

Historical Floods: James River at Lick Run, VA

Latitude: 37.774
Flood Stage: 16

Period of Record: 1877-Present
Last Flood: 9/28/2018

Longitude: -79.784
Number of Floods: 81

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/3/1877	-9999	-9,999	Missing	C1	4/14/1949	20.45	40,600	Minor	none
11/24/1877	33	120,000	Major	C1 C8 F1	12/4/1950	16.23	26,100	Minor	none
10/13/1893	-9999	-9,999	Missing	C1	12/8/1950	20.45	38,300	Minor	none
3/28/1913	30.4	98,000	Major	C1 C8 F1	6/14/1951	16.75	27,800	Minor	none
5/12/1924	24.6	57,500	Moderate	C1 C4 C8	3/12/1952	19.07	34,300	Minor	none
12/26/1926	20	37,000	Minor	C1	2/22/1953	20.55	38,900	Minor	none
11/18/1929	17.75	31,400	Minor	none	3/24/1953	17.88	30,800	Minor	none
2/5/1932	18.14	32,300	Minor	none	3/2/1954	18.82	33,400	Minor	none
12/1/1934	16.82	25,700	Minor	none	10/16/1954	18.14	31,400	Minor	none
1/23/1935	22.98	53,000	Moderate	none	3/6/1955	19.5	35,500	Minor	none
3/18/1936	25.65	66,000	Major	none	4/6/1957	19.56	35,800	Minor	none
1/21/1937	17.45	28,700	Minor	none	3/31/1960	19.65	35,400	Minor	none
1/31/1939	16.98	27,700	Minor	none	10/21/1961	19.87	36,200	Minor	none
2/4/1939	16.21	25,800	Minor	none	3/22/1962	18.18	31,500	Minor	none
5/31/1940	16.12	25,500	Minor	none	3/12/1963	22.6	45,200	Moderate	none
5/17/1942	21.1	43,500	Minor	none	3/6/1964	16.07	25,900	Minor	none
5/22/1942	18.12	32,300	Minor	none	2/8/1965	16.5	27,000	Minor	none
3/14/1943	17.6	30,800	Minor	none	2/14/1966	16.34	26,400	Minor	none
1/8/1946	16	26,100	Minor	none	3/8/1967	22.3	42,800	Moderate	none
2/15/1948	16.1	26,400	Minor	none	3/15/1967	19.22	32,700	Minor	none

Drainage Area: 1371 square miles
Gage Datum: 977.63 ft MSL

Data represent all historical events.
James Basin

County of Gage: Botetourt
County of Forecast Point: Botetourt

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/20/1969	25.53	58,500	Major	none	4/16/1987	20.23	38,000	Minor	F2
12/31/1969	19.88	34,800	Minor	none	4/22/1992	18.97	34,500	Minor	F2
2/14/1971	19.61	33,900	Minor	none	3/4/1993	18.04	32,000	Minor	F2
5/31/1971	19.17	32,700	Minor	none	1/15/1995	19.26	35,400	Minor	F2
2/26/1972	19.84	34,500	Minor	none	1/19/1996	25.14	57,800	Major	F1 F2
6/21/1972	27.01	66,200	Major	none	12/2/1996	16.43	27,900	Minor	F2
2/3/1973	17.82	29,000	Minor	none	1/8/1998	18.43	33,000	Minor	F2
3/17/1973	18.66	31,200	Minor	none	2/22/2003	19.92	37,600	Minor	F2
5/28/1973	19.44	33,500	Minor	none	11/20/2003	18.09	32,110	Minor	F2
12/27/1973	24.77	54,200	Moderate	none	9/29/2004	21.69	43,700	Minor	F2
5/13/1974	17.51	28,300	Minor	none	6/27/2006	19.79	37,100	Minor	F2
3/20/1975	17.79	28,900	Minor	none	4/16/2007	17.18	29,200	Minor	F2
1/1/1976	16.4	25,600	Minor	none	1/25/2010	18.58	33,300	Minor	F2
10/9/1976	17.13	27,300	Minor	none	1/31/2013	16.53	27,400	Minor	F2
4/5/1977	22.54	43,700	Moderate	none	5/7/2013	17.29	29,500	Minor	F2
1/26/1978	21.66	40,600	Minor	none	6/24/2016	22.84	48,000	Moderate	F2
3/15/1978	18.01	29,400	Minor	none	4/16/2018	17.24	28,300	Minor	none
3/27/1978	18.54	30,800	Minor	none	9/28/2018	17.19	28,200	Minor	none
2/25/1979	18.04	29,400	Minor	none					
3/5/1979	16.5	25,800	Minor	none					
6/13/1982	17.79	28,900	Minor	F2					
2/14/1984	17.3	27,800	Minor	F2					
11/5/1985	30.22	87,500	Major	F2					

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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								