

Water-Data Report 2011

404607072594702 Local number S 47751. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°46'05.9", long 72°59'45.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Montauk Highway (Route 27A), east of Phyllis Drive, East Patchogue.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 38 ft. Upper casing diameter 4 in; top of first opening 23 ft, bottom of last opening 33 ft.

DATUM.--Land-surface datum is 24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.58 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.27 ft above sea level, April 28, 1983; lowest measured, 6.35 ft above sea level, July 7, 1974.

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

Date	Water level	Date	Water level
Oct 4	7.60	May 31	8.23
20	7.68	Jun 16	8.14
Nov 30	7.52	Jul 15	7.92
Dec 21	7.66	Sep 7	8.55
Mar 17	8.12	26	8.30
Apr 29	8.11		

