

Water-Data Report 2011

404239073492801 Local number Q 3629. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°42'39", long 73°49'28" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, northernmost well, Kew Gardens.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 4 in; top of first opening 50 ft, bottom of last opening 70 ft.

DATUM.--Land-surface datum is 82.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.06 ft below land-surface datum.

PERIOD OF RECORD.--July 1996 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.00 ft above sea level, April 20, 2010; lowest measured, 14.86 ft above sea level, February 23, 2000.

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

Date	Water level	Date	Water level
Oct 28	25.22	Jun 28	31.71
Nov 24	25.93	Jul 29	30.24
Mar 30	26.92	Aug 18	31.20
Apr 14	26.21	Sep 30	32.60
May 26	29.14		

