

Water-Data Report 2011

**404818073135904 Local number S 24773. 1**

Northern Atlantic Coastal Plain aquifer system  
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°48'15.4", long 73°13'54.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Vanderbilt Motor Parkway, east of West End Avenue, Central Islip.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 423 ft. Upper casing diameter 4 in; top of first opening 412 ft, bottom of last opening 422 ft.

DATUM.--Land-surface datum is 118.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.95 ft above land-surface datum.

PERIOD OF RECORD.--March 1966 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.37 ft above sea level, March 21, 1991; lowest measured, 40.05 ft above sea level, March 7, 1966.

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

Date	Water level	Date	Water level
Oct 25	46.82	Apr 19	46.09
Nov 22	46.50	May 23	46.32
Jan 5	46.16	Jun 16	45.93
28	45.03	Jul 20	45.39
Feb 23	45.65	Sep 1	45.92
Mar 25	45.91	26	46.14

