



Water-Data Report 2008

404920073150901 Local number S 45594. 1

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

LOCATION.--Lat 40°49'20.8", long 73°15'07.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at south side of New Highway, 0.25 mi west of Cardinal Lane, Commack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 6 in; top of first opening 73 ft, bottom of last opening 83 ft.

DATUM.--Land-surface datum is 105 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.63 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, 53.64 ft above sea level, May 22, 2006; lowest measured, 46.82 ft above sea level, September 9, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
 WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Date	Water level	Date	Water level
Oct 19	50.84	Apr 25	50.64
Dec 4	50.27	May 30	50.54
Jan 2	50.42	Jul 17	49.88
16	50.19	Sep 3	49.55
Mar 4	50.42	16	49.97
Apr 1	50.84		

