

(North Branch) Susquehanna River at Vestal, New York

Latitude:	Longitude:	Gauge Elevation:	Drainage Area:	County of Gage:	County of Town:	Weather Office:
42°05'27" or 42.090833° N	76°03'22" or 76.056389° W	799.19 feet	3,941 mi ²	Broome, NY	Broome, NY	Binghamton
Major Basin:	Sub Basin:	Minor Sub Basin:		Minor:	Moderate:	Major:
Susquehanna	North Branch Susquehanna	North Branch Susquehanna		18.00	21.00	27.00
Period of Record (used in flood frequency)				Outside Period of Record (not used in flood frequency)		
3/3/1937 to Present				7/8/1935 to 3/2/1937		
Feet	Flood Impacts					
35.25	Flood of record. Widespread and catastrophic flood devastation in Johnson City, Westover, Endwell, Endicott, West Corners and Vestal extending into Tioga county. This was the flood crest of September 2011.					
33.65	Extensive and severe flooding in Vestal, Westover, West Corners, Johnson City and the Fairmont Park neighborhood of Endwell. This was the flood level of June 2006.					
30.50	Widespread flooding along George F. Highway from Hooper Road east to Johnson City. Flood waters approach Main Street in the Scarborough Drive and Chaumont Drive areas of Endwell. Flood waters overspread all low lying areas to the north of Route 434 including homes and businesses across from University Park Mall, and along old Vestal Road. Most of Route 17 and					
29.50	Flood waters inundate the entire Castle Gardens neighborhood including the senior living center. Parts of Route 17 and Route 434 begin to flood from Town of Vestal to near the Apalachin exit in Tioga county. This was the flood level of April 2005.					
28.00	Flood waters inundate parking lots in Town Square Mall, Old Vestal Road under the railroad bridge, Meadow Lane and the Binghamton-Johnson City sewage treatment plant. The Little Choconut Creek in Westover floods.					
27.00	Major flood stage. Flooding inundates residences in Castle Gardens on Crest Street. Flooding begins to affect Westview Drive, Garden Lane and both sides of North Road in Vestal. Flooding also affects Ormond Street, Ardmore and River Drive in West Corners, from Johnson City to Vestal. Flooding affects Poplar, Oak, Birch, Woodland and River Roads. This was the flood level					
26.60	Severe flood inundation affects areas from Argonne and Shady Drive to Verdun Avenue. Route 17C from Exit 69 to Harry L. Drive covered by flood waters. Major flooding occurs on Old Vestal Road from African Road to Sycamore. Castle Gardens Road at Route 17 floods. West end of River Road floods. This was the flood of March 1979.					
25.50	Residences and businesses on Kent, Verdun, Davis, and Fairmont Avenues, Shady, Chaumont and Scarborough Drive are inundated. Castle Gardens residences begin to flood at the end of Crest Street, River Street and North Road. This was the flood of April 1993.					
24.50	Flooding increases and starts to affect businesses near Old Vestal and African Roads. Flood waters approach Boland Drive in Johnson City.					
23.00	Flooding begins at the intersection of Old Vestal and African Roads.					
22.00	Moore Park in Vestal floods. Flooding to first floor level begins at the low ends of Davis Avenue, Shady Drive, Verdun Avenue and Fairmont in Endwell.					
21.00	Moderate flood stage.					
20.50	Cellars flood on Argonne Drive in Endwell.					
18.00	Flood stage. The river overflows banks and lowland flooding begins within the flood plain.					
Gauge Stage Changes						
Start and End Date		Minor		Moderate		Major
Not available		Not available		Not available		Not available