



Water-Data Report 2007

**404358072520301 Local number S124399. 1**

Northern Atlantic Coastal Plain aquifer system  
Glacial Aquifer, Upper  
Suffolk County, NY

LOCATION.--Lat 40°43'58.4", long 72°52'03.1" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, along middle of west-side of corral area, Smith Point.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 120 ft. Upper casing diameter 2 in; top of first opening 35 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--August 2005 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, 2.97 ft above sea level, October 3, 2006; lowest measured, 2.12 ft above sea level, August 10, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

Date	Water level
Oct 3	2.97

