



Water-Data Report 2007

01460500 DELAWARE AND RARITAN CANAL AT KINGSTON, NJ

RARITAN RIVER BASIN

LOCATION.--Lat 40°22'25", long 74°37'06" referenced to North American Datum of 1983, South Brunswick Township, Middlesex County, NJ, Hydrologic Unit 02030105, at canal lock in Kingston, near dam at Carnegie Lake, 160 ft upstream from bridge on State Route 27.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record gaging station, water years 1961-91. Miscellaneous measurements, water years 1997, 2002-03, 2005-07.

GAGE.--Water-stage recorder. Datum of gage is 40.00 ft above NGVD of 1929.

REMARKS.--Satellite gage-height telemetry at station. The canal diverts water from the Delaware River at Raven Rock and discharges into Raritan River at New Brunswick. Some water may be released to the Millstone River 500 ft and 2.3 mi above station. A new gage was put into operation 6.3 mi upstream at Port Mercer on August 1, 1990 (see 01460440).

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

Date	Discharge, in ft³/s
Jul 20, 2007	141