

GROUND-WATER LEVELS
 QUEENS COUNTY—Continued

404407073551501. Local number, Q3809.1

LOCATION.--Lat 40°44'07", long 73°55'15", Hydrologic Unit 02030201, at south side of 51th Street, 30 ft east of 46th Street, Maspeth. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 95 ft, screened 80 to 90 ft.

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

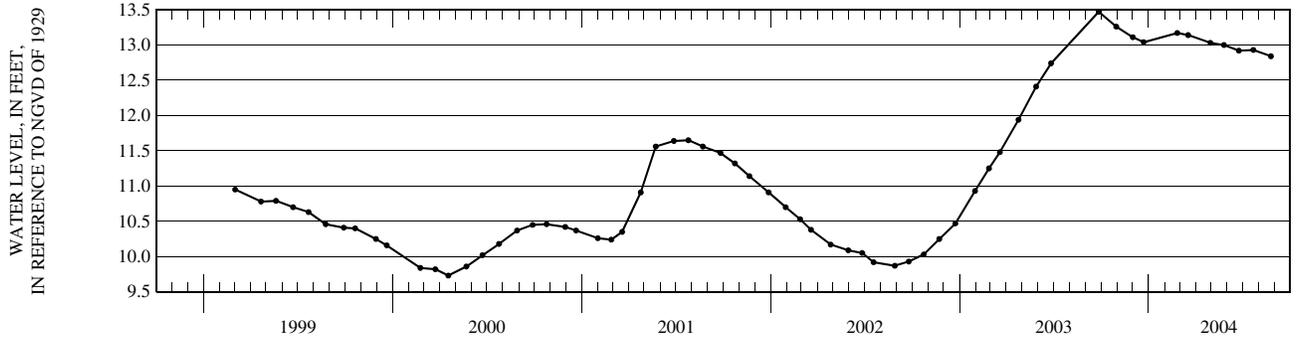
DATUM.--Land-surface datum is 90.5 ft above sea level. Measuring point: Top of casing, 0.40 ft below land-surface datum.

PERIOD OF RECORD.--March 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.47 ft above sea level, September 26, 2003; lowest measured, 9.73 ft above sea level, April 17, 2000.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 30	13.26	DEC 22	13.04	MAR 17	13.14	MAY 25	13.00	JUL 21	12.93		
DEC 01	13.11	FEB 25	13.17	APR 29	13.03	JUN 23	12.92	AUG 24	12.84		



404147073475301. Local number, Q3811.1

LOCATION.--Lat 40°41'47", long 73°47'50", Hydrologic Unit 02030202, at east side of 157th Street, 75 ft north of 107th Avenue, Jamaica. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 40 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 37.0 ft above sea level. Measuring point: Top of casing, 0.02 ft below land-surface datum.

REMARKS.--Water-quality data available for current year.

PERIOD OF RECORD.--July 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.63 ft above sea level, September 21, 2004; lowest measured, 14.02 ft above sea level, August 28, 2002.

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

DATE	WATER LEVEL										
OCT 29	17.33	DEC 22	18.05	FEB 25	18.20	APR 28	18.58	JUN 22	18.37	AUG 24	18.51
NOV 25	17.69	JAN 22	18.10	MAR 16	18.01	MAY 25	18.54	JUL 21	18.23	SEP 21	18.63

