

Historical Floods: James River at Holcomb Rock, VA

Latitude: 37.501
Flood Stage: 22

Period of Record: 1913-Present
Last Flood: 1/26/2010

Longitude: -79.263
Number of Floods: 43

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/28/1913	31.3	118,000	Major	C1 G1	5/31/1971	22.62	61,600	Minor	none
12/1/1934	24.65	73,500	Moderate	none	6/22/1972	32.38	126,000	Major	none
1/23/1935	26.61	86,300	Moderate	none	12/27/1973	24.69	74,000	Moderate	none
3/18/1936	30.78	115,000	Major	none	3/20/1975	22.53	61,200	Minor	none
10/20/1937	22.52	59,000	Minor	none	4/6/1977	23.47	66,700	Minor	none
8/16/1940	24.25	66,800	Moderate	none	1/26/1978	25.59	79,700	Moderate	none
5/17/1942	22.45	58,500	Minor	none	2/26/1979	24.56	73,300	Moderate	none
5/22/1942	24.62	68,700	Moderate	none	6/13/1982	23.67	67,900	Minor	F2
12/4/1948	22.8	62,700	Minor	none	2/15/1984	22.63	61,800	Minor	F2
4/14/1949	22.9	63,300	Minor	none	11/5/1985	42.15	207,000	Major	F2
9/10/1950	24	69,900	Moderate	none	4/17/1987	28.36	97,900	Major	F2
12/8/1950	22.83	62,700	Minor	none	4/25/1987	22.59	61,500	Minor	F2
3/2/1954	22.8	62,700	Minor	none	9/8/1987	24.2	71,100	Moderate	F2
3/7/1955	23.33	65,900	Minor	none	4/22/1992	29.48	105,000	Major	F2
4/6/1957	22.36	60,500	Minor	none	3/5/1993	23.15	64,900	Minor	F2
3/31/1960	22	58,300	Minor	none	1/16/1995	24.8	74,700	Moderate	F2
3/13/1963	24.75	74,700	Moderate	none	6/28/1995	26.87	87,800	Moderate	F2
3/8/1967	22.46	61,000	Minor	none	1/20/1996	30.96	116,000	Major	F2
8/20/1969	35.5	150,000	Major	none	9/7/1996	22.61	61,800	Minor	F2
1/1/1970	22.2	59,400	Minor	none	2/23/2003	25.43	78,600	Moderate	F2

Drainage Area: 3256 square miles
Gage Datum: 547.83 ft MSL

Data represent all historical events.
James Basin

County of Gage: Bedford
County of Forecast Point: Bedford

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/29/2004	24.35	71,900	Moderate	F2					
6/28/2006	22.74	66,800	Minor	F2					
1/26/2010	23.78	72,700	Minor	F2					

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

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