

Historical Floods: Susquehanna River at Wilkes-Barre, PA

Latitude: 41.253
Flood Stage: 22

Period of Record: 1786-Present
Last Flood: 8/15/2018

Longitude: -75.879
Number of Floods: 97

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/5/1786	-9999	189,000	Missing	C1	2/17/1908	23.5	130,000	Minor	none
4/23/1804	-9999	-9,999	Missing	C1	5/2/1909	23	125,000	Minor	none
4/1/1807	-9999	202,000	Missing	C1 C9	3/3/1910	26.1	157,000	Moderate	none
7/1/1809	-9999	95,200	Missing	C1 C9	3/31/1912	22	115,000	Minor	none
5/14/1833	-9999	176,000	Missing	C1	4/3/1912	23.2	127,000	Minor	none
3/18/1865	33.1	232,000	Major	C1	3/28/1913	28.5	184,000	Moderate	none
1/24/1891	26.8	164,000	Moderate	C1	3/29/1914	28.3	182,000	Moderate	none
2/19/1891	23.5	130,000	Minor	C1	2/26/1915	23.3	127,000	Minor	none
2/27/1891	23	125,000	Minor	C1	7/10/1915	22.6	120,000	Minor	none
5/5/1893	22.02	115,000	Minor	C1	4/2/1916	26.5	160,000	Moderate	none
4/1/1896	24	135,000	Moderate	C1	3/15/1918	23	124,000	Minor	none
1/7/1899	25	-9,999	Moderate	C1 C7	3/13/1920	26	155,000	Moderate	none
11/28/1900	22	115,000	Minor	none	11/29/1921	22.3	117,000	Minor	none
12/15/1901	27	166,000	Moderate	none	4/8/1924	23.5	129,000	Minor	none
3/2/1902	31.4	213,000	Major	none	2/13/1925	25.1	145,000	Moderate	none
3/25/1903	22.4	119,000	Minor	none	11/17/1926	22.7	121,000	Minor	none
2/10/1904	25.7	152,000	Moderate	none	10/20/1927	24.7	141,000	Moderate	none
3/9/1904	30.6	204,000	Major	none	3/17/1929	23.1	125,000	Minor	none
3/27/1904	22.9	124,000	Minor	none	4/22/1929	26.4	159,000	Moderate	none
3/26/1905	23.4	129,000	Minor	none	7/10/1935	25.39	151,000	Moderate	none

Drainage Area: 9960 square miles
Gage Datum: 510.86 ft MSL

Data represent all historical events.
Main Stem Susquehanna Basin

County of Gage: Luzerne
County of Forecast Point: Luzerne

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/13/1936	28.6	184,000	Moderate	none	3/3/1972	22.77	131,000	Minor	none
3/20/1936	33.07	232,000	Major	none	6/24/1972	40.91	345,000	Major	none
2/22/1939	23.8	137,000	Minor	none	2/26/1975	26.26	163,000	Moderate	none
4/1/1940	31.53	212,000	Major	none	9/27/1975	35.06	228,000	Major	none
4/7/1941	23.5	138,000	Minor	none	3/7/1979	31.02	192,000	Major	none
1/1/1943	29.37	191,000	Moderate	none	4/16/1983	23.86	138,000	Minor	F2
5/29/1946	32.01	210,000	Major	none	12/14/1983	29.76	192,000	Moderate	F2
4/7/1947	24.88	151,000	Moderate	none	2/16/1984	29.01	186,000	Moderate	F2
3/23/1948	28.76	193,000	Moderate	none	4/6/1984	29.63	191,000	Moderate	F2
3/30/1950	27.04	172,000	Moderate	none	3/16/1986	27.36	172,000	Moderate	F2
4/1/1951	22.72	128,000	Minor	none	10/25/1990	22.69	134,000	Minor	F2
3/13/1952	22.39	124,000	Minor	none	4/2/1993	29.87	185,000	Moderate	F2
10/16/1955	26.45	166,000	Moderate	none	4/12/1993	28.62	179,000	Moderate	F2
3/9/1956	28.17	186,000	Moderate	none	3/26/1994	24.16	148,000	Moderate	F2
4/6/1956	22.5	126,000	Minor	none	1/20/1996	34.45	221,000	Major	F2
4/8/1958	26.8	170,000	Moderate	none	11/10/1996	23.57	128,000	Minor	F2
4/2/1960	29.6	184,000	Moderate	none	12/3/1996	23.41	127,000	Minor	F2
2/27/1961	26.2	163,000	Moderate	none	1/9/1998	24.79	138,000	Moderate	F2
4/26/1961	24.74	148,000	Moderate	none	2/29/2000	23.66	129,000	Minor	F2
4/2/1962	22.84	128,000	Minor	none	3/22/2003	22.84	122,000	Minor	F2
3/28/1963	22.26	131,000	Minor	none	9/19/2004	34.96	227,000	Major	F2
3/7/1964	28.87	180,000	Moderate	none	1/15/2005	24.74	137,000	Moderate	F2
3/10/1964	30.74	188,000	Major	C7 F1	3/29/2005	26.05	148,000	Moderate	F2

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Main Stem Susquehanna Basin

County of Gage: Luzerne
County of Forecast Point: Luzerne

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
4/4/2005	30.88	189,000	Major	F2					
6/28/2006	34.14	218,000	Major	F2					
3/16/2007	22.96	123,000	Minor	F2					
3/5/2008	22.01	115,000	Minor	F2					
1/27/2010	22.83	122,000	Minor	F2					
3/11/2011	27.55	161,000	Moderate	F2					
4/29/2011	27.29	159,000	Minor	F2					
9/9/2011	42.66	310,000	Major	F2					
1/24/2018	22.83	-9,999	Minor	C2 F2					
1/25/2018	27.4	-9,999	Minor	C2 F2					
8/15/2018	28.77	180,000	Moderate	none					

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County of Gage: Luzerne
County of Forecast Point: Luzerne

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								