



Water-Data Report 2007

**404356072521801 Local number S125365. 1**

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

LOCATION.--Lat 40°43'55.7", long 72°52'18.5" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, 150 ft northwest of Fire Island Beach Road and 1,650 ft southwest of Suffolk Boulevard, Smith Point.

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Depth 5 ft. Upper casing diameter 2 in; top of first opening 3 ft, bottom of last opening 5 ft.

DATUM.--Land-surface datum is 4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling at north side of well, 2.75 ft above 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, 2.15 ft above sea level, March 28, 2006; lowest measured, 1.30 ft above sea level, August 9, 2005.

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

Date	Water level
Oct 3	1.83

