

Water-Data Report 2011

403219074111101 Local number R 121.1

Northern Atlantic Coastal Plain aquifer system
Raritan Formation

Richmond County, NY

LOCATION.--Lat 40°32'18.8", long 74°11'11.4" referenced to North American Datum of 1983, Richmond County, NY, Hydrologic Unit 02030104, at northwest corner of North Railroad Street and Ida Court, southeast corner of playground, Huguenot, Staten Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 2 in; top of first opening 65 ft, bottom of last opening 70 ft.

DATUM.--Land-surface datum is 87.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft below land-surface datum.

PERIOD OF RECORD.--July 2004 to current year.

GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.61 ft above sea level, May 19, 2005; lowest measured, 27.00 ft above sea level, February 22, 2011.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 22	27.34	May 25	27.40
Nov 18	27.31	Jun 28	27.54
Dec 22	27.28	Jul 29	27.45
Feb 22	27.00	Aug 19	27.42
Apr 15	27.08	Sep 30	27.75

