



Water-Data Report 2011

404741073381402 Local number N 11732. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'41.8", long 73°38'12.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Nassau County Recharge Basin #431, 89 ft north of Red Ground Road, and 206 ft east of Entrance Road, northeastern most well, East Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 448 ft. Upper casing diameter 4 in; top of first opening 423 ft, bottom of last opening 443 ft.

DATUM.--Land-surface datum is 224 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.64 ft below land-surface datum.

PERIOD OF RECORD.--September 1991 to September 1997 and April 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.48 ft above sea level, May 25, 2010; lowest measured, 52.72 ft above sea level, September 11, 1996.

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

Date	Water level	Date	Water level
Oct 20	60.43	Jun 27	60.32
Nov 29	60.25	Jul 25	59.86
Dec 20	60.62	Aug 18	59.70
Feb 24	60.35	Sep 26	60.34
May 23	60.48		

