

Water-Data Report 2011

403805073395301 Local number N 2790.2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°38'05", long 73°39'53" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 571 ft. Upper casing diameter 6 in; top of first opening 538 ft, bottom of last opening 560 ft.

DATUM.--Land-surface datum is 6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.82 ft above land-surface datum.

PERIOD OF RECORD.--April 1958, January 1974 to January 1989, February 1990 to March 1997, March 1998 to April 2000, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.50 ft above sea level, April 6, 1958; lowest measured, 0.36 ft below sea level, July 20, 1977.

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

Date	Water level
Apr 22	4.43

