

# Historical Floods: South Branch Potomac River near Springfield, WV

Latitude: 39.447  
Flood Stage: 15

Period of Record: 1877-Present  
Last Flood: 12/16/2018

Longitude: -78.654  
Number of Floods: 88

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
11/25/1877	34	140,000	Major	C1 C8 G1	6/18/1949	29.85	104,000	Major	none
4/21/1901	18.4	17,400	Minor	C1 F1 G1	12/5/1950	17.02	28,000	Minor	none
4/17/1929	19.13	36,400	Moderate	G3	12/8/1950	17.65	30,400	Minor	none
10/23/1929	16.33	25,600	Minor	none	4/28/1952	15.85	23,900	Minor	none
11/19/1929	15.27	22,300	Minor	none	3/2/1954	17.31	29,200	Minor	C2
2/4/1932	20.4	42,500	Moderate	none	10/16/1954	21.5	48,200	Moderate	none
5/12/1932	17.88	31,600	Minor	none	12/30/1954	15.28	22,300	Minor	none
8/24/1933	17	28,000	Minor	none	8/19/1955	25.55	73,400	Major	none
2/26/1936	16.1	24,800	Minor	none	3/31/1960	16.33	22,900	Minor	none
3/18/1936	34.2	143,000	Major	none	5/9/1960	16.7	24,500	Minor	none
4/27/1937	23	57,000	Moderate	none	3/22/1962	17.27	29,200	Minor	none
10/29/1937	21.15	46,600	Moderate	none	3/20/1963	22.15	51,900	Moderate	none
1/31/1939	15.35	21,100	Minor	none	3/6/1964	15.45	23,500	Minor	none
2/4/1939	21.4	47,700	Moderate	none	3/8/1967	21	45,500	Moderate	none
5/31/1940	20.11	41,000	Moderate	none	3/16/1967	15.24	22,900	Minor	none
5/17/1942	16.63	24,200	Minor	none	2/27/1972	15.29	23,000	Minor	none
5/23/1942	22	51,000	Moderate	none	6/23/1972	17.87	31,500	Minor	none
10/16/1942	21.09	46,000	Moderate	none	10/6/1972	21.11	46,100	Moderate	none
9/19/1945	17.15	28,800	Minor	none	12/27/1973	20.16	41,300	Moderate	none
4/15/1948	17.35	29,400	Minor	none	6/3/1974	18.15	32,600	Minor	none

Drainage Area: 1461 square miles  
Gage Datum: 561.41 ft MSL

Data represent all historical events.  
South Branch Potomac Basin

County of Gage: Hampshire  
County of Forecast Point: Hampshire

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/20/1975	20.34	40,500	Moderate	none	9/7/1996	34.98	147,000	Major	none
10/19/1975	17.32	27,900	Minor	none	3/21/1998	18.09	29,200	Minor	none
1/1/1976	16.75	26,000	Minor	none	4/23/2002	17.49	27,700	Minor	none
10/10/1976	23.42	58,300	Moderate	none	2/24/2003	15.07	21,560	Minor	none
4/6/1977	16.58	25,500	Minor	none	5/11/2003	15.95	23,675	Minor	none
1/27/1978	17.21	27,500	Minor	none	9/20/2003	24.7	67,500	Moderate	none
3/15/1978	18.1	30,700	Minor	none	11/20/2003	18	29,000	Minor	none
3/27/1978	15.69	23,000	Minor	none	9/29/2004	15.19	21,800	Minor	none
2/26/1979	19.17	34,200	Moderate	none	3/3/2007	16.52	25,200	Minor	none
5/1/1980	16.07	24,000	Minor	none	4/16/2007	19.5	33,200	Moderate	none
3/21/1982	16.55	25,400	Minor	none	3/5/2008	16.93	26,300	Minor	none
4/25/1983	16.71	25,900	Minor	none	1/26/2010	18.54	30,300	Minor	none
2/15/1984	18.63	32,800	Minor	none	3/14/2010	19.37	32,700	Moderate	none
6/1/1985	16.2	24,400	Minor	none	3/11/2011	15.24	21,900	Minor	none
11/5/1985	44.22	240,000	Major	none	4/13/2011	16.13	24,100	Minor	none
3/15/1986	19.18	39,300	Moderate	none	4/17/2011	15.35	22,200	Minor	none
4/17/1987	19.18	39,300	Moderate	none	4/29/2011	15.37	22,200	Minor	none
3/24/1991	17.38	31,500	Minor	none	5/18/2011	19	31,500	Moderate	none
4/17/1993	18.26	34,500	Minor	none	5/8/2013	16.79	25,900	Minor	none
2/10/1994	19.19	38,500	Moderate	none	5/17/2014	18.57	30,400	Minor	none
5/8/1994	17.9	33,000	Minor	none	4/17/2018	19.44	33,900	Moderate	none
1/20/1996	28.41	93,900	Major	none	6/3/2018	17.49	27,800	Minor	none
5/18/1996	16.79	29,300	Minor	none	6/4/2018	16.89	26,300	Minor	none

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South Branch Potomac Basin

County of Gage: Hampshire  
County of Forecast Point: Hampshire

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/28/2018	15.93	23,900	Minor	none					
12/16/2018	16.25	24,700	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