

GROUND-WATER LEVELS  
SUFFOLK COUNTY—Continued

410316072192901. Local number, S51177.1

LOCATION.--Lat 41°03'16", long 72°19'29", Hydrologic Unit 02030202, at east side of Route 114, 58 ft north of Valley Road, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 39 ft, screened 27 to 37 ft.

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

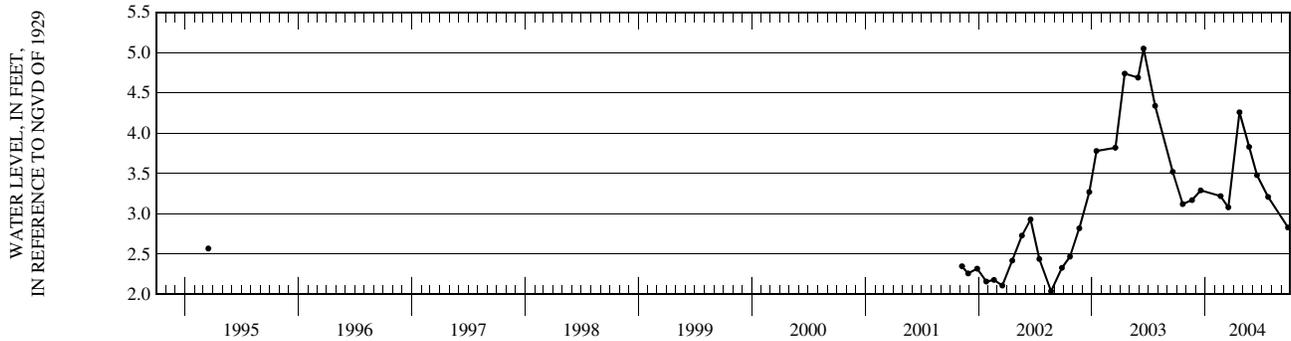
DATUM.--Land-surface datum is 17.5 ft above sea level. Measuring point: Top of flange in manhole, 1.58 ft below land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.22 ft above sea level, June 11, 1982; lowest measured, 1.90 ft above sea level, December 10, 1980.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 20	3.12	DEC 17	3.29	MAR 15	3.08	MAY 21	3.83	JUL 21	3.21		
NOV 19	3.17	FEB 19	3.22	APR 20	4.26	JUN 15	3.48	SEP 23	2.83		



410516072200901. Local number, S52084.1

LOCATION.--Lat 41°05'16", long 72°20'09", Hydrologic Unit 02030202, at east side of Manhasset Road, 143 ft north of Cobbets Lane, Shelter Island. Owner: Suffolk County Department of Environmental Conservation.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 74 ft, screen assumed at bottom.

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

DATUM.--Land-surface datum is 28.4 ft above sea level. Measuring point: Top of casing, 1.45 ft below land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.21 ft above sea level, March 5, 1979; lowest measured, 1.71 ft above sea level, March 9, 1981.

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

DATE	WATER LEVEL										
OCT 20	3.29	DEC 17	2.89	FEB 19	2.95	APR 20	3.45	JUN 15	3.72	SEP 23	2.73
NOV 19	3.03	JAN 27	2.83	MAR 15	2.91	MAY 21	3.96	JUL 21	3.32		

