

NASSAU COUNTY—Continued

404535073370002. Local number, N8269.2

LOCATION.--Lat 40°45'35", long 73°37'00", Hydrologic Unit 02030202, at east side of Bacon Road, 106 ft north of Hillside Avenue, south of school entrance, Old Westbury. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 86 ft, screened 81 to 86 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 111.7 ft above sea level. Measuring point: Top of coupling, 0.15 ft below land-surface datum.

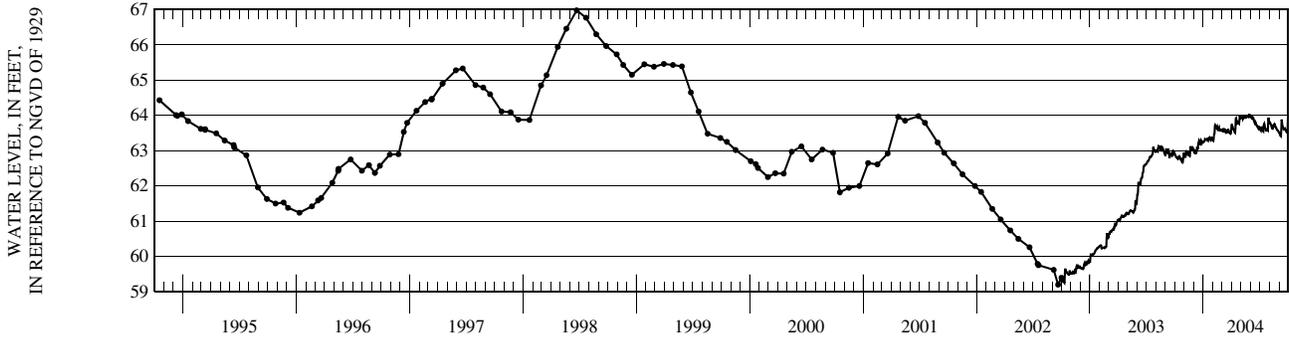
REMARKS.--Prior to April 1967, well at site (N 1258.1) was screened in the upper glacial aquifer. Well N1258.1 was replaced by well N8269.1 in April 1967, which was replaced by well N8269.2 in June 1976 near same location.

PERIOD OF RECORD.--June 1976 to current year. Unpublished records from June 1936 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.18 ft above sea level, May 21, 1980; lowest measured, 59.25 ft above sea level, October 11 and 12, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	62.83	62.84	62.96	63.29	63.47	63.58	63.64	63.97	63.91	63.65	63.76	63.43
10	62.78	62.89	62.95	63.31	63.70	63.56	63.54	63.93	63.92	63.58	63.62	63.82
15	62.87	62.89	63.18	63.33	63.62	63.53	63.92	63.95	63.79	63.76	63.70	63.62
20	62.75	63.06	63.22	63.36	63.62	63.58	63.78	63.98	63.72	63.59	63.69	63.61
25	62.67	63.03	63.29	63.30	63.59	63.51	63.76	63.95	63.65	63.61	63.59	63.54
EOM	62.92	63.02	63.24	63.33	63.57	63.61	63.91	63.99	63.62	63.83	63.52	64.00
MEAN	62.80	62.96	63.12	63.32	63.58	63.56	63.75	63.96	63.80	63.66	63.67	63.61
MAX	62.95	63.12	63.29	63.37	63.73	63.62	64.00	64.04	64.00	63.93	63.80	64.00
MIN	62.66	62.83	62.93	63.24	63.28	63.48	63.50	63.90	63.62	63.55	63.52	63.41
WTR YR	2004	MEAN 63.48	MAX 64.04	MIN 62.66								



404742073410301. Local number, N8309.1

LOCATION.--Lat 40°47'42", long 73°41'03", Hydrologic Unit 02030201, at east side of Manhasset Woods Road, 73 ft north of Northern Boulevard, Munsey Park. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 199 ft, screened 194 to 199 ft.

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

DATUM.--Land-surface datum is 143.2 ft above sea level. Measuring point: Top of coupling, 0.15 ft below land-surface datum.

REMARKS.--Replaced well N1121.2 in March 1967 near same location.

PERIOD OF RECORD.--March 1967 to December 1998 and February 2002 to current year. Unpublished records from March 1940 to March 1967 are available in the files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.81 ft above sea level, June 20, 1980; lowest measured, 30.48 ft above sea level, October 17, 2002.

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

DATE	WATER LEVEL										
OCT 23	33.62	DEC 22	34.29	FEB 18	35.32	MAY 03	36.62	JUN 17	36.24	AUG 30	34.66
NOV 21	33.93	JAN 21	34.63	MAR 22	35.72	JUN 01	36.99	JUL 29	35.35	SEP 24	34.62

