



Water-Data Report 2008

404303073481601 Local number Q 1812. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Queens County, NY

LOCATION.--Lat 40°43'03", long 73°48'16" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at west side of 164th Street, 670 ft south of Goethals Avenue, at Queens General Hospital, Jamaica.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 250 ft. Upper casing diameter 12 in; top of first opening 195 ft, bottom of last opening 245 ft.

DATUM.--Land-surface datum is 115.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.93 ft below land surface datum.

PERIOD OF RECORD.--January 1982 to current year. Unpublished records from January 1982 to September 1987 are available in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.62 ft above sea level, September 19, 2007; lowest measured, 12.80 ft below sea level, December 17, 1984.

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

Date	Water level	Date	Water level
Oct 16	27.47	Jun 24	26.79
Nov 19	27.17	Jul 30	26.85
Apr 22	26.80	Aug 26	26.63
May 21	27.03		

