



Water-Data Report 2010

04213376 CANADAWAY CREEK AT FREDONIA, NY

Eastern Lake Erie Basin
Chautauqua-Conneaut Subbasin

LOCATION.--Lat 42°27'02", long 79°21'03" referenced to North American Datum of 1927, Chautauqua County, NY, Hydrologic Unit 04120101, at bridge on Van Buren Road (Matteson Street), 0.8 mi northwest of Fredonia corporate boundary, and 1.2 mi upstream from Beaver Creek.

DRAINAGE AREA.--32.9 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--1962-63, annual maximum only--1987 to current year.

GAGE.--Crest-stage partial-record station. Elevation of gage is 650 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 6,690 ft³/s, May 19, 1997, gage height, 9.50 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 7, 1979 reached an estimated discharge of 12,000 ft³/s, from U.S. Army Corps of Engineers (US Geological Survey WRI 83-4211), at site 1.7 mi upstream, drainage area, 30.6 mi²; flood of Aug. 1, 1986, reached an estimated discharge of 9,000 ft³/s.

MAXIMUM PEAK DISCHARGE WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 6, 2010	1,380	---	3.77	---