

GROUND-WATER LEVELS
KINGS COUNTY—Continued

403737073564908. Local number, K3254.1

LOCATION.--Lat 40°37'37", long 73°56'49", Hydrologic Unit 02030202, at east side of East 31st Street, 46 ft south of Avenue J, Flatbush. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 29 ft, screened 26 to 29 ft.

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

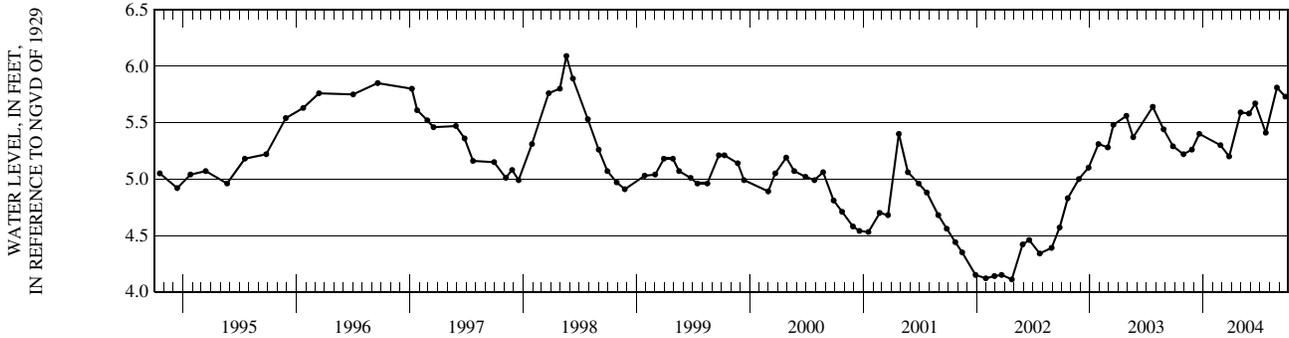
DATUM.--Land-surface datum is 26.9 ft above sea level. Measuring point: Top of coupling, 0.09 ft below land-surface datum.

PERIOD OF RECORD.--April 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.91 ft above sea level, June 27, 1984; lowest measured, 4.11 ft above sea level, April 24, 2002.

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

| DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 29 | 5.22 | DEC 19 | 5.40 | MAR 24 | 5.20 | MAY 27 | 5.58 | JUL 20 | 5.41 | SEP 21 | 5.73 |
| NOV 25 | 5.26 | FEB 25 | 5.30 | APR 30 | 5.59 | JUN 16 | 5.67 | AUG 25 | 5.81 | | |



403827073535202. Local number, K3255.2

LOCATION.--Lat 40°38'27", long 73°53'52", Hydrologic Unit 02030202, at south side of Avenue J, 120 ft east of Rockaway Avenue, Canarsie. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 25 ft, screened 15 to 25 ft.

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

DATUM.--Land-surface datum is 17.0 ft above sea level. Measuring point: Top of casing, 0.42 ft below land-surface datum.

REMARKS.--Replaced well K3255.1 in June 1998 near same location.

PERIOD OF RECORD.--July 1998 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.70 ft above sea level, June 25, 2003; lowest measured, 2.71 ft above sea level, January 28, 2002.

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

| DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 29 | 3.95 | DEC 18 | 4.29 | FEB 25 | 3.92 | APR 29 | 4.22 | JUN 16 | 3.99 | AUG 25 | 4.20 |
| NOV 25 | 4.12 | JAN 31 | 3.90 | MAR 21 | 3.90 | MAY 25 | 4.16 | JUL 19 | 4.05 | SEP 21 | 4.18 |

