

Historical Floods: South River near Waynesboro, VA

Latitude: 38.058
Flood Stage: 9.5

Period of Record: 1942-Present
Last Flood: 9/17/2018

Longitude: -78.908
Number of Floods: 19

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/15/1942	14.3	14,500	Major	C1 C8					
8/18/1955	13.95	13,500	Major	none					
8/20/1969	15.27	17,400	Major	none					
5/30/1971	9.99	5,690	Minor	none					
6/21/1972	14.25	14,400	Major	none					
10/5/1972	11.41	8,040	Moderate	none					
3/19/1975	10.3	6,180	Minor	none					
9/5/1979	11.37	7,970	Moderate	none					
11/4/1985	15.3	17,500	Major	none					
4/17/1987	9.58	5,110	Minor	none					
1/19/1996	13.58	12,500	Major	none					
9/6/1996	13.46	12,300	Major	none					
2/17/1998	10.05	5,810	Minor	none					
9/19/2003	13.95	13,800	Major	none					
9/28/2004	10.45	6,460	Minor	none					
11/29/2005	10.54	6,610	Minor	none					
1/25/2010	10.01	5,470	Minor	none					
4/16/2011	11.38	8,120	Moderate	none					
9/17/2018	11.92	9,180	Moderate	none					

Drainage Area: 127 square miles
Gage Datum: 1296.2 ft MSL

Data represent all historical events.
Shenandoah Basin

County of Gage: Augusta
County of Forecast Point: Independent City

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								