

Historical Floods: Shenandoah River at Millville, West Virginia

Latitude: 39.282

Flood Stage: 10 ft

Period of Record: 1870-Present

Last Flood: 2/5/2016

Longitude: -77.789

Number of Floods: 52

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code					
9/30/1870	26.40	151,000	Major	C1 C3 C8 F1	10/7/1972	20.02	86,200	Major	C6
10/1/1896	19.72	105,000	Major	C1 G1	12/28/1973	14.78	46,200	Minor	C6
4/22/1901	16.00	74,000	Moderate	C1 G1	3/21/1975	18.86	75,900	Major	C6
2/27/1902	-9999.00	70,000	Missing	C1 F1 G1	10/11/1976	15.30	49,400	Moderate	C6
5/13/1924	21.10	119,000	Major	C1 F1 G1	1/27/1978	15.08	48,000	Moderate	C6
4/17/1929	13.70	39,900	Minor	G3	3/16/1978	14.13	42,300	Minor	C6
4/21/1933	13.67	39,900	Minor	C6	2/26/1979	16.03	54,200	Moderate	C6
12/2/1934	17.40	64,800	Major	C6	9/7/1979	13.93	41,100	Minor	C6
2/17/1936	13.94	19,000	Minor	C6	2/15/1984	16.66	58,600	Moderate	C6
3/18/1936	26.36	151,000	Major	C6	3/30/1984	14.49	44,400	Minor	C6
4/27/1937	20.20	87,400	Major	C6	11/6/1985	25.60	142,000	Major	C6
8/18/1940	13.70	40,100	Minor	C6	4/18/1987	17.44	64,500	Major	C6
5/24/1942	16.28	56,100	Moderate	C6	4/23/1992	15.36	52,400	Moderate	C6
10/16/1942	32.40	230,000	Major	C6	3/6/1993	16.60	60,900	Moderate	C6
9/20/1945	17.10	61,800	Major	C6	1/20/1996	23.61	121,000	Major	C6
6/20/1949	15.92	53,400	Moderate	C6	9/8/1996	26.84	156,000	Major	C6
12/5/1950	14.72	45,700	Minor	C6	1/9/1998	15.35	52,300	Moderate	C6
4/29/1952	14.24	42,900	Minor	C6	2/6/1998	14.70	48,000	Minor	C6
8/19/1955	21.45	99,000	Major	C6	2/19/1998	15.13	50,800	Moderate	C6
6/1/1971	17.04	61,300	Major	C6	9/20/2003	17.31	66,100	Major	C6
6/23/1972	21.89	103,000	Major	C6	9/30/2004	14.15	44,500	Minor	C6

Drainage Area: 3041 sq mi

Gage Datum: 292.44 ft MSL

Shenandoah Basin

County of Gage: Jefferson

County of Forecast Point: Jefferson

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12/1/2005	13.62	41,200	Minor	C6
1/26/2010	15.11	50,700	Moderate	C6
3/14/2010	15.02	50,100	Moderate	C6
4/18/2011	16.04	57,000	Moderate	C6
5/19/2011	14.69	48,000	Minor	C6
10/31/2012	11.42	29,000	Minor	none
2/1/2013	11.00	26,900	Minor	none
5/9/2013	13.16	38,500	Minor	none
5/17/2014	14.57	47,200	Moderate	none
2/5/2016	10.90	26,400	Minor	none

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-9999 signifies missing data

MARFC Codes

Code	Description
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| 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. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information. |
| C8 | Crest date (day) in the month is unknown. |
| C9 | Flow is an estimate. |
| F1 | Flow affected by regulation or diversion and in some cases to an unknown degree. |
| F2 | Flow effected by snow-melt, ice jam or debris jam break up. |
| F3 | Flow affected by dam failure. |
| F4 | Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors. |
| F5 | Gage height at a different site and/or datum. |
| G1 | 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. |
| G2 | Gage datum changed during this year. |

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