



Water-Data Report 2010

**01362100 ROELIFF JANSEN KILL NEAR HILLSDALE, NY**

Upper Hudson Basin  
Middle Hudson Subbasin

LOCATION.--Lat 42°09'14", long 73°31'14" referenced to North American Datum of 1927, Columbia County, NY, Hydrologic Unit 02020006, left bank, at bridge abutment on State Highway 22, 1.8 mi south of Hillsdale.

DRAINAGE AREA.--27.5 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Continuous record--1958-60, annual maximum only--1961 to current year.

GAGE.--Crest-stage partial-record station. Elevation of gage is 580 ft above NGVD of 1929, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 3,280 ft<sup>3</sup>/s, June 30, 1973, gage height, 9.78 ft.

**REVISIONS.**--Revised maximum discharges for water years 1997-2009 are given in the following table. These figures supersede those previously published.

**MAXIMUM PEAK DISCHARGE  
WATER YEARS OCTOBER 1997 TO SEPTEMBER 2009**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
Dec 2, 1996	624	R	3.89	---
Jun 16, 1998	404	R	3.18	---
Jan 24, 1999	857	R	4.54	---
Jul 16, 2000	1,960	R	7.16	---
Dec 17, 2000	921	R	4.71	---
May 14, 2002	169	R	2.12	---
Mar 22, 2003	783	R	4.35	---
Dec 24, 2003	1,050	R	5.05	---
Mar 29, 2005	1,050	R	5.00	---
Oct 9, 2005	1,370	R	5.82	5
Apr 16, 2007	1,730	R	6.64	---
Mar 8, 2008	1,460	R	6.04	---
Dec 12, 2008	1,730	R	6.64	---

Discharge qualification code:

R - Revised

Gage height qualification code:

5 - Gage height is an estimate

**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
Jan 26, 2010	772	---	4.31	---