

Historical Floods: South Fork Shenandoah River near Luray, VA

Latitude: 38.646
Flood Stage: 14

Period of Record: 1896-Present
Last Flood: 9/28/2018

Longitude: -78.535
Number of Floods: 25

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/1/1896	25.4	-9,999	Major	C1 C8	1/26/2010	16.88	39,000	Minor	C1
5/12/1924	22.5	72,800	Moderate	C1 C4 C8	4/17/2011	17.6	42,600	Major	C1
3/18/1936	23.6	81,600	Moderate	C1	6/3/2018	15.2	27,600	Minor	none
8/17/1940	17.87	41,100	Minor	C1	9/18/2018	17.63	39,700	Minor	none
5/23/1942	17.82	40,500	Minor	C1	9/28/2018	14.53	24,700	Minor	none
10/16/1942	25.7	100,000	Major	C1					
9/19/1945	18.36	44,100	Minor	C1					
6/18/1949	20.46	58,100	Moderate	C1					
12/8/1950	15.18	26,900	Minor	C1					
9/6/1979	15.73	32,700	Minor	C1					
2/14/1984	15.62	32,300	Minor	C1					
11/5/1985	26.72	110,000	Major	C1					
4/17/1987	18.5	47,000	Minor	C1					
4/22/1992	16.33	35,600	Minor	C1					
3/5/1993	17.18	39,700	Minor	C1					
9/7/1996	26.95	112,000	Major	C1					
1/8/1998	16.39	36,700	Minor	C1					
9/20/2003	19.11	50,600	Minor	C1					
9/29/2004	16.24	36,000	Minor	C1					
11/30/2005	15.77	33,800	Minor	C1					

Drainage Area: 1372 square miles
Gage Datum: 721.76 ft MSL

Data represent all historical events.
Shenandoah Basin

County of Gage: Page
County of Forecast Point: Page

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								