

Water-Data Report 2011

403517073430610 Local number N 6701. 2

Northern Atlantic Coastal Plain aquifer system
Raritan Confining Unit

Nassau County, NY

LOCATION.--Lat 40°35'17.0", long 73°43'04.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in easternmost recorder shelter, Atlantic Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 837 ft. Upper casing diameter 4 in; top of first opening 822 ft, bottom of last opening 832 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.06 ft above land-surface datum.

PERIOD OF RECORD.--August 1959 to April 1988 and March 1991 to current year.

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

REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.18 ft above sea level, May 26, 2005; lowest measured, 2.57 ft below sea level, October 30, 1968.

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

Date	Water level	Date	Water level
Jul 21	9.44	Sep 30	9.77
Sep 1	9.55		

