

Chemung River at Elmira, New York

Latitude:	Longitude:	Gauge Elevation:	Drainage Area:	County of Gage:	County of Town:	Weather Office:
42°05'11" or 42.086389° N	76°48'04" or 76.801389° W	833.65 feet	2,162 mi ²	Chemung, NY	Chemung, NY	Binghamton
Major Basin:	Sub Basin:	Minor Sub Basin:		Minor:	Moderate:	Major:
Susquehanna	Chemung	Chemung		12.00	15.00	19.00
Period of Record (used in flood frequency)				Outside Period of Record (not used in flood frequency)		
10/19/1987 to Present				Elmira to 10/18/1987		
Feet	Flood Impacts					
25.46	Top of flood wall in Elmira, at 25.46 feet the highest point of the levees is reached. To be conservative 25.0 ft is used in flood warnings.					
25.00	Water overtops the Lake Street bridge. The city of Elmira is protected by levees up to 25 feet.					
23.00	North bank of Chemung river at Madison Avenue and Lake Street in Elmira will run over the top. Water enters Hickling Steam Station and pumps must be operated. The city is protected by levees up to 25 feet.					
20.00	In the City of Elmira, evacuations began during the flood of 1972 caused by remnants of Hurricane Agnes. The city is protected by levees to 25 feet.					
19.00	Major flooding begins. Homes on Morningside Drive and Country Club Drive have water on first floor. Flooding closes state route 225 and 352 near Fitch's Bridge. The city of Elmira is protected by levees up to 25 feet.					
15.00	The City of Elmira is protected to 25 feet by levees. Moderate flooding begins in area outside of the flood protection, such as areas in and around Big Flats.					
12.00	Minor flooding begins for areas without protective levees. Note: the City of Elmira is protected by levees to 25 feet.					
Gauge Stage Changes						
Start and End Date		Minor		Moderate		Major
Not available		Not available		Not available		Not available