



Water-Data Report 2010

## 01467004 NORTH BRANCH RANCOCAS CREEK AT SMITHVILLE, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 39°59'08", long 74°45'04" referenced to North American Datum of 1983, Eastampton Township, Burlington County, NJ, Hydrologic Unit 02040202, on left bank, downstream of bridge on River Street, in Smithville, 250 ft upstream of Smithville Dam at Smithville, 1.1 mi northwest of Ewansville, and 2.0 mi east of Mount Holly.

DRAINAGE AREA.--138 mi<sup>2</sup>.

### **SURFACE-WATER RECORDS**

PERIOD OF RECORD.--Water years 2007 to current year.

GAGE.--Crest-stage gage. Datum is 20 ft above NGVD of 1929.

EXTREMES FOR PERIOD OF RECORD.--Maximum gage height, 21.96 ft, Apr 17, 2007.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of September 1, 1940, reached a stage of about 26 ft, NGVD of 1929, according to Corps of Engineers "Flood Plain Report on Rancocas Creek, Burlington County, New Jersey," published April 1967.

PEAK DISCHARGES FOR CURRENT YEAR.--Maximum gage height, 21.26 ft, Mar 15.