

**The Total Number of Floods
Susquehanna River at Vestal, NY
Period of Record 1937 to Present**

**Lat = 42 05 27
Flood Stage = 18 ft**

**Lon = 76 03 23
Floods = 80**

Date	Crest (ft)	Flow (cfs)	Codes	Date	Crest (ft)	Flow (cfs)	Codes	Date	Crest (ft)	Flow (cfs)	Codes
7/8/1935	25.25	77,000	***	4/1/1960	23.45	67,600	none	2/28/2000	23.62	64,500	none
3/0/1936	30.50	107,000	***	4/5/1960	23.20	66,300	none	4/5/2000	19.77	46,300	none
9/23/1938	19.14	47,600	none	2/26/1961	24.09	70,800	none	4/10/2001	19.49	45,100	none
2/21/1939	21.34	56,200	none	4/25/1961	20.20	51,900	none	3/23/2003	21.01	51,800	none
4/1/1940	26.58	85,500	none	4/1/1962	21.74	59,100	none	3/7/2004	18.26	40,055	none
4/9/1940	23.81	70,000	none	3/28/1963	22.46	62,600	none	9/18/2004	25.94	77,600	none
4/22/1940	18.18	44,100	none	3/6/1964	25.79	79,200	none	1/14/2005	20.11	missing	none
4/7/1941	20.29	53,400	none	3/10/1964	25.13	72,600	none	3/29/2005	20.51	missing	none
3/18/1942	18.14	43,900	none	3/23/1968	18.18	43,200	none	4/3/2005	29.14	97,000	none
12/31/1942	27.41	90,500	none	1/31/1969	18.61	45,000	none	1/19/2006	18.42	40,700	none
3/18/1943	21.81	63,000	none	4/3/1970	18.48	44,500	none	6/29/2006	33.66	119,000	none
3/18/1944	19.90	53,900	none	6/23/1972	22.35	50,400	none	11/17/2006	21.67	55,900	none
3/18/1945	19.13	50,400	none	11/9/1972	19.79	46,400	none	3/16/2007	19.91	missing	none
3/22/1945	19.09	50,200	none	12/28/1973	18.24	40,000	none	3/28/2007	18.33	40,336	none
3/9/1946	20.30	54,700	none	9/26/1975	23.09	61,500	none	2/7/2008	19.11	missing	none
5/28/1946	19.96	53,100	none	2/19/1976	19.43	44,900	none	3/5/2008	18.59	missing	none
3/25/1947	18.03	45,600	none	3/14/1977	22.68	59,600	none	3/9/2008	21.01	missing	none
4/6/1947	20.77	58,400	none	4/5/1978	21.13	54,200	none	3/9/2009	18.52	missing	none
3/17/1948	19.77	52,200	none	3/6/1979	26.62	81,700	none	Codes or Remarks			
3/22/1948	27.73	92,400	none	3/22/1980	18.26	44,000	none	*** The Vestal gage was established on			
12/31/1948	18.54	46,800	none	2/21/1981	19.43	48,700	none	3/3/1937. Crest information before this			
3/30/1950	20.87	57,300	none	4/16/1983	20.51	53,000	none	looks unreliable and incomplete and was			
4/5/1950	21.29	59,300	none	12/14/1983	27.03	84,200	none	not used in our flood frequency study.			
12/5/1950	20.27	54,500	none	3/15/1986	25.11	73,100	none	<u>Peak Streamflow Codes:</u>			
3/12/1952	18.37	46,000	none	11/27/1986	18.46	44,800	none	(E) = Estimated.			
10/16/1955	18.49	46,500	none	10/24/1990	21.07	52,000	none	<u>Crest Height Codes:</u>			
3/8/1956	22.74	64,000	none	4/11/1993	26.25	79,400	none	(1) = Backwater Effect.			
4/6/1956	22.72	63,900	none	4/7/1994	19.39	44,700	none				
4/8/1958	22.80	64,300	none	1/20/1996	27.86	89,100	(E) (1)				
1/22/1959	20.59	53,700	none	12/2/1996	22.51	58,800	none				
11/29/1959	19.21	47,500	none	1/9/1998	21.56	54,300	none				
2/12/1960	18.53	44,700	none	1/25/1999	21.27	52,900	none				

**Drainage Area = 3,941 sq mi
Gage Datum = 799.19 ft MSL**

**Susquehanna Basin (North branch)
Broome County**