Water-Data Report 2011

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.

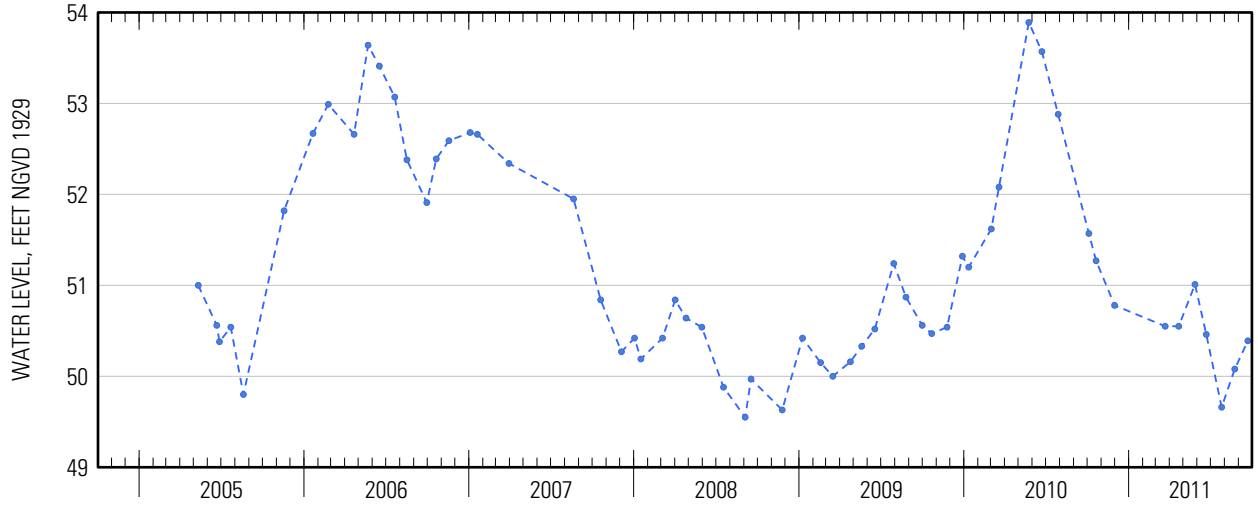
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.89 ft above sea level, May 24, 2010; lowest measured, 46.82 ft above sea level, September 9, 1981.

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

Date	Water level	Date	Water level
Oct 4	51.57	May 27	51.01
20	51.27	Jun 21	50.46
Nov 30	50.78	Jul 25	49.66
Mar 22	50.55	Aug 23	50.08
Apr 21	50.55	Sep 21	50.39



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