

GROUND-WATER LEVELS
SUFFOLK COUNTY—Continued

404614073164404. Local number, S1810.4

LOCATION.--Lat 40°46'14", long 73°16'44", Hydrologic Unit 02030202, at west side of North Gardiner Drive, south of Pine Aire Drive, in front of house 1712, Pine Aire. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 52 to 55 ft.

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

DATUM.--Land-surface datum is 90.8 ft above sea level. Measuring point: Top of coupling, 0.25 ft below land-surface datum.

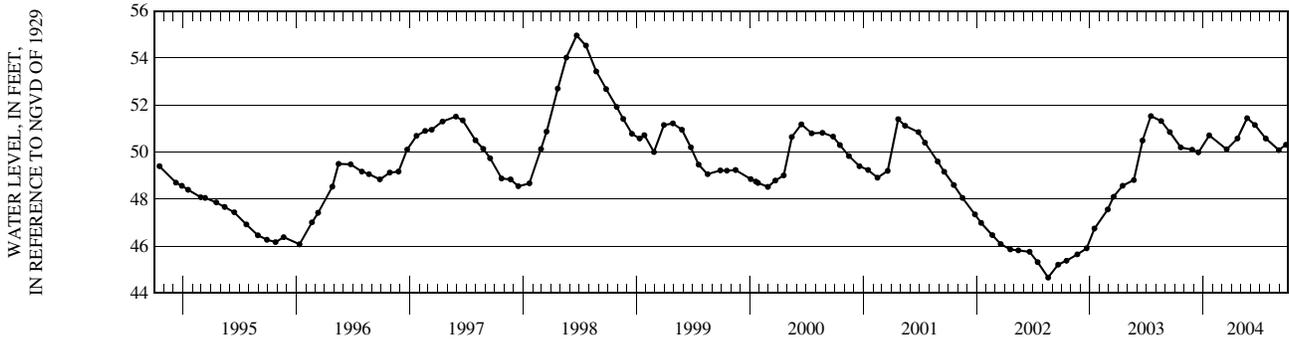
REMARKS.--Replaced well S1810.3 in November 1975 near same location. Unpublished records from October 1912 to November 1914, and August 1932 to September 1975, for wells S1810.1 to S1810.3 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--November 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.28 ft above sea level, July 23, 1984; lowest measured, 44.66 ft above sea level, August 19, 2002.

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

DATE	WATER LEVEL										
OCT 20	50.20	DEC 16	49.99	MAR 16	50.12	MAY 21	51.44	JUL 20	50.58	SEP 23	50.31
NOV 26	50.10	JAN 20	50.71	APR 20	50.58	JUN 15	51.15	AUG 31	50.08		



404958073085001. Local number, S1812.3

LOCATION.--Lat 40°49'58", long 73°08'50", Hydrologic Unit 02030202, at southwest corner of Smithtown Boulevard and Nichols Road, Ronkonkoma. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven PVC observation well, diameter 2 in., depth 50 ft, screened 46 to 50 ft.

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

DATUM.--Land-surface datum is 69.9 ft above sea level. Measuring point: Top of coupling, 0.40 ft below land-surface datum.

REMARKS.--Replaced well S1812.2 in May 1982 near same location. Unpublished records from April 1937 to September 1975 are available in files of the Long Island Subdistrict Office.

PERIOD OF RECORD.--May 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.34 ft above sea level, July 23, 1984; lowest measured, 40.07 ft above sea level, August 21, 2002.

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

DATE	WATER LEVEL										
OCT 21	47.03	DEC 16	47.38	FEB 20	47.83	APR 22	48.29	JUN 14	48.36	AUG 20	46.84
NOV 18	47.00	FEB 10	47.83	MAR 15	47.66	MAY 20	48.69	JUL 19	47.32	SEP 22	46.56

