

GROUND-WATER LEVELS  
SUFFOLK COUNTY—Continued

410439072173501. Local number, S75432.2

LOCATION.--Lat 41°04'39", long 72°17'35", Hydrologic Unit 02030202, at south side of South Ram Island Drive and east side of Tuthill Drive, Shelter Island. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 29 ft, screened 24 to 29 ft.

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

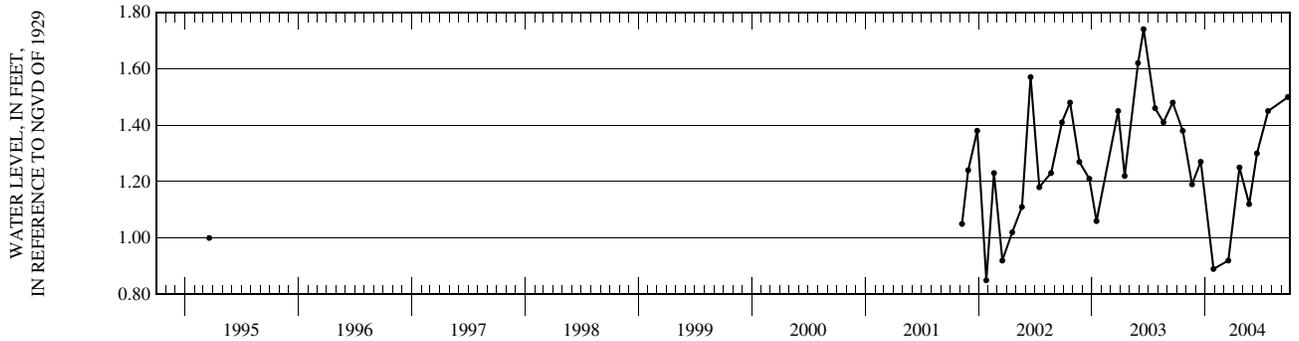
DATUM.--Land-surface datum is 21.0 ft above sea level. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1990 to March 1995 and November 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.74 ft above sea level, June 16, 2003; lowest measured, 0.85 ft above sea level, January 25, 2002.

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

| DATE   | WATER LEVEL | DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|------|-------------|
| OCT 20 | 1.38        | DEC 17 | 1.27        | MAR 15 | .92         | MAY 21 | 1.12        | JUL 21 | 1.45        |      |             |
| NOV 19 | 1.19        | JAN 27 | .89         | APR 20 | 1.25        | JUN 15 | 1.30        | SEP 23 | 1.50        |      |             |



410309072205601. Local number, S75438.1

LOCATION.--Lat 41°03'19", long 72°20'55", Hydrologic Unit 02030202, at east side of Menantic Road, 140 ft south of Conrad Road, and 244 ft north of Evans Road, Shelter Island. Owner: Suffolk County Department of Health Services.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 2 in., depth 23 ft, screened 18 to 23 ft.

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

DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of casing, 0.16 ft below land-surface datum.

PERIOD OF RECORD.--February 1983 to March 1998 and November 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.49 ft above sea level, March 18, 1998; lowest measured, 0.95 ft above sea level, January 25, 2002.

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

| DATE   | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| OCT 20 | 1.58        | DEC 17 | 1.76        | FEB 19 | 1.32        | APR 20 | 1.36        | JUN 15 | 1.52        | SEP 23 | 1.67        |
| NOV 19 | 1.50        | JAN 27 | 1.17        | MAR 15 | 1.38        | MAY 21 | 1.47        | JUL 21 | 1.69        |        |             |

