

Historical Floods: North Branch Susquehanna River at Vestal, NY

Latitude: 42.091
Flood Stage: 18

Period of Record: 1935-Present
Last Flood: 8/15/2018

Longitude: -76.056
Number of Floods: 94

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
7/8/1935	25.25	77,000	Moderate	C1 C3 F1	12/31/1948	18.54	46,800	Minor	none
3/18/1936	30.5	107,000	Major	C1 C3 C8	3/30/1950	20.87	57,300	Minor	none
9/23/1938	19.14	47,600	Minor	none	4/5/1950	21.29	59,300	Moderate	none
2/21/1939	21.34	56,200	Moderate	none	12/5/1950	20.27	54,500	Minor	none
4/1/1940	26.58	85,500	Moderate	none	3/12/1952	18.37	46,000	Minor	none
4/9/1940	23.81	70,000	Moderate	none	10/16/1955	18.49	46,500	Minor	none
4/22/1940	18.18	44,100	Minor	none	3/8/1956	22.74	64,000	Moderate	none
4/7/1941	20.29	53,400	Minor	none	4/6/1956	22.72	63,900	Moderate	none
3/18/1942	18.14	43,900	Minor	none	4/8/1958	22.8	64,300	Moderate	none
12/31/1942	27.41	90,500	Major	none	1/22/1959	20.59	53,700	Minor	none
3/18/1943	21.81	63,000	Moderate	none	11/29/1959	19.21	47,500	Minor	none
3/18/1944	19.9	53,900	Minor	none	2/12/1960	18.53	44,700	Minor	none
3/18/1945	19.13	50,400	Minor	none	4/1/1960	23.45	67,600	Moderate	none
3/22/1945	19.09	50,200	Minor	none	4/5/1960	23.2	66,300	Moderate	none
3/9/1946	20.3	54,700	Minor	none	2/26/1961	24.09	70,800	Moderate	none
5/28/1946	19.96	53,100	Minor	none	4/25/1961	20.2	51,900	Minor	none
3/25/1947	18.03	45,600	Minor	none	4/1/1962	21.74	59,100	Moderate	none
4/6/1947	20.77	58,400	Minor	none	3/28/1963	22.46	62,600	Moderate	none
3/17/1948	19.77	52,200	Minor	none	3/6/1964	25.79	79,200	Moderate	none
3/22/1948	27.73	92,400	Major	none	3/10/1964	25.13	72,600	Moderate	none

Drainage Area: 3941 square miles
Gage Datum: 799.19 ft MSL

Data represent all historical events.
North Branch Susquehanna Basin

County of Gage: Broome
County of Forecast Point: Broome

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/23/1968	18.18	43,200	Minor	none	1/25/1999	21.27	52,900	Moderate	none
1/31/1969	18.61	45,000	Minor	none	2/28/2000	23.62	64,500	Moderate	none
4/3/1970	18.48	44,500	Minor	none	4/5/2000	19.77	46,300	Minor	none
6/23/1972	22.35	50,400	Moderate	none	4/10/2001	19.49	45,100	Minor	none
11/9/1972	19.79	46,400	Minor	none	3/23/2003	21.01	51,800	Moderate	none
12/28/1973	18.24	40,000	Minor	none	3/7/2004	18.26	40,055	Minor	none
9/26/1975	23.09	61,500	Moderate	none	9/18/2004	25.94	77,600	Moderate	none
2/19/1976	19.43	44,900	Minor	none	1/14/2005	20.11	-9,999	Minor	none
3/14/1977	22.68	59,600	Moderate	none	3/29/2005	20.51	-9,999	Minor	none
4/5/1978	21.13	54,200	Moderate	none	4/3/2005	29.14	97,000	Major	none
3/6/1979	26.62	81,700	Moderate	none	1/19/2006	18.42	40,700	Minor	none
3/22/1980	18.26	44,000	Minor	none	6/28/2006	33.66	119,000	Major	none
2/21/1981	19.43	48,700	Minor	none	11/17/2006	21.67	55,900	Moderate	none
4/16/1983	20.51	53,000	Minor	none	3/16/2007	19.91	-9,999	Minor	none
12/14/1983	27.03	84,200	Major	none	3/28/2007	18.33	40,336	Minor	none
3/15/1986	25.11	73,100	Moderate	none	2/7/2008	19.11	-9,999	Minor	none
11/27/1986	18.46	44,800	Minor	none	3/5/2008	18.59	-9,999	Minor	none
10/24/1990	21.07	52,000	Moderate	none	3/9/2008	21.01	53,100	Moderate	none
4/11/1993	26.25	79,400	Moderate	none	3/9/2009	18.52	42,800	Minor	none
4/7/1994	19.39	44,700	Minor	none	1/26/2010	20.89	53,000	Minor	none
1/20/1996	27.86	89,100	Major	F3	3/7/2011	18.25	-9,999	Minor	none
12/2/1996	22.51	58,800	Moderate	none	3/11/2011	22.26	59,100	Moderate	none
1/9/1998	21.56	54,300	Moderate	none	4/27/2011	18.95	44,900	Minor	none

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County of Forecast Point: Broome

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4/28/2011	23.17	63,300	Moderate	none					
8/28/2011	18.9	44,700	Minor	none					
9/8/2011	35.26	129,000	Major	none					
4/4/2015	18.33	42,400	Minor	none					
4/10/2015	19.69	47,900	Minor	none					
4/7/2017	21.99	57,900	Moderate	none					
1/24/2018	18.2	-9,999	Minor	C2 F2					
8/15/2018	21.56	56,000	Moderate	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								