



Water-Data Report 2006

01409444 MUSKINGUM BROOK AT ORIENTAL, NJ

MULLICA RIVER BASIN

LOCATION.--Lat 39°49'05", long 74°44'16" referenced to North American Datum of 1983, Tabernacle Township, Burlington County, NJ, Hydrologic Unit 02040301, on right bank 100 ft downstream of bridge on Tuckerton Road, 0.6 mi west of Oriental, 1.1 mi east of Flyat, and 1.1 mi upstream of Indian Mills Lake.

DRAINAGE AREA.--2.97 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Miscellaneous measurements, water years 2004-06. Annual maximum, water years 2005-06.

GAGE.--Crest-stage gage. Datum of gage is 80 ft above NAVD of 1988, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 3.33 ft, Oct 14, 2005.

EXTREMES FOR CURRENT YEAR.--Maximum gage height, 3.33 ft, Oct 14.

**DISCHARGE MEASUREMENTS
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Date	Discharge, in ft³/s
Nov 14, 2005	2.72
Jan 4, 2006	14.2
Feb 21, 2006	4.70
Apr 13, 2006	3.09
Jun 7, 2006	3.22
Jul 17, 2006	2.12
Sep 19, 2006	3.72