



Water-Data Report 2010

## 01475033 PLANK RUN AT GLASSBORO, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°42'54", long 75°08'24" referenced to North American Datum of 1983, Harrison Township, Gloucester County, NJ, Hydrologic Unit 02040202, upstream right wingwall of culvert on U.S. Route 322 (Mullica Hill Road), 0.4 mi southeast of intersection with State Route 55, 0.6 mi west of Glassboro, and 0.8 mi upstream of Alcyon Lake.

DRAINAGE AREA.--0.71 mi<sup>2</sup>.

### SURFACE-WATER RECORDS

PERIOD OF RECORD.--Annual maximum, water years 1997-2010 (discontinued). Occasional low-flow measurements, water years 2002-06.

REVISED RECORDS.--WDR US-2010: 1999(M), 2003-2006(M), 2009(M).

GAGE.--Crest-stage gage. Datum of gage is 103.64 ft above NGVD of 1929, by levels.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 126 ft<sup>3</sup>/s, Jul 6, 2006, gage height, 3.59 ft.

EXTREMES OUTSIDE PERIOD OF RECORD.--Maximum discharge, 140 ft<sup>3</sup>/s, Oct 1, 2010, gage height, 3.74 ft.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum discharge, 66 ft<sup>3</sup>/s, Mar 13, gage height, 2.81 ft.

REVISIONS.--Peak discharge for the annual maximum for the 1999, 2003-2006, and 2009 water years have been revised as shown in the following table. These values supersede the peak flows published in their respective annual water data reports.

Water Year	Date	Gage Height, in ft	Discharge, in ft <sup>3</sup> /s
1999	Sep 16, 1999	2.60	60
2003	Sep 5, 2003	2.23	42
2004	Jul 6, 2004	3.57	125
2005	Apr 2, 2005	2.57	66
2006	Jul 6, 2006	3.59	126
2009	Sep 11, 2009	3.34	105

### DISCHARGE MEASUREMENTS WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Date	Discharge, in ft <sup>3</sup> /s
Mar 29, 2010	4.24