Historical Floods: Rapidan River near Culpeper, VA

Latitude: 38.35 | Period of Record: 1930-Present | Longitude: -77.975

Flood Stage: 13 | Last Flood: 8/4/2018 | Number of Floods: 61

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/18/1932	15.72	11,400	Minor	C6	6/22/1972	29.53	55,600	Major	C6
11/10/1932	14.9	10,000	Minor	C6	10/6/1972	26.23	42,400	Major	C6
4/17/1933	16	12,000	Minor	C6	8/18/1973	15.2	11,500	Minor	C6
9/14/1934	15.77	11,600	Minor	C6	3/20/1975	17.26	14,500	Moderate	C6
9/17/1934	19.53	21,900	Moderate	C6	10/10/1976	17.5	15,000	Moderate	C6
12/2/1934	14.77	9,840	Minor	C6	1/26/1978	17.47	14,900	Moderate	C6
9/6/1935	17.53	15,600	Moderate	C6	2/26/1979	15.41	11,800	Minor	C6
3/18/1936	19.25	21,000	Moderate	C6	9/6/1979	18.79	17,600	Moderate	C6
1/21/1937	15.42	10,400	Minor	C6	9/22/1979	17.28	14,500	Moderate	C6
4/26/1937	28.03	50,000	Major	C6	10/2/1979	14.78	11,100	Minor	C6
10/20/1937	19.41	21,600	Moderate	C6	2/15/1984	18.24	16,400	Moderate	C6
8/17/1940	15.36	10,400	Minor	C6	3/29/1984	15.98	12,600	Minor	C6
8/9/1942	15.58	11,200	Minor	C6	11/5/1985	22.52	28,500	Major	C6
10/16/1942	30.3	58,100	Major	C6	4/17/1987	15.97	12,600	Minor	C6
9/19/1944	14.56	10,800	Minor	C6	9/9/1987	17.77	15,500	Moderate	C6
11/4/1947	14.1	10,200	Minor	C6	5/6/1989	18.19	16,300	Moderate	C6
12/4/1948	15.62	12,000	Minor	C6	10/23/1990	14.4	10,700	Minor	C6
12/5/1950	17.1	14,600	Moderate	C6	12/11/1992	14.38	10,700	Minor	C6
8/18/1955	24.31	33,800	Major	C6	3/5/1993	18.91	17,800	Moderate	C6
2/8/1965	15.15	11,600	Minor	C6	11/28/1993	14.58	10,900	Minor	C6

Drainage Area: 468 square miles

Gage Datum: 241.36 ft MSL

Data represent all historical events.
Rappahannock Basin

County of Gage: Culpeper

County of Forecast Point: Culpeper

Created on 1/21/2020 at 11:26:35 AM

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/28/1995	30.4	59,300	Major	C6
1/20/1996	18.22	19,400	Moderate	C6
9/7/1996	27.49	47,800	Major	C6
2/5/1998	14.82	15,300	Minor	C6
2/18/1998	17.15	18,700	Moderate	C6
3/21/1998	14.02	14,200	Minor	C6
5/8/1998	15.73	16,600	Minor	C6
9/30/1999	17.53	19,200	Moderate	C6
2/23/2003	14.3	14,590	Minor	C6
9/19/2003	18.51	20,700	Moderate	C6
9/29/2004	14.06	14,300	Minor	C6
1/25/2010	15.43	16,200	Minor	C6
1/31/2013	13.49	13,100	Minor	none
5/8/2013	14.35	14,700	Minor	none
6/10/2013	16.51	17,700	Minor	none
4/30/2014	14.75	15,200	Minor	none
5/16/2014	17.16	18,700	Moderate	none
6/1/2018	14.64	15,100	Minor	none
6/4/2018	14.46	14,800	Minor	none
6/22/2018	23.7	34,600	Major	none
8/4/2018	13.32	12,700	Minor	none

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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

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