

Water-Data Report 2011

404519073532501 Local number Q 3647. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45'19.6", long 73°53'24.2" referenced to North American Datum of 1983, Queens County, NY, Hydrologic Unit 02030201, at east side of 77th Street, 300 ft north of Northern Boulevard, Jackson Heights.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 35 ft. Upper casing diameter 1 in; top of first opening 30 ft, bottom of last opening 35 ft.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.12 ft below land-surface datum.

PERIOD OF RECORD.--April 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.93 ft above sea level, September 28, 2011; lowest measured, 21.70 ft above sea level, August 28, 2002.

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

Date	Water level	Date	Water level
Oct 29	23.60	May 26	24.45
Nov 23	23.48	Jun 28	24.20
Dec 21	23.42	Jul 27	23.90
Feb 23	23.99	Aug 16	24.50
Apr 14	24.31	Sep 28	24.93

