

Water-Data Report 2011

410438072213201 Local number S 73974. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04'39.2", long 72°21'23.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Shelter Island Country Club and Golf Course, west side of fairway to 6th green, at edge of woods, 3,000 ft north of West Neck Road, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 42 ft.

DATUM.--Land-surface datum is 38.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.53 ft above land-surface datum.

PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.12 ft above sea level, April 20, 2010; lowest measured, 4.25 ft above sea level, September 26, 2002.

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

| Date | Water level | Date | Water level |
|--------|-------------|--------|-------------|
| Oct 26 | 6.74 | Apr 19 | 7.03 |
| Nov 15 | 6.63 | May 20 | 6.89 |
| Dec 20 | 6.56 | Jun 21 | 6.71 |
| Jan 20 | 6.51 | Aug 4 | 6.28 |
| Feb 14 | 6.56 | 17 | 6.17 |
| Mar 28 | 6.94 | Sep 16 | 6.19 |

