

Tioughnoiga River at Cortland, New York

Latitude:	Longitude:	Gauge Elevation:	Drainage Area:	County of Gage:	County of Town:	Weather Office:
42°36'10" or 42.602778° N	76°09'34" or 76.159722° W	1084.92 feet	292 mi ²	Cortland, NY	Cortland, NY	Binghamton
Major Basin:	Sub Basin:	Minor Sub Basin:		Minor:	Moderate:	Major:
Susquehanna	North Branch Susquehanna	North Branch Susquehanna		8.00	10.00	12.50

Period of Record (used in flood frequency)	Outside Period of Record (not used in flood frequency)
10/1/1963 to Present	2/21/1939 to 9/30/1963

Feet	Flood Impacts
14.07	Record flood of April 2005. Widespread inundation and major flood damage occurred along the river from Cortland to Marathon.
13.02	Severe flooding occurs in areas from the City of Cortland to Marathon with 3-4 feet of water covering many city streets in Cortland. Residents in the Kennedy Parkway area are cutoff by floodwaters. This is the level of the January 1996 rain and snow melt flood.
12.50	Major flood stage. Severe flooding occurs in the Village of Marathon with 4-6 feet of water covering most of the streets in town. Many homes and businesses are inundated to the first floor. Widespread basement flooding occurs in the City of Cortland along River Street and the Yaman Park area.
11.50	Widespread, serious flooding occurs in cellars and up to the first floor of homes and businesses in Marathon. Cellar flooding occurs on the east side of Cortland near Yaman Park. Kellogg Road is covered by water 3-6 feet deep in spots.
10.00	Moderate flood stage. Some flooding begins to affect roads and basements in the Village of Marathon and the Yaman Park area of Cortland.
8.00	Minor flood stage. Flooding leads to some closures along Kellogg Road to the south of Cortland.
7.00	The river spills it/s banks into the low lying flood plain. No impact occurs at this stage.

Gauge Stage Changes			
Start and End Date	Minor	Moderate	Major
Not available	Not available	Not available	Not available