

404435073171201 Local number S 66145. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°43'37.6", long 73°17'09.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at northeast corner of Sunrise Highway (east service road) and Robert Moses Causeway, Brightwaters.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 157 ft. Upper casing diameter 6 in; top of first opening 147 ft, bottom of last opening 157 ft.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.61 ft above land-surface datum.

PERIOD OF RECORD.--January 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.14 ft above sea level, April 20, 2010; lowest measured, 23.37 ft above sea level, September 20, 2005.

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

Date	Water level	Date	Water level
Oct 25	23.67	May 23	26.82
Nov 22	23.66	Jun 16	25.91
Jan 3	24.11	Jul 20	24.62
Feb 23	25.20	Sep 1	26.17
Mar 25	26.24	26	25.96
Apr 18	26.31		

