



Water-Data Report 2010

**01500500 SUSQUEHANNA RIVER AT UNADILLA, NY**

Upper Susquehanna Basin  
Upper Susquehanna Subbasin

LOCATION.--Lat 42°19'17", long 75°19'01" referenced to North American Datum of 1927, Otsego County, NY, Hydrologic Unit 02050101, on right bank 25 ft downstream from bridge on Bridge Street at Unadilla, 1.0 mi upstream from Carrs Creek, and 1.6 mi downstream from Ouleout Creek.

DRAINAGE AREA.--982 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Continuous record--June 1938 to March 1995, annual maximum only--1996 to current year.

REVISED RECORDS.--WSP 851: 1938 (M). WSP 2103: 1966 (M); Drainage area.

GAGE.--Water-stage recorder. Datum of gage is 997.25 ft above NGVD of 1929.

REMARKS.--Regulation at times by upstream lakes and reservoirs. Telephone and satellite gage-height telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft<sup>3</sup>/s, June 29, 2006, gage height, 17.72 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--The flood of Mar. 18, 1936, reached a stage of 16.6 ft, from flood marks, discharge, 31,300 ft<sup>3</sup>/s from publications of the Corps of Engineers, Baltimore District.

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Mar 24, 2010	13,900	5	11.29	---

Discharge qualification code:

5 - Discharge affected to unknown degree by regulation or diversion