



Water-Data Report 2011

403737073564908 Local number K 3254. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Kings County, NY

LOCATION.--Lat 40°37'37", long 73°56'49" referenced to North American Datum of 1927, Kings County, NY, Hydrologic Unit 02030202, at east side of East 31st Street, 46 ft south of Avenue J, Flatbush.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in; top of first opening 26 ft, bottom of last opening 29 ft.

DATUM.--Land-surface datum is 26.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.09 ft below land-surface datum.

PERIOD OF RECORD.--April 1980 to October 1985, May 1988 to September 2006, and September 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.91 ft above sea level, June 27, 1984; lowest measured, 3.91 ft above sea level, August 18, 2010 and September 24, 2010.

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

Date	Water level	Date	Water level
Oct 15	4.16	Apr 22	5.04
Nov 19	4.17	May 25	5.26
Dec 17	4.21	Jun 27	5.11
Jan 19	3.99	Jul 19	4.92
Mar 7	4.50	Aug 17	4.93
29	4.82	Sep 26	5.62

