

Water-Data Report 2011

**404705073394902 Local number N 7554. 2**

Northern Atlantic Coastal Plain aquifer system  
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'06.0", long 73°39'48.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Christopher Morley Park, 55 ft east of Searingtown Road, just north of main entrance to park, North Hills.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 464 ft. Upper casing diameter 6 in; top of first opening 454 ft, bottom of last opening 464 ft.

DATUM.--Land-surface datum is 190 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 5.57 ft above land-surface datum.

PERIOD OF RECORD.--March 1964 to January 2000 and March 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, 50.62 ft above sea level, April 28, 1965; lowest measured, 16.90 ft above sea level, July 25, 2011.

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

Date	Water level	Date	Water level
Oct 20	30.38	May 23	27.74
Nov 29	30.75	Jun 27	23.82
Dec 20	34.56	Jul 25	16.90
Jan 31	34.32	Aug 18	26.72
Feb 24	31.98	Sep 26	24.84
Apr 15	31.37		

