



Water-Data Report 2006

**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. Satellite and telephone gage-height telemeters at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 35,100 ft<sup>3</sup>/s, Jun 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 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Jun 29, 2006	35,100	5	17.72	---

Discharge qualification code:

5 - Discharge affected to unknown degree by regulation or diversion