

Historical Floods: Opequon Creek near Martinsburg, WV

Latitude: 39.424
Flood Stage: 10

Period of Record: 1936-Present
Last Flood: 5/6/2019

Longitude: -77.939
Number of Floods: 162

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/18/1936	17.5	19,100	Major	C1 C8 F1	3/17/1968	10.27	2,920	Minor	none
12/17/1948	10.27	2,660	Minor	none	11/13/1970	15.81	14,000	Major	none
12/30/1948	10.41	2,700	Minor	none	2/14/1971	12.24	5,430	Minor	none
5/19/1950	10.36	2,740	Minor	none	5/31/1971	11.02	3,630	Minor	none
11/26/1950	11.08	3,950	Minor	none	2/14/1972	10.92	3,520	Minor	none
12/4/1950	14.12	9,100	Moderate	none	6/22/1972	17.45	19,000	Major	none
4/13/1951	10.98	3,800	Minor	none	6/30/1972	12.71	6,280	Minor	none
4/28/1952	13.09	7,190	Moderate	none	11/14/1972	12.5	5,900	Minor	none
9/1/1952	11.65	4,700	Minor	none	11/20/1972	11.28	3,900	Minor	none
11/22/1952	13.12	6,980	Moderate	none	12/9/1972	13.09	7,000	Moderate	none
8/13/1955	11.13	3,700	Minor	none	12/22/1972	10.62	3,220	Minor	none
8/19/1955	11.92	4,900	Minor	none	4/28/1973	10.41	3,030	Minor	none
6/3/1959	11.54	4,300	Minor	C2	10/29/1973	10.51	3,170	Minor	none
2/20/1961	10.56	3,110	Minor	none	12/27/1973	11.01	3,610	Minor	none
4/13/1961	10.67	3,190	Minor	none	12/2/1974	12.81	6,680	Minor	none
3/13/1962	10.54	3,030	Minor	none	3/20/1975	11.64	4,580	Minor	none
3/20/1963	10.77	3,270	Minor	none	6/1/1975	12.21	5,540	Minor	none
3/4/1964	10.35	2,910	Minor	none	7/21/1975	12.83	6,720	Minor	none
3/5/1965	10.9	3,430	Minor	none	9/25/1975	14.15	9,460	Moderate	none
3/7/1967	11.76	4,660	Minor	C2	10/18/1975	10.43	3,050	Minor	none

Drainage Area: 273 square miles
Gage Datum: 354.33 ft MSL

Data represent all historical events.
Potomac Basin

County of Gage: Berkeley
County of Forecast Point: Berkeley

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
1/1/1976	12.08	5,300	Minor	none	11/29/1984	11.6	4,520	Minor	none
10/10/1976	14.73	10,900	Moderate	none	2/13/1985	12.99	7,040	Minor	none
4/5/1977	11.18	3,910	Minor	none	3/15/1986	11.43	4,260	Minor	none
1/26/1978	10.44	3,060	Minor	none	4/5/1987	10.67	3,290	Minor	none
3/15/1978	12.16	5,450	Minor	none	4/17/1987	12.05	5,250	Minor	none
3/27/1978	10.89	3,550	Minor	none	5/7/1988	11.15	3,870	Minor	none
5/17/1978	10.27	2,900	Minor	none	5/19/1988	16.29	15,500	Major	none
8/7/1978	13.5	8,060	Moderate	none	5/21/1988	12.16	5,450	Minor	none
1/22/1979	10.61	3,230	Minor	none	10/13/1990	14.07	9,270	Moderate	none
1/25/1979	11.81	4,860	Minor	none	10/23/1990	11.64	4,580	Minor	none
2/26/1979	12.54	6,130	Minor	none	12/31/1990	10.26	2,890	Minor	none
7/20/1979	10.64	3,260	Minor	none	3/24/1991	11.5	4,360	Minor	none
10/11/1979	11.58	4,490	Minor	none	3/7/1992	10.03	2,700	Minor	none
5/22/1980	10.9	3,560	Minor	none	4/22/1992	15.27	12,300	Major	none
6/14/1982	12.98	7,020	Minor	none	12/11/1992	11.59	4,500	Minor	none
3/19/1983	10.42	3,040	Minor	none	3/5/1993	15.38	12,600	Major	none
4/10/1983	11.03	3,720	Minor	none	3/22/1993	10.31	2,930	Minor	none
4/25/1983	11.77	4,790	Minor	none	3/24/1993	11.07	3,760	Minor	none
2/15/1984	14.99	11,600	Moderate	none	3/28/1993	10.46	3,080	Minor	none
2/24/1984	10.44	3,060	Minor	none	4/2/1993	10.42	3,040	Minor	none
3/29/1984	13.72	8,500	Moderate	none	4/17/1993	11.79	4,810	Minor	none
4/5/1984	11.27	4,040	Minor	none	4/22/1993	10.37	2,990	Minor	none
4/15/1984	10.14	2,790	Minor	none	11/28/1993	13.26	7,510	Moderate	none

