

Historical Floods: Neshaminy Creek near Langhorne, PA

Latitude: 40.174
Flood Stage: 9

Period of Record: 1933-Present
Last Flood: 7/12/2019

Longitude: -74.957
Number of Floods: 170

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/23/1933	17.3	30,000	Major	C1	8/9/1942	9.49	8,160	Minor	none
2/15/1935	11.8	-9,999	Moderate	none	12/30/1942	9.27	7,780	Minor	none
1/3/1936	12.53	14,800	Major	none	1/4/1944	9.88	8,950	Minor	none
1/9/1936	10.88	11,100	Moderate	none	3/13/1944	10.12	9,360	Moderate	none
3/12/1936	11	11,300	Moderate	none	4/25/1944	9.16	7,590	Minor	none
3/18/1936	10.24	9,570	Moderate	none	11/28/1944	9	7,230	Minor	none
12/20/1936	9.09	7,410	Minor	none	1/2/1945	10.2	9,570	Moderate	none
11/13/1937	10.26	9,780	Moderate	none	7/19/1945	10.28	9,780	Moderate	none
7/23/1938	15.94	24,800	Major	none	11/29/1945	9.37	7,970	Minor	none
9/21/1938	13.34	17,100	Major	none	6/2/1946	14.54	20,500	Major	none
12/6/1938	10.14	9,360	Moderate	none	7/24/1946	10.48	10,200	Moderate	none
1/30/1939	9.98	9,150	Minor	none	12/30/1948	11.77	13,200	Moderate	none
2/4/1939	11.25	11,800	Moderate	none	8/3/1950	10.03	9,430	Moderate	none
4/7/1939	10.41	9,990	Moderate	none	11/26/1950	14.92	21,700	Major	none
2/20/1940	11.12	-9,999	Moderate	none	12/21/1951	11.73	13,000	Moderate	none
3/4/1940	11.12	11,600	Moderate	none	3/11/1952	10.6	10,600	Moderate	none
3/15/1940	11.45	12,200	Moderate	none	4/28/1952	10.76	11,000	Moderate	none
4/9/1940	10.72	10,600	Moderate	none	11/22/1952	9.59	8,690	Minor	none
4/20/1940	9.58	8,350	Minor	none	1/24/1953	9.27	8,160	Minor	none
7/30/1941	9.52	8,160	Minor	none	8/13/1955	13.55	17,300	Major	none

Drainage Area: 210 square miles
Gage Datum: 40.57 ft MSL

Data represent all historical events.
Neshaminy Basin

County of Gage: Bucks
County of Forecast Point: Bucks

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code	Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
8/19/1955	22.84	49,300	Major	none	2/8/1971	9.83	9,440	Minor	none
10/15/1955	9.96	9,430	Minor	none	2/14/1971	10.94	11,700	Moderate	none
12/21/1957	9.05	7,650	Minor	none	8/28/1971	14.8	21,200	Major	none
2/28/1958	11.13	11,700	Moderate	none	9/14/1971	14.32	19,900	Major	none
4/7/1958	9.09	7,820	Minor	none	10/10/1971	9.67	8,150	Minor	none
9/13/1960	14.36	19,400	Major	none	6/22/1972	9.95	8,600	Minor	none
1/1/1961	9.79	9,050	Minor	none	7/13/1972	9.66	8,140	Minor	none
4/13/1961	9.26	8,160	Minor	none	11/9/1972	15.01	19,800	Major	none
7/29/1961	9.89	9,240	Minor	none	11/11/1972	10.5	9,450	Moderate	none
1/7/1962	9.82	9,050	Minor	none	1/29/1973	9.08	7,280	Minor	none
2/26/1962	9.82	9,050	Minor	none	2/3/1973	10.98	10,500	Moderate	none
3/12/1962	10.79	11,000	Moderate	none	6/30/1973	18.99	33,000	Major	none
3/6/1963	9.1	7,820	Minor	none	8/2/1973	11.3	11,100	Moderate	none
1/10/1964	10.64	10,700	Moderate	none	12/21/1973	13.36	15,700	Major	none
2/8/1965	10.03	9,840	Moderate	none	12/27/1973	10.26	9,150	Moderate	none
2/13/1966	11	11,800	Moderate	none	8/2/1974	9.76	8,300	Minor	none
3/7/1967	13.02	16,600	Major	none	12/16/1974	9.84	8,420	Minor	none
1/14/1968	9.31	8,450	Minor	none	3/20/1975	11.3	11,100	Moderate	none
5/29/1968	9.45	8,720	Minor	none	7/13/1975	12.75	14,200	Major	none
7/29/1969	10.6	11,000	Moderate	none	4/5/1977	9.06	7,210	Minor	none
8/5/1969	9.56	8,920	Minor	none	12/18/1977	9.81	8,380	Minor	none
12/11/1969	9.48	8,770	Minor	none	12/21/1977	9.27	7,520	Minor	none
4/2/1970	10.8	11,400	Moderate	none	1/26/1978	13.05	14,900	Major	none

