



Water-Data Report 2007

01378550 VAN SAUN MILL BROOK AT ORADELL, NJ

HACKENSACK RIVER BASIN

LOCATION.--Lat 40°57'21", long 74°02'18" referenced to North American Datum of 1983, Oradell Borough, Bergen County, NJ, Hydrologic Unit 02030103, on the right bank, just downstream of culvert on Oradell Avenue (County Route 6) in Oradell, 3.3 mi west of Dumont, and 4.0 mi upstream of mouth.

DRAINAGE AREA.--0.37 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Water years 2001 to current year.

REVISED RECORDS.--WDR US-2007: 2001(M), 2002(M), 2003(M), 2004(M), 2005(M), 2006(M).

GAGE.--Crest-stage gage. Datum of gage is 70 ft above NAVD of 1988, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 158 ft³/s (previously not determined), Jun 17, 2001, gage height, 3.68 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 157 ft³/s, Aug 8, gage height, 3.67 ft.

REVISIONS.--Peak discharge for the annual maximum for the 2001-2006 water years have been determined (previously not determined) as shown in the following table. These values supersede the undetermined peak discharge published in their respective annual water data reports.

Water Year	Date	Gage Height (ft)	Discharge (ft ³ /s)
2001	Jun 17, 2001	3.68	158
2002	Jul 18, 2002	2.85	88
2003	Aug 4, 2003	2.92	94
2004	Sep 18, 2004	3.06	104
2005	Jul 18, 2005	3.27	121
2006	Jun 28, 2006	2.82	86

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Discharge, in ft ³ /s
Oct 28, 2006 at 1350 hrs	16.5
Oct 28, 2006 at 1410 hrs	11.9
Apr 12, 2007 at 1105 hrs	28.2
Apr 12, 2007 at 1125 hrs	20.2
Apr 12, 2007 at 1135 hrs	17.4
Apr 15, 2007	37.5