Historical Floods: West Branch Delaware River at Hale Eddy, NY

Latitude: 42.003 | Period of Record: 1903-Present | Longitude: -75.384

Flood Stage: 11 | Last Flood: 9/8/2011 | Number of Floods: 67

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
10/10/1903	20.3	46,000	Major	C1 C3 F1	3/18/1936	14.22	25,900	Moderate	C1
3/27/1913	15.3	25,000	Major	C1	1/25/1938	11.81	15,900	Minor	C1
3/28/1914	14.6	21,300	Moderate	C1	8/11/1938	13.75	19,600	Moderate	C1
7/8/1915	13.9	20,000	Moderate	C1	9/22/1938	15.59	25,600	Major	C1
4/2/1916	12.6	17,400	Minor	C1	2/20/1939	12	14,300	Minor	C1
10/30/1917	-9999	18,300	Missing	C1	3/31/1940	14.97	23,400	Moderate	C1
3/13/1920	13	18,100	Moderate	C1	4/9/1940	11.74	13,700	Minor	C1
11/29/1921	13.3	19,000	Moderate	C1	3/9/1942	11.4	12,800	Minor	C1
9/30/1924	15.8	26,500	Major	C1	5/23/1942	14.52	21,900	Moderate	C1
2/12/1925	14.3	22,000	Moderate	C1	12/30/1942	14.95	23,300	Moderate	C1
11/17/1926	12.5	16,600	Minor	C1	2/24/1943	11.08	12,100	Minor	C1
10/19/1927	11.6	14,000	Minor	C1	3/17/1944	11.94	14,200	Minor	C1
3/15/1929	12.9	17,800	Minor	C1	4/6/1947	11.11	12,800	Minor	C1
4/21/1929	12.2	17,300	Minor	C1	3/17/1948	12.47	16,500	Minor	C1
10/6/1932	11.37	14,600	Minor	C1	3/20/1948	11.77	14,400	Minor	C1
8/24/1933	12.31	16,000	Minor	C1	3/22/1948	15.69	28,900	Major	C1
3/5/1934	11.43	13,000	Minor	C1 C5	12/31/1948	12.32	16,000	Minor	C1
7/8/1935	12.62	19,000	Minor	C1	3/28/1950	12.14	15,500	Minor	C1
11/13/1935	13.1	20,900	Moderate	C1	4/5/1950	11.22	13,000	Minor	C1
3/12/1936	13.97	24,600	Moderate	C1	11/26/1950	11	12,600	Minor	C1

Drainage Area: 595 square miles

Gage Datum: 946.46 ft MSL

Data represent all historical events.
Main Stem Delaware Basin

County of Gage: Delaware

County of Forecast Point: Delaware

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Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
12/4/1950	13.39	19,500	Moderate	C1
3/31/1951	11.29	13,200	Minor	C1
12/11/1952	12.51	16,600	Minor	C1
8/19/1955	12.67	16,000	Minor	C1
3/8/1956	11.41	12,800	Minor	C1
4/5/1956	12.42	15,300	Minor	C1
4/7/1958	11.92	14,100	Minor	C1
1/22/1959	13.96	20,100	Moderate	C1
11/28/1959	12.67	16,000	Minor	C1
2/12/1960	11.02	11,700	Minor	C1
3/31/1960	12.7	16,000	Minor	C1
4/4/1960	13.42	18,200	Moderate	C1
2/26/1961	13.14	17,300	Moderate	C1
4/1/1962	11.98	14,200	Minor	C1
3/27/1963	11.19	12,300	Minor	C1
6/30/1973	11.57	13,200	Minor	F2
10/19/1975	11.04	11,900	Minor	F2
3/14/1977	11.96	14,200	Minor	F2
3/6/1979	12.21	14,800	Minor	F2
3/15/1986	13.63	18,700	Moderate	F2
4/1/1993	11.62	13,300	Minor	F2
1/19/1996	11.51	13,200	Minor	F2
3/22/2003	11.1	12,000	Minor	F1 F2
9/18/2004	12.83	17,500	Minor	F2
4/3/2005	14.12	21,500	Moderate	F2
6/28/2006	19.1	43,400	Major	F2
9/8/2011	14.71	22,600	Moderate	F2

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County of Gage: Delaware
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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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