

GROUND-WATER LEVELS  
QUEENS COUNTY—Continued

404547073524401. Local number, Q1326.1

LOCATION.--Lat 40°45'47", long 73°52'44", Hydrologic Unit 02030201, at west side of 91st Street, 145 ft south of Astoria Boulevard, Jackson Heights. Owner: Fair Operating Company

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel diffusion well, diameter 6 in., depth 72 ft, screen assumed at bottom.

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

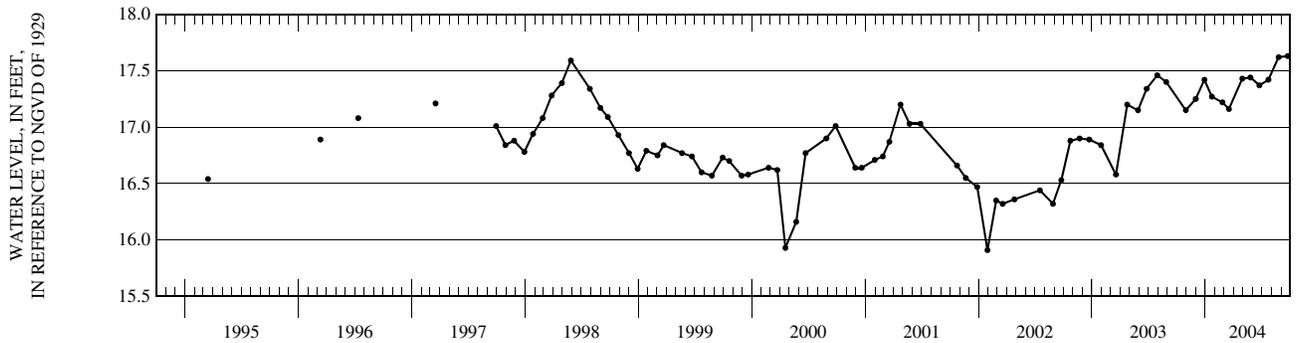
DATUM.--Land-surface datum is 27.0 ft above sea level. Measuring point: Top of hole in 6-in steel cap, 0.44 ft above land-surface datum.

PERIOD OF RECORD.--July 1950 to March 1984 and June 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.06 ft above sea level, March 22, 1983; lowest measured, 14.50 ft above sea level, April 19, 1966.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL										
OCT 30	17.15	DEC 29	17.42	FEB 25	17.22	APR 29	17.43	JUN 23	17.37	AUG 24	17.62
DEC 01	17.25	JAN 22	17.27	MAR 17	17.16	MAY 25	17.44	JUL 22	17.42	SEP 22	17.63



404303073481601. Local number, Q1812.1

LOCATION.--Lat 40°43'03", long 73°48'16", Hydrologic Unit 02030202, at west side of 164th Street, 670 ft south of Goethals Avenue, at Queens General Hospital, Jamaica. Owner: Queens General Hospital.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled unused steel diffusion well, diameter 12 in., depth 250 ft, screened 195 to 245 ft.

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

DATUM.--Land-surface datum is 115.4 ft above sea level. Measuring point: Top of coupling at end of 2-in steel extension, 0.93 ft below land-surface datum.

PERIOD OF RECORD.--January 1982 to current year. Unpublished records from January 1982 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.92 ft above sea level, September 21, 2004; lowest measured, 12.80 ft below sea level, December 17, 1984.

WATER SURFACE ELEVATION IN FEET NGVD 1929, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

DATE	WATER LEVEL										
OCT 29	20.64	DEC 22	21.14	FEB 25	21.54	APR 28	21.63	JUN 22	22.18	AUG 24	22.68
NOV 25	21.04	JAN 22	21.50	MAR 17	21.75	MAY 25	22.07	JUL 21	22.22	SEP 21	22.92

