



Water-Data Report 2011

404832073333203 Local number N 9059. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'32.5", long 73°33'28.9" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 175 ft. Upper casing diameter 4 in; top of first opening 170 ft, bottom of last opening 175 ft.

DATUM.--Land-surface datum is 228 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.24 ft above land-surface datum.

PERIOD OF RECORD.--October 1974 to April 1984, March 1990 to January 2000, and March 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, 90.84 ft above sea level, December 5, 1979; lowest measured, 73.82 ft above sea level, March 20, 1996.

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

Date	Water level	Date	Water level
Oct 20	83.69	May 23	84.04
Nov 29	83.69	Jun 27	83.76
Dec 20	83.95	Jul 25	83.34
Jan 31	83.92	Aug 18	82.96
Feb 24	83.98	Sep 26	83.09

