Historical Floods: Susquehanna River at Marietta, PA

Latitude: 40.054 | Period of Record: 1889-Present | Longitude: -76.531

Flood Stage: 49 | Last Flood: 7/26/2018 | Number of Floods: 37

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/2/1889	58.3	630,000	Major	C1
8/25/1933	49.44	296,000	Minor	none
3/19/1936	60.73	787,000	Major	none
4/2/1940	53.33	432,000	Moderate	none
5/24/1942	49.63	307,000	Minor	none
1/1/1943	53.2	428,000	Moderate	none
5/29/1946	54.9	492,000	Major	none
4/16/1948	49.67	310,000	Minor	none
3/30/1950	49.29	298,000	Minor	none
11/27/1950	52.96	420,000	Moderate	none
3/13/1952	50.33	329,000	Minor	none
3/10/1956	50.25	325,000	Minor	none
4/2/1960	51.31	370,000	Minor	none
2/27/1961	51.82	386,000	Minor	none
3/12/1964	54.03	473,000	Major	none
4/4/1970	50.47	350,000	Minor	none
6/23/1972	64.54	1,080,000	Major	F2
9/27/1975	55.73	545,000	Major	none
3/7/1979	53.21	452,000	Moderate	none
2/24/1981	49.56	316,000	Minor	none
2/16/1984	53.49	458,000	Moderate	none
3/16/1986	51.52	384,000	Minor	none
4/2/1993	53.21	448,000	Moderate	none
3/26/1994	51.01	365,000	Minor	none
1/21/1996	56.8	601,000	Major	none
1/10/1998	50.17	336,000	Minor	none
9/20/2004	56.28	577,000	Major	none
1/16/2005	49.1	301,000	Minor	none
3/30/2005	50.25	339,000	Minor	none
4/4/2005	51.71	391,000	Minor	none
6/29/2006	52.53	421,000	Moderate	none
3/6/2008	50.63	352,000	Minor	none
1/27/2010	49.58	316,000	Minor	none
3/12/2011	52.86	434,000	Moderate	none
4/29/2011	51.15	370,000	Minor	none
9/9/2011	58.16	665,000	Major	none
7/26/2018	50.93	362,000	Minor	none

Drainage Area: 25990 square miles

Gage Datum: 200.56 ft MSL

Data represent all historical events.

Main Stem Susquehanna Basin

County of Gage: Lancaster

County of Forecast Point: Lancaster

Created on 1/21/2020 at 9:38:34 AM

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

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