Historical Floods: Schuylkill River at Philadelphia, PA

Latitude: 39.968 | Period of Record: 1769-Present | Longitude: -75.189

Flood Stage: 11 | Last Flood: 7/12/2019 | Number of Floods: 66

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
9/8/1769	-9999	-9,999	Missing	C1	9/19/1945	11.92	54,400	Minor	none
9/3/1775	-9999	-9,999	Missing	C1	6/2/1946	14.57	94,600	Moderate	none
10/13/1846	-9999	-9,999	Missing	C1	12/30/1948	12	54,400	Minor	none
10/4/1869	17	135,000	Major	C1 F1	11/25/1950	14.32	89,800	Moderate	none
10/24/1878	-9999	-9,999	Missing	C1	4/28/1952	11.92	53,000	Minor	none
9/24/1882	-9999	-9,999	Missing	C1	11/22/1952	12.41	60,300	Minor	none
3/1/1902	14.8	98,000	Moderate	C1 F1	12/11/1952	11.7	50,200	Minor	none
8/24/1933	14.7	96,200	Moderate	none	8/13/1955	11.25	44,200	Minor	none
9/30/1934	11.3	44,800	Minor	none	8/19/1955	14.32	90,100	Moderate	none
7/9/1935	14.1	82,000	Moderate	none	9/12/1960	11.58	51,200	Minor	none
1/3/1936	11.7	49,600	Minor	none	3/7/1967	11.31	47,500	Minor	none
3/12/1936	11.62	48,400	Minor	none	4/2/1970	11.11	45,100	Minor	F2
2/3/1939	11.08	42,400	Minor	none	8/28/1971	11.26	43,900	Minor	F2
3/4/1940	11.23	43,600	Minor	none	9/13/1971	13.28	70,300	Moderate	F2
3/15/1940	11.72	49,600	Minor	none	6/23/1972	14.65	103,000	Moderate	F2
5/24/1942	12.44	61,400	Minor	none	6/29/1973	11.43	50,700	Minor	F2
8/9/1942	13.1	71,500	Moderate	none	12/21/1973	11.47	51,300	Minor	F2
12/30/1942	11.36	47,800	Minor	none	1/28/1976	12.13	61,000	Minor	F2
11/9/1943	11.19	45,200	Minor	none	1/26/1978	12.33	64,000	Minor	F2
1/1/1945	11.06	43,900	Minor	none	1/25/1979	12.97	74,100	Minor	F2

Drainage Area: 1893 square miles

Gage Datum: 5.74 ft MSL

Data represent all historical events.
Schuylkill Basin

County of Gage: Philadelphia

County of Forecast Point: Philadelphia

Created on 1/21/2020 at 11:32:43 AM

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
2/26/1979	11.54	52,300	Minor	F2
4/16/1983	11.42	50,400	Minor	F2
12/13/1983	11.06	45,500	Minor	F2
5/30/1984	11.42	50,400	Minor	F2
7/7/1984	12.31	63,400	Minor	F2
12/5/1993	12.41	62,000	Minor	F2
3/9/1995	11.23	45,100	Minor	F2
1/19/1996	13.36	79,000	Moderate	F2
10/19/1996	11.86	54,000	Minor	F2
12/14/1996	11.39	47,200	Minor	F2
9/17/1999	14.1	92,500	Moderate	F2
3/22/2000	11.04	42,700	Minor	F2
6/21/2003	11.43	52,500	Minor	F2
9/18/2004	11.33	51,100	Minor	F2
9/29/2004	11.86	58,500	Minor	F2
4/3/2005	11.74	56,800	Minor	F2
10/9/2005	12.07	61,500	Minor	F2
6/28/2006	12.51	68,100	Minor	F2
4/15/2007	11.34	51,200	Minor	F2
10/1/2010	13.05	76,300	Moderate	F2
3/11/2011	11.03	47,100	Minor	F2
8/28/2011	13.56	83,900	Moderate	F2
9/7/2011	12.01	60,600	Minor	F2
9/8/2011	12.52	68,200	Minor	F2
5/1/2014	13.91	88,300	Moderate	F2
7/12/2019	11.58	50,700	Minor	none

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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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