

**The Total Number of Floods
Toughnioga River at Cortland, NY
Period of Record 1963 to Present**

**Lat = 42 36 10
Flood Stage = 8 ft**

**Lon =76 09 35
Floods = 61**

Date	Crest (ft)	Flow (cfs)	Codes	Date	Crest (ft)	Flow (cfs)	Codes	Date	Crest (ft)	Flow (cfs)	Codes
2/21/1939	10.45	4,290	***	2/26/1961	13.00	8,770	***	4/1/1993	9.86	6,400	none
4/1/1940	10.97	5,210	***	4/1/1962	9.66	3,789	***	4/11/1993	12.25	10,400	none
4/5/1940	11.58	6,120	***	3/27/1963	10.34	5,640	***	4/17/1993	8.90	5,050	none
4/9/1940	13.33	9,660	***	3/5/1964	12.49	13,000	(6)	4/14/1994	9.61	5,910	none
4/6/1941	12.49	7,880	***	3/24/1968	8.62	4,900	none	4/17/1994	10.00	6,490	none
3/9/1942	10.88	5,330	***	4/6/1969	8.42	4,660	none	1/20/1996	13.02	11,800	none
3/17/1942	11.32	5,950	***	4/3/1970	8.61	4,940	none	11/9/1996	10.12	6,670	none
12/31/1942	13.56	9,920	***	4/10/1970	8.95	5,340	none	12/2/1996	10.45	7,190	none
3/17/1943	12.73	8,410	***	4/14/1971	9.33	5,820	none	1/8/1998	10.32	6,990	none
3/17/1944	11.22	5,960	***	4/14/1972	8.19	4,480	none	1/24/1999	9.78	6,160	none
3/17/1945	12.28	7,100	***	4/18/1972	8.26	4,560	none	2/28/2000	10.96	8,030	none
3/22/1945	9.01	6,660	***	6/23/1972	10.47	7,730	none	5/14/2000	10.14	6,700	none
3/8/1946	10.62	4,760	***	12/7/1972	8.69	5,030	none	4/9/2001	10.58	7,400	none
3/25/1947	10.97	5,200	***	4/5/1974	11.11	9,100	none	6/24/2001	8.91	4,930	none
4/7/1947	12.16	6,900	***	2/25/1975	9.94	6,750	none	3/21/2003	9.33	5,510	none
6/3/1947	11.11	5,380	***	9/26/1975	8.88	5,260	none	12/12/2003	8.47	4,350	none
3/17/1948	10.67	4,820	***	2/19/1976	8.58	4,910	none	3/6/2004	9.19	5,310	none
3/20/1948	12.73	7,910	***	4/16/1976	9.30	5,660	none	3/28/2004	8.61	4,530	none
3/22/1948	12.40	7,300	***	10/10/1976	9.16	5,440	none	1/15/2005	8.49	4,370	none
1/6/1949	9.08	3,070	***	3/14/1977	12.12	11,800	none	4/3/2005	14.07	14,200	none
3/29/1950	11.79	6,320	***	3/30/1977	8.58	4,590	none	6/28/2006	10.95	7,620	none
4/5/1950	13.82	10,000	***	9/21/1977	9.53	6,030	none	11/17/2006	8.31	4,140	none
12/4/1950	missing	4,400	***	10/18/1977	9.66	6,250	none	3/16/2007	9.85	5,930	none
3/31/1951	11.97	6,600	***	4/2/1978	9.14	5,410	none	3/27/2007	9.54	5,810	none
3/12/1952	9.33	3,320	***	4/5/1978	8.93	5,100	none	2/7/2008	8.54	4,210	none
2/22/1953	9.40	3,390	***	1/2/1979	8.76	4,860	none	3/9/2008	8.19	3,840	none
2/18/1954	9.43	3,420	***	3/6/1979	12.42	12,800	none	3/10/2009	8.95	4,710	none
3/2/1955	10.93	4,940	***	3/22/1980	10.45	7,730	none	Codes or Remarks *** Crest information before 9/30/1963 was recorded at a different datum. These crests are not compatible with present datum and were not used in flood frequency study. <u>Peak Streamflow Codes:</u> (2) = 13.32 ft occurred 02/21/1939 but only counted as one flood. (6) = Gage datum changed during this year. <u>Crest Height Codes:</u> None			
3/12/1955	12.77	7,670	***	2/21/1981	9.45	5,920	none				
4/5/1956	13.54	10,000	***	10/28/1981	12.50	11,200	none				
3/8/1956	11.16	5,420	***	4/25/1983	8.22	4,170	none				
1/23/1957	11.03	5,240	***	12/14/1983	10.49	7,810	none				
4/7/1958	11.66	6,170	***	2/15/1984	11.05	8,530	none				
1/22/1959	11.71	6,250	***	4/6/1984	9.40	5,830	none				
4/3/1959	12.19	7,050	***	3/15/1986	11.01	8,900	none				
2/11/1960	11.37	5,720	***	3/26/1988	9.28	5,640	none				
3/31/1960	13.52	9,980	***	2/17/1990	8.30	4,270	none				

**Drainage Area = 292 sq mi
Gage Datum = 1,084.92 ft MSL**

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