

Water-Data Report 2011

**403932073482902 Local number Q 3114. 1**

Northern Atlantic Coastal Plain aquifer system  
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°39'31.3", long 73°48'27.4" referenced to North American Datum of 1983, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, in grassy area at Federal Circle, 160 ft west of Federal Circle Loop Road, near Bergen Road split, just east of Van Wyck Expressway, southernmost well, South Ozone Park.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Depth 31 ft. Upper casing diameter 2 in; top of first opening 29 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.26 ft above land-surface datum.

PERIOD OF RECORD.--December 1981 to current year. Unpublished records for December 1981 to September 1987 are available in files of the U.S. Geological Survey.

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

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.81 ft above sea level, October 26, 2005; lowest measured, 3.62 ft below sea level, December 22, 1998.

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

Date	Water level	Date	Water level
Nov 1	0.89	Jul 6	3.21
Feb 22	1.04	Aug 2	3.95
Apr 22	1.31	Sep 1	4.70
Jun 3	1.82	30	4.04

