

## Historical Floods: West Branch Susquehanna River at Lock Haven, Pennsylvania

Latitude: 41.138

Flood Stage: 21 ft

Period of Record: 1889-Present

Last Flood: 12/1/2010

Longitude: -77.442

Number of Floods: 20

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/1/1889	29.80	-9,999	Major	C1
3/24/1898	26.40	-9,999	Major	C1
3/1/1902	23.70	-9,999	Moderate	C1
3/4/1904	24.20	-9,999	Moderate	C1
11/4/1904	24.20	-9,999	Moderate	C1
2/21/1918	26.80	-9,999	Major	C1
3/4/1923	25.10	-9,999	Major	C1
2/26/1926	22.80	-9,999	Minor	C1
3/18/1936	32.30	-9,999	Major	C1
4/1/1940	21.70	-9,999	Minor	C1
12/31/1942	23.10	-9,999	Moderate	C1
5/28/1946	26.85	-9,999	Major	C1
11/26/1950	27.61	-9,999	Major	C1
3/10/1964	26.10	-9,999	Major	C1
6/23/1972	31.10	-9,999	Major	C1
9/26/1975	22.92	91,500	Minor	F2
2/15/1984	22.38	79,000	Minor	F2
1/20/1996	25.76	93,900	Major	F2
9/18/2004	28.13	111,000	Major	F2
12/1/2010	24.10	83,400	Moderate	F2

Drainage Area: 3345 sq mi

Gage Datum: 534.51 ft MSL

West Branch Susquehanna Basin

County of Gage: Clinton

County of Forecast Point: Clinton

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-9999 signifies missing data

## MARFC Codes

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. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	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.
G2	Gage datum changed during this year.

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