



Water-Data Report 2006

03013800 BALL CREEK AT STOW, NY

Allegheny Basin
Conewango Subbasin

LOCATION.--Lat 42°09'13", long 79°24'27" referenced to North American Datum of 1927, Chautauqua County, NY, Hydrologic Unit 05010002, on right bank 38 ft upstream from State Highway 394 bridge at Stow, 0.4 mi upstream from mouth.

DRAINAGE AREA.--9.58 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements--1955, 1957-1960, 1963-1964, 1967-1968, continuous record--October 1973 to September 1974, annual maximum only--1975 to current year.

GAGE.--Crest-stage partial-record station. Elevation of gage is 1,330 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,000 ft³/s, Sep 14, 1979, gage height 21.88 ft.

REVISIONS.--The date for the 2005 peak discharge is changed to Dec 23, 2004. Peak discharges for the 2004 and 2005 water year have been revised to 800 ft³/s, Sep 9, 2004, gage height, 17.07 ft, and 620 ft³/s, Dec 23, 2004, gage height, 14.83 ft, superseding figures published in reports for 2004 and 2005.

**MAXIMUM PEAK DISCHARGE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft ³ /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Mar 14, 2006	520	2	14.65	1

Discharge qualification code:

2 - Discharge is an estimate

Gage height qualification code:

1 - gage height affected by backwater