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County of Forecast Point: Bucks

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1/8/1979	9.04	7,180	Minor	none	1/19/1996	14.99	17,300	Major	none
1/21/1979	11.84	12,200	Moderate	none	1/27/1996	10.25	7,950	Moderate	none
1/25/1979	13.64	16,400	Major	none	6/12/1996	12.3	11,400	Major	none
2/25/1979	11.11	10,700	Moderate	none	10/19/1996	15.86	19,600	Major	none
2/26/1979	12.06	12,600	Major	none	4/2/1998	9.75	7,230	Minor	none
9/22/1979	10.11	8,880	Moderate	none	3/22/1999	10.38	8,100	Moderate	none
5/12/1981	9.51	7,900	Minor	none	9/17/1999	21.91	44,400	Major	none
1/4/1982	10.27	9,170	Moderate	none	7/30/2000	11.89	10,600	Moderate	none
2/3/1982	9.55	9,510	Minor	none	12/17/2000	9.93	7,480	Minor	none
3/3/1982	9.55	8,050	Minor	none	6/17/2001	16.87	22,600	Major	none
4/10/1983	9.38	7,790	Minor	none	2/23/2003	9.48	7,380	Minor	none
4/5/1984	10.93	10,300	Moderate	none	6/4/2003	9.19	6,560	Minor	none
9/27/1985	11.66	11,600	Moderate	none	10/29/2003	9.31	6,700	Minor	none
1/26/1986	9.55	8,130	Minor	none	11/20/2003	9	6,330	Minor	none
7/2/1987	11.4	11,100	Moderate	none	12/11/2003	14.04	14,900	Major	none
9/21/1988	9.51	8,070	Minor	none	2/6/2004	9.76	7,270	Minor	none
5/30/1989	11.53	11,400	Moderate	none	9/29/2004	15.21	19,900	Major	none
5/30/1990	10.02	8,830	Moderate	none	1/14/2005	9.82	7,820	Minor	none
6/6/1992	11.86	13,600	Moderate	none	4/3/2005	12.87	14,000	Major	none
8/17/1993	14.34	16,800	Major	none	10/9/2005	11.74	11,500	Moderate	none
1/28/1994	13.63	15,200	Major	none	12/16/2005	9.35	7,300	Minor	none
3/9/1995	9.09	6,320	Minor	F2	6/28/2006	13.87	16,300	Major	none
11/12/1995	9.97	7,400	Minor	none	7/22/2006	9.1	6,930	Minor	none

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9/2/2006	10.97	9,940	Moderate	none	9/6/2011	10.27	8,390	Moderate	none
11/8/2006	11.37	10,700	Moderate	none	9/7/2011	10.7	8,950	Moderate	none
3/2/2007	9.46	7,470	Minor	none	9/8/2011	18.09	20,400	Major	none
4/16/2007	14.68	18,400	Major	none	11/23/2011	9.49	7,390	Minor	none
4/27/2007	11.96	11,900	Moderate	none	12/8/2011	10.64	8,870	Moderate	none
10/27/2007	9.49	7,510	Minor	none	12/21/2012	10.09	8,150	Moderate	none
2/13/2008	9.93	8,200	Minor	none	6/8/2013	11.59	10,200	Moderate	none
3/8/2008	10.28	8,760	Moderate	none	6/11/2013	9.6	7,530	Minor	none
6/5/2008	9.57	7,640	Minor	none	5/1/2014	14.64	14,700	Major	none
12/13/2008	10.86	-9,999	Moderate	none	2/11/2018	9.25	7,090	Minor	none
6/14/2009	11.9	11,800	Moderate	none	4/16/2018	10.29	8,410	Moderate	none
8/2/2009	12.16	12,400	Major	none	5/27/2018	10.17	8,260	Moderate	none
10/25/2009	9	6,780	Minor	none	11/25/2018	11.92	10,600	Minor	none
12/9/2009	10.07	8,420	Moderate	none	5/30/2019	11	9,360	Minor	none
12/27/2009	-9999	-9,999	Missing	none	7/12/2019	9.22	7,050	Minor	none
1/25/2010	10.45	9,040	Moderate	none					
3/14/2010	12.85	13,900	Major	none					
3/30/2010	9.28	7,190	Minor	none					
10/1/2010	10.48	9,090	Moderate	none					
3/7/2011	9.71	7,850	Minor	none					
3/11/2011	9.51	7,540	Minor	none					
4/17/2011	12.13	12,300	Major	none					
8/28/2011	19.56	23,100	Major	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								