000	Major	C1	3/7/1979	15.54	56,200	Minor	C1
3/18/1968	15.69	57,000	Minor	C1	3/18/1982	15.12	53,900	Minor	C1
5/29/1968	15.27	54,700	Minor	C1	6/14/1982	16.64	62,700	Minor	C1
4/3/1970	19.45	80,000	Moderate	C1	4/26/1983	19.17	78,600	Moderate	C1
12/24/1970	15.68	57,000	Minor	C1	2/15/1984	26.07	131,000	Major	C1
2/24/1971	17.86	69,800	Minor	C1	3/30/1984	19.25	79,100	Moderate	C1
2/27/1972	15.7	57,100	Minor	C1	4/6/1984	19.97	83,800	Moderate	C1
6/23/1972	31.58	187,000	Major	C1	2/13/1985	15.08	53,600	Minor	C1
12/10/1972	17.02	64,800	Minor	C1	11/7/1985	31.44	187,000	Major	C1
12/23/1972	15.1	53,800	Minor	C1	2/20/1986	15.3	54,900	Minor	C1
4/29/1973	17.06	65,000	Minor	C1	3/16/1986	21.43	93,700	Moderate	C1
12/28/1973	19.52	80,600	Moderate	C1	4/5/1987	16.53	62,100	Minor	C1
3/21/1975	22.19	99,400	Major	C1	4/18/1987	20.44	86,900	Moderate	C1
9/27/1975	20.49	87,100	Moderate	C1	5/7/1988	17.63	68,800	Minor	C1

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Potomac Basin

County of Gage: Jefferson
County of Forecast Point: Jefferson

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5/19/1988	18.19	72,300	Moderate	C1	1/3/2003	16.57	-9,999	Minor	C1
5/17/1989	16.2	60,100	Minor	C1	3/22/2003	16.73	-9,999	Minor	C1
1/18/1991	16.12	59,600	Minor	C1	5/12/2003	15.5	-9,999	Minor	C1
3/24/1991	16.11	59,600	Minor	C1	9/20/2003	19.83	-9,999	Moderate	C1
3/5/1993	22.15	99,100	Major	C1	12/12/2003	18.24	-9,999	Moderate	C1
3/25/1993	17.86	70,200	Minor	C1	5/12/2008	-9999	-9,999	Missing	C1 G2
3/29/1993	15.64	56,800	Minor	C1	5/5/2009	-9999	-9,999	Missing	C1 G2
4/2/1993	18.96	77,200	Moderate	C1	1/26/2010	18.2	-9,999	Moderate	C1 G2
4/18/1993	20.97	90,500	Moderate	C1	3/15/2010	22	-9,999	Major	C1 G2
11/29/1993	19.42	-9,999	Moderate	C1	3/12/2011	19.5	-9,999	Moderate	C1 G2
2/11/1994	16.3	-9,999	Minor	C1	4/17/2011	-9999	-9,999	Missing	C1 G2
2/25/1994	16.2	-9,999	Minor	C1	5/19/2011	-9999	-9,999	Missing	C1 G2
3/9/1994	16.8	-9,999	Minor	C1	10/31/2012	19	-9,999	Moderate	C1 G2
3/31/1994	18	-9,999	Moderate	C1	5/17/2014	20.5	-9,999	Moderate	C1 G2
1/21/1996	32.5	-9,999	Major	C1	4/17/2018	15.29	57,700	Minor	none
1/28/1996	15	-9,999	Minor	C1	5/20/2018	17.78	73,100	Minor	none
9/8/1996	29	-9,999	Major	C1	6/4/2018	23.15	109,000	Major	none
12/3/1996	15	-9,999	Minor	C1	9/11/2018	21.33	96,600	Moderate	none
1/9/1998	17.17	-9,999	Minor	C1	9/26/2018	15.54	59,200	Minor	none
2/6/1998	15.04	-9,999	Minor	C1	9/29/2018	21.36	96,800	Moderate	none
2/19/1998	15.3	-9,999	Minor	C1	12/17/2018	22.11	102,000	Moderate	none
3/22/1998	19.83	-9,999	Moderate	C1					
4/21/1998	15.65	-9,999	Minor	C1					

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County of Gage: Jefferson
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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								