

Water-Data Report 2011

**410309072205601 Local number S 75438. 1**

Northern Atlantic Coastal Plain aquifer system  
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°03'19.8", long 72°20'52.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Menantic Road, 140 ft south of Conrad Road, and 244 ft north of Evans Road, Shelter Island.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 23 ft. Upper casing diameter 2 in; top of first opening 18 ft, bottom of last opening 23 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.16 ft below land-surface datum.

PERIOD OF RECORD.--December 1983 to March 1998 and November 2001 to current year.

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

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.80 ft above sea level, April 7, 2010; lowest measured, 0.88 ft above sea level, January 4, 2007.

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

Date	Water level	Date	Water level
Oct 26	1.66	Apr 19	1.96
Nov 15	2.08	May 20	2.17
Dec 20	1.68	Jun 21	2.05
Jan 20	1.60	Aug 4	1.82
Feb 14	1.51	17	1.98
Mar 28	1.77	Sep 16	1.98