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12/5/1993	12.45	5,970	Minor	none	2/24/1998	11.47	4,320	Minor	none
2/25/1994	10.94	3,600	Minor	none	3/19/1998	10.49	3,110	Minor	none
3/11/1994	11.87	4,940	Minor	none	3/21/1998	14.41	10,100	Moderate	none
3/29/1994	11.58	4,480	Minor	none	3/22/2001	10.58	3,200	Minor	none
8/18/1994	10.91	3,570	Minor	none	1/2/2003	11.41	6,370	Minor	none
1/16/1995	10.81	3,450	Minor	C2	2/23/2003	10.5	-9,999	Minor	none
10/22/1995	11.25	4,000	Minor	none	3/21/2003	11.51	-9,999	Minor	none
1/20/1996	18.76	23,400	Major	none	6/22/2003	12.82	6,370	Minor	none
1/27/1996	10.86	3,510	Minor	none	9/20/2003	10.36	-9,999	Minor	none
3/20/1996	11.96	5,090	Minor	none	9/9/2004	13.21	6,980	Moderate	none
4/2/1996	11.01	3,690	Minor	none	3/29/2005	12.02	5,030	Minor	none
8/1/1996	11.78	4,800	Minor	none	11/30/2005	11.7	4,540	Minor	none
8/3/1996	11.62	4,540	Minor	none	6/28/2006	12.8	6,330	Minor	none
8/13/1996	11.92	5,030	Minor	none	4/16/2007	10.59	3,110	Minor	none
9/7/1996	15.06	11,700	Major	none	4/21/2008	12.5	5,800	Minor	none
10/19/1996	12.37	5,820	Minor	none	4/27/2008	10.66	3,170	Minor	none
11/9/1996	12.53	6,110	Minor	none	5/12/2008	12.91	6,530	Minor	none
12/14/1996	10.91	3,570	Minor	none	5/5/2009	10.07	2,660	Minor	none
3/4/1997	10.36	2,980	Minor	none	12/10/2009	10.42	2,950	Minor	none
11/8/1997	12.16	5,440	Minor	none	1/26/2010	12.15	5,230	Minor	none
1/9/1998	10.57	3,190	Minor	none	3/14/2010	12.91	6,530	Minor	none
1/29/1998	12.08	5,300	Minor	none	3/29/2010	10.63	3,140	Minor	none
2/6/1998	13.09	7,170	Moderate	none	12/2/2010	10.13	2,710	Minor	none

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3/11/2011	10.23	2,790	Minor	none	11/25/2018	10.32	2,680	Minor	none
4/17/2011	12.4	5,640	Minor	none	12/16/2018	13.52	6,320	Moderate	none
4/28/2011	10.38	2,920	Minor	none	1/20/2019	10.88	3,030	Minor	none
5/18/2011	12.32	5,500	Minor	none	2/13/2019	10.74	2,940	Minor	none
12/8/2011	10.23	3,070	Minor	none	3/22/2019	12.02	4,060	Minor	none
10/30/2012	13.46	6,390	Moderate	none	4/20/2019	11.73	3,730	Minor	none
1/31/2013	12.04	5,060	Minor	none	5/6/2019	14.35	7,980	Moderate	none
12/7/2013	10.6	3,340	Minor	none					
12/30/2013	10.5	3,250	Minor	none					
5/17/2014	15.21	9,980	Major	none					
2/4/2016	10.8	3,530	Minor	none					
1/24/2017	10.7	2,910	Minor	none					
5/6/2017	11.19	3,250	Minor	none					
7/29/2017	13.3	5,920	Moderate	none					
4/16/2018	10.49	2,780	Minor	none					
5/17/2018	14.35	7,980	Moderate	none					
5/20/2018	12.48	4,630	Minor	none					
6/4/2018	13.93	7,100	Moderate	none					
6/23/2018	12.93	5,290	Moderate	none					
8/4/2018	11.77	3,770	Minor	none					
8/22/2018	11.63	3,640	Minor	none					
9/10/2018	12.89	5,230	Moderate	none					
9/28/2018	14.03	7,310	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								