

Water-Data Report 2011

404351073164904 Local number S 1809. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°43'51.0", long 73°16'44.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southeast corner of Muncey Road and Manor Lane, in recharge basin, Bay Shore.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in; top of first opening 26 ft, bottom of last opening 29 ft.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1981 to current year. Unpublished records for October 1912 to November 1914 and August 1932 to September 1975, for wells S1809.1 to S1809.3 are available in files of the U.S. Geological Survey.

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

REMARKS.--Replaced well S1809.3 in March 1981 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.97 ft above sea level, June 23, 1989; lowest measured, 24.01 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Nov 22	25.87	Apr 18	28.83
Jan 3	26.26	Jul 20	27.28
Feb 23	27.11	Sep 26	28.28
Mar 25	28.36		

