

Water-Data Report 2011

**404511073402501 Local number N 11659. 1**

Northern Atlantic Coastal Plain aquifer system  
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°45'11", long 73°40'25" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 421 ft. Upper casing diameter 4 in; top of first opening 399 ft, bottom of last opening 419 ft.

DATUM.--Land-surface datum is 104 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.39 ft below land-surface datum.

PERIOD OF RECORD.--March 1992 to March 1998 and January 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.98 ft above sea level, September 26, 2011; lowest measured, 41.96 ft above sea level, Septmeber 15, 1995.

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

Date	Water level	Date	Water level
Oct 20	52.82	May 23	53.36
Nov 29	52.28	Jun 27	52.19
Dec 20	52.30	Jul 25	51.50
Jan 31	51.80	Aug 18	52.44
Feb 24	52.64	Sep 26	56.98
Apr 22	53.16		

