



Water-Data Report 2007

01464525 THORTON CREEK AT BORDENTOWN, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°08'50", long 74°41'45" referenced to North American Datum of 1983, Bordentown Township, Burlington County, NJ, Hydrologic Unit 02040201, on right bank upstream side of abandoned dam, 50 ft upstream of Thorton Lane, 0.4 mi upstream of unnamed pond, 0.9 mi east of Bordentown, and 2.5 mi west of Crosswicks.

DRAINAGE AREA.--0.84 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1976-77. Annual maximum, water years 1995 to current year.

REVISED RECORDS.--WDR-US-2007: 1996 (M), 1997 (M), 2000 (M).

GAGE.--Crest-stage gage. Datum of gage is 50 ft above NAVD of 1988, from topographic map.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 310 ft³/s, Sep 16, 1999, gage height, 4.21 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 154 ft³/s, Apr 15, gage height, 2.74 ft.

REVISIONS.--Peak discharge for the annual maximum for the 1996, 1997 and 2000 water years have been revised as shown in the following table. These values supersede the maximum peak discharge published in their respective annual water data reports.

Water Year	Date	Gage Height (ft)	Discharge (ft ³ /s)
1996	Jun 23, 1996	3.66	246
1997	Oct 19, 1996	3.86	269
2000	Aug 4, 2000	2.12	101