

Water-Data Report 2011

404407073551501 Local number Q 3809. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44'07", long 73°55'15" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at south side of 51th Street, 30 ft east of 46th Street, Maspeth.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 90.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

PERIOD OF RECORD.--March 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.25 ft above sea level, May 24, 2010; lowest measured, 9.73 ft above sea level, April 17, 2000.

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

Date	Water level	Date	Water level
Oct 29	12.61	May 26	12.36
Nov 23	12.34	Jun 28	12.59
Dec 21	11.96	Jul 27	12.53
Feb 23	11.55	Aug 16	12.50
Apr 14	11.91	Sep 28	13.79

