

Historical Floods: Cowanesque River near Lawrenceville, PA

Latitude: 41.997

Period of Record: 1970-Present

Longitude: -77.14

Flood Stage: 13

Last Flood: 5/14/1978

Number of Floods: 9

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
2/2/1970	13	-9,999	Minor	C1					
6/23/1972	17.26	40,500	Major	C1 C5					
9/26/1975	18.13	43,700	Major	C1					
2/25/1977	16.99	-9,999	Moderate	C1					
9/25/1977	13.75	12,300	Minor	C1 G1					
1/9/1978	13.3	-9,999	Minor	C1					
3/15/1978	15.41	-9,999	Moderate	C1					
3/21/1978	13.38	-9,999	Minor	C1					
5/14/1978	13.56	10,900	Minor	C1					

Drainage Area: 298 square miles

Gage Datum: 983.96 ft MSL

Data represent all historical events.
Chemung Basin

County of Gage: Tioga
County of Forecast Point: Tioga

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								