

Historical Floods: Susquehanna River at Harrisburg, PA

Latitude: 40.255
Flood Stage: 17

Period of Record: 1786-Present
Last Flood: 7/26/2018

Longitude: -76.886
Number of Floods: 49

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/5/1786	22	-9,999	Missing	C1	1/1/1943	19.4	412,000	Minor	none
3/15/1846	22	482,000	Moderate	C1	5/29/1946	21.8	494,000	Moderate	none
3/18/1865	24.6	573,000	Major	C1	11/27/1950	19.34	416,000	Minor	none
3/19/1868	20	417,000	Moderate	C1	4/2/1960	18.2	382,000	Minor	none
1/6/1886	19.02	385,000	Minor	C1	2/27/1961	18.48	392,000	Minor	none
6/2/1889	26.8	654,000	Major	C1	3/12/1964	21.51	484,000	Moderate	none
2/19/1891	19.7	408,000	Minor	C1	2/16/1971	18.03	-9,999	Minor	none
5/22/1894	25.7	613,000	Major	C1	6/24/1972	33.27	1,020,000	Major	none
3/3/1902	22.94	449,000	Moderate	C1 C5	2/26/1975	18.19	375,000	Minor	none
3/8/1904	20.84	298,000	Moderate	C1 C5	9/27/1975	23.82	529,000	Major	none
3/3/1910	17.2	332,000	Minor	C1	3/7/1979	20.43	416,000	Moderate	none
3/28/1913	19.54	402,000	Minor	C1	2/5/1982	17.64	-9,999	Minor	none
3/30/1914	18.1	358,000	Minor	C1	12/15/1983	17.55	328,000	Minor	none
3/29/1916	18.8	379,000	Minor	C1	2/16/1984	20.74	426,000	Moderate	none
3/13/1920	20.2	423,000	Moderate	C1	4/7/1984	18.88	368,000	Minor	none
4/8/1924	17	324,000	Minor	C1	3/16/1986	18.53	357,000	Minor	none
2/13/1925	18.8	379,000	Minor	C1	4/2/1993	20.5	410,000	Moderate	none
11/17/1926	17	323,500	Minor	C1	3/26/1994	17.9	334,000	Minor	none
3/19/1936	29.23	740,000	Major	none	1/20/1996	25.08	568,000	Major	C7
4/2/1940	19.75	418,000	Minor	none	1/10/1998	17.27	316,000	Minor	none

Drainage Area: 24100 square miles
Gage Datum: 290.01 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Dauphin
County of Forecast Point: Dauphin

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/19/2004	24.4	557,000	Major	none					
3/30/2005	17.43	321,000	Minor	none					
4/4/2005	18.87	360,000	Minor	none					
6/29/2006	19.66	383,000	Minor	none					
3/6/2008	17.4	320,000	Minor	none					
3/12/2011	20.09	397,000	Moderate	none					
4/29/2011	18.37	346,000	Minor	none					
9/9/2011	25.17	590,000	Major	none					
7/26/2018	17.32	318,000	Minor	none					

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County of Forecast Point: Dauphin

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								