

GROUND-WATER LEVELS
SUFFOLK COUNTY—Continued

410311072215501. Local number, S51170.1

LOCATION.--Lat 41°03'11", long 72°21'55", Hydrologic Unit 02030202, at west side of Nostrand (Brander) Parkway, 100 ft south of Lilliput Lane, West Neck, Shelter Island.
Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 33 ft, screened 21 to 31 ft.

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

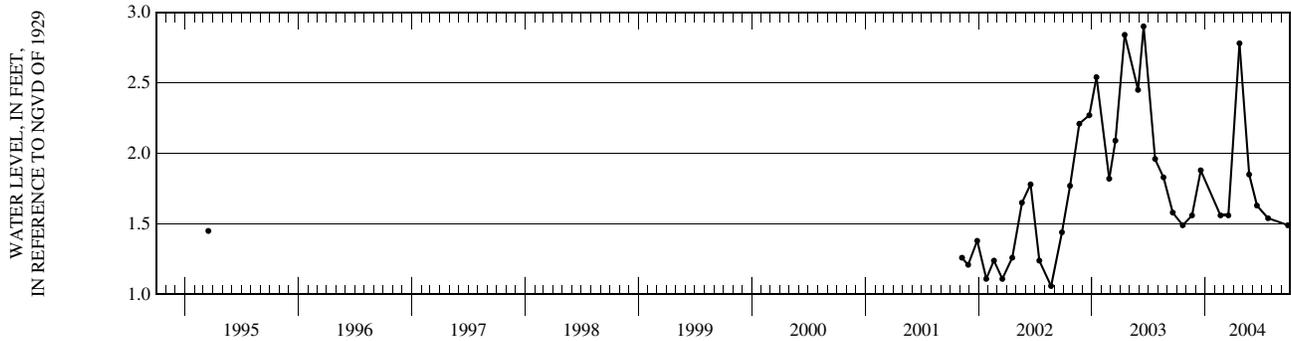
DATUM.--Land-surface datum is 8.8 ft above sea level. Measuring point: Top of flange in manhole, 1.76 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to March 1995 and November 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.72 ft above sea level, June 11, 1982; lowest measured, 0.84 ft above sea level, September 13, 1980.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 20	1.49	DEC 17	1.88	MAR 15	1.56	MAY 21	1.85	JUL 21	1.54		
NOV 19	1.56	FEB 19	1.56	APR 20	2.78	JUN 15	1.63	SEP 23	1.49		



410430072202301. Local number, S51176.1

LOCATION.--Lat 41°04'30", long 72°20'23", Hydrologic Unit 02030202, at southeast corner of Ferry Road (Route 114) and Manwaring Road, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 60 ft, screened 47 to 57 ft.

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

DATUM.--Land-surface datum is 39.6 ft above sea level. Measuring point: Top of flange in manhole, 1.88 ft below land-surface datum.

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

PERIOD OF RECORD.--June 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.70 ft above sea level, June 16, 2003; lowest measured, 2.42 ft above sea level, December 12, 1981.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 20	4.91	DEC 17	4.32	FEB 19	4.32	APR 20	4.79	JUL 21	4.65		
NOV 19	4.56	JAN 27	4.18	MAR 15	4.18	JUN 15	5.12	SEP 23	3.95		

