

Water-Data Report 2011

404353073215801 Local number S 51298. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°43'53", long 73°21'58" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 652 ft. Upper casing diameter 20 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 54.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.65 ft below land-surface datum.

PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.15 ft above sea level, April 29, 1984; lowest measured, 31.73 ft above sea level, June 23, 1986.

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

Date	Water level
Apr 6	36.22

