

# Historical Floods: Susquehanna River at Danville, PA

Latitude: 40.958  
Flood Stage: 20

Period of Record: 1865-Present  
Last Flood: 8/15/2018

Longitude: -76.619  
Number of Floods: 44

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/18/1865	28	-9,999	Moderate	C1	3/9/1956	22.47	175,000	Minor	none
12/16/1901	22.8	188,000	Minor	C1	4/8/1958	21.87	169,000	Minor	none
3/3/1902	26.9	243,000	Moderate	C1	4/2/1960	23.92	198,000	Moderate	none
1/25/1904	26.2	-9,999	Moderate	C1	2/28/1961	21.72	167,000	Minor	none
2/10/1904	24.6	-9,999	Moderate	C1	3/11/1964	25.13	261,000	Moderate	none
3/9/1904	30.71	-9,999	Major	C1 C4	6/25/1972	32.16	363,000	Major	none
3/3/1910	21	165,000	Minor	C1	9/28/1975	27.52	257,000	Moderate	none
3/28/1913	23.11	192,000	Moderate	C1	3/7/1979	23.93	188,000	Moderate	C5
3/29/1914	22.6	186,000	Minor	C1	4/17/1983	20.53	149,000	Minor	C5
4/2/1916	21.8	175,000	Minor	C1	4/7/1984	24.14	194,000	Moderate	C5
3/14/1920	20.9	170,000	Minor	C1	3/16/1986	22.68	173,000	Minor	C5
2/13/1925	20.3	162,000	Minor	C1	4/3/1993	23.97	187,000	Moderate	none
4/23/1929	20.35	163,000	Minor	C1	3/26/1994	20.15	139,000	Minor	none
7/11/1935	20	153,000	Minor	C1	1/21/1996	25.96	209,000	Moderate	none
3/20/1936	27.42	250,000	Moderate	C1	1/10/1998	20.43	143,000	Minor	none
4/2/1940	25.25	222,000	Moderate	none	9/19/2004	26.22	220,000	Moderate	C5
1/1/1943	24	204,000	Moderate	none	1/15/2005	20.56	149,000	Minor	none
5/29/1946	25.98	234,000	Moderate	none	3/30/2005	20.86	154,000	Minor	none
3/24/1948	22.63	184,000	Minor	none	4/4/2005	24.28	202,000	Moderate	C5
3/30/1950	21.81	168,000	Minor	none	6/28/2006	28.19	260,000	Moderate	C5

Drainage Area: 11220 square miles  
Gage Datum: 431.29 ft MSL

Data represent all historical events.  
Main Stem Susquehanna Basin

County of Gage: Montour  
County of Forecast Point: Montour

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/12/2011	22.57	170,000	Minor	none					
4/29/2011	22.41	169,000	Minor	none					
9/9/2011	31.55	311,000	Major	none					
8/15/2018	22.29	172,000	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