

Water-Data Report 2011

**404614073330504 Local number N 1195. 5**

Northern Atlantic Coastal Plain aquifer system  
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'14", long 73°33'05" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at east side of Cantiague Rock Road, 52 ft north of Barry Drive, Hicksville.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 116 ft. Upper casing diameter 4 in; top of first opening 111 ft, bottom of last opening 116 ft.

DATUM.--Land-surface datum is 148 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.20 ft above land-surface datum.

PERIOD OF RECORD.--September 1976 to August 1985, May 1987 to July 1987, March 1990 to March 1989, and June 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, 89.14 ft above sea level, May 24, 1979; lowest measured, 72.12 ft above sea level, January 22, 1996.

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

Date	Water level	Date	Water level
Oct 21	82.66	Feb 24	81.07
Nov 29	82.04	Jun 1	82.40
Dec 20	82.02		

