

# Historical Floods: Swatara Creek at Middletown, PA

Latitude: 40.193  
Flood Stage: 11

Period of Record: 2013-Present  
Last Flood: 9/12/2018

Longitude: -76.728  
Number of Floods: 3

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
1/14/2014	11.42	-9,999	Minor	F3					
7/26/2018	16.19	-9,999	Moderate	none					
9/12/2018	11.76	-9,999	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

Drainage Area: 569 square miles  
Gage Datum: 278.56 ft MSL

Data represent all historical events.  
Main Stem Susquehanna Basin

County of Gage: Dauphin  
County of Forecast Point: Dauphin