



Water-Data Report 2011

404625073330701 Local number N 11458. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'25", long 73°33'07" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at east side of Cantiague Rock Road, 222 ft north of Laura Drive, Cantiague Park, Hicksville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 625 ft. Upper casing diameter 4 in; top of first opening 600 ft, bottom of last opening 620 ft.

DATUM.--Land-surface datum is 153.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

PERIOD OF RECORD.--February 1994 to March 1998 and July 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 84.48 ft above sea level, May 28, 2010; lowest measured, 73.32 ft above sea level, January 23, 1996.

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

Date	Water level	Date	Water level
Oct 21	83.50	Dec 20	82.94

