

Water-Data Report 2011

410602072195801 Local number S 51182. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°06'03.1", long 72°20'00.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Westview Road, 99 ft west of Crescent Drive, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 76 ft. Upper casing diameter 6 in; top of first opening 64 ft, bottom of last opening 74 ft.

DATUM.--Land-surface datum is 55.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.93 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to April 1984, March 1990, March 1994 to March 1995, and April 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.65 ft above sea level, April 20, 2010; lowest measured, 0.88 ft above sea level, March 2, 1983.

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

Date	Water level	Date	Water level
Oct 26	2.18	Apr 19	2.24
Nov 15	2.34	May 20	2.60
Dec 20	2.06	Jun 21	2.62
Jan 20	1.93	Aug 4	2.55
Feb 14	1.77	17	2.62
Mar 28	2.11	Sep 16	2.54

