

Historical Floods: Appomattox River at Mattoax, WV

Latitude: 37.421
Flood Stage: 21

Period of Record: 1901-Present
Last Flood: 11/17/2018

Longitude: -77.859
Number of Floods: 88

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
5/25/1901	-9999	13,400	Missing	C1	11/4/1949	22.09	6,230	Minor	none
2/28/1902	-9999	12,000	Missing	C1	12/24/1951	23.2	7,540	Minor	none
3/25/1903	-9999	10,600	Missing	C1	3/28/1952	21.22	5,360	Minor	none
8/15/1928	25.94	11,200	Moderate	none	11/24/1952	21.7	5,800	Minor	none
3/10/1932	22.5	6,700	Minor	none	8/21/1955	26.53	12,100	Moderate	none
3/8/1934	23.4	7,800	Minor	none	1/2/1959	22.26	6,460	Minor	none
12/4/1934	23.66	8,190	Minor	none	2/23/1960	21.5	5,610	Minor	none
3/20/1936	25.27	10,300	Moderate	none	4/9/1960	22.22	6,340	Minor	none
1/6/1937	23.15	7,540	Minor	none	10/21/1961	21.63	5,700	Minor	none
1/22/1937	22.94	7,180	Minor	none	1/10/1962	22.84	7,060	Minor	none
4/28/1937	29.27	20,100	Major	none	6/2/1971	24.34	8,970	Minor	none
10/24/1937	21.63	5,480	Minor	none	10/27/1971	32.3	26,100	Major	none
6/24/1938	24.21	8,840	Minor	none	6/25/1972	34.08	31,100	Major	none
7/29/1938	23.57	8,060	Minor	none	10/7/1972	31.1	22,400	Major	none
8/18/1940	35.3	35,000	Major	none	5/1/1973	23.6	8,060	Minor	none
2/9/1943	21.64	5,700	Minor	none	12/25/1973	21.67	5,770	Minor	none
9/23/1944	25.3	10,300	Moderate	none	9/10/1974	23.81	8,330	Minor	none
9/22/1945	25.3	10,300	Moderate	none	3/18/1975	25.36	10,500	Moderate	none
2/18/1948	23.1	7,420	Minor	none	3/23/1975	23.24	7,540	Minor	none
12/7/1948	24.39	9,100	Minor	none	4/2/1975	22.55	6,820	Minor	none

Drainage Area: 725 square miles
Gage Datum: 174.51 ft MSL

Data represent all historical events.
Appomattox Basin

County of Gage: Amelia
County of Forecast Point: Amelia

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
7/17/1975	23.39	7,800	Minor	none	1/23/1996	22.42	6,320	Minor	none
9/29/1975	25.66	10,900	Moderate	none	9/10/1996	27.49	13,800	Moderate	none
1/4/1976	22.28	6,440	Minor	none	2/1/1998	24.77	9,280	Minor	none
1/13/1978	21.17	5,360	Minor	none	2/8/1998	23.39	7,440	Minor	none
1/28/1978	27.73	14,000	Moderate	none	2/21/1998	21.21	5,580	Minor	none
3/14/1978	25.38	10,500	Moderate	none	3/22/1998	25.85	10,900	Moderate	none
1/25/1979	22.54	6,700	Minor	none	2/26/2003	21.94	5,965	Minor	none
2/26/1979	30.84	21,600	Major	none	3/24/2003	25.19	9,900	Moderate	none
9/9/1979	21.57	5,700	Minor	none	4/13/2003	22.54	6,447	Minor	none
9/25/1979	24.06	8,710	Minor	none	9/23/2003	27.33	13,500	Moderate	none
10/2/1979	23.27	7,630	Minor	none	10/11/2006	22.97	6,940	Minor	none
4/19/1983	23.81	8,330	Minor	none	1/5/2007	23.8	7,960	Minor	none
2/15/1984	22.1	6,230	Minor	none	11/16/2009	24.36	8,710	Minor	none
3/29/1984	24.8	9,640	Minor	none	12/14/2009	22.07	6,040	Minor	none
4/1/1984	23	7,300	Minor	none	12/17/2009	21.05	5,460	Minor	none
11/7/1985	26.64	12,300	Moderate	none	1/21/2013	21.04	5,380	Minor	C4 F1
3/5/1987	21.47	5,580	Minor	none	5/4/2014	23.5	7,990	Minor	none
4/19/1987	25.96	11,300	Moderate	none	5/20/2014	25.09	10,200	Moderate	C4 F1
3/8/1993	26.38	11,900	Moderate	none	12/27/2015	25.17	10,400	Moderate	none
12/1/1993	26.54	12,100	Moderate	none	5/23/2018	24.81	9,820	Minor	none
12/9/1993	21.53	5,750	Minor	none	9/18/2018	22.31	6,540	Minor	none
3/6/1994	24.59	9,030	Minor	none	9/21/2018	21.81	5,990	Minor	none
4/1/1994	24.74	9,240	Minor	none	10/12/2018	25.72	11,200	Moderate	none

Drainage Area: 725 square miles
Gage Datum: 174.51 ft MSL

Data represent all historical events.
Appomattox Basin

County of Gage: Amelia
County of Forecast Point: Amelia

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/15/2018	28.72	-9,999	Major	none					
11/17/2018	22.51	5,560	Minor	none					

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