

NASSAU COUNTY

404048073412602. Local number, N9.1

LOCATION.--Lat 40°40'48", long 73°41'26", Hydrologic Unit 02030202, at Valley Stream State Park, 30 ft west of Corona Avenue, 650 ft north of Remsen Street, Valley Stream.
 Owner: Long Island State Park Commission.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled unused steel well, diameter 4 in. to 6 in., depth 138 ft, screened 98 to 138 ft.

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

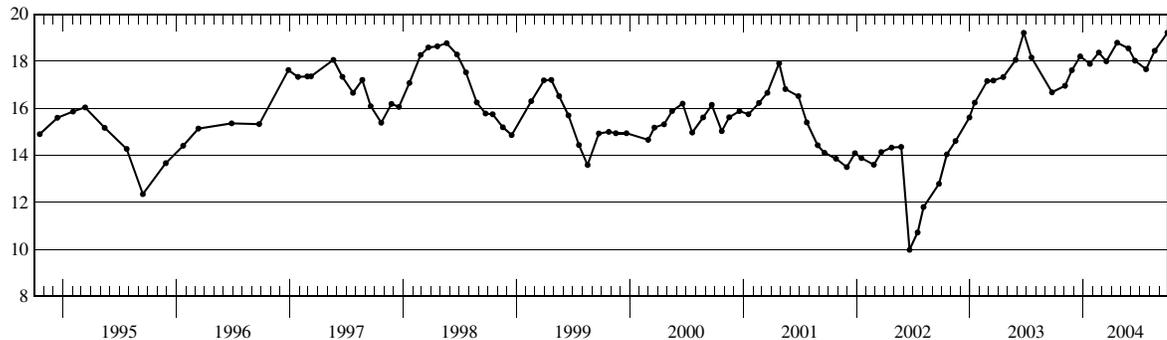
DATUM.--Land-surface datum is 22.6 ft above sea level. Measuring point: Top of casing, 2.08 ft above land-surface datum.

PERIOD OF RECORD.--July 1936 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.57 ft above sea level, September 23, 1938; lowest measured, 5.95 ft above sea level, March 22, 1983.

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

DATE	WATER LEVEL										
NOV 03	16.96	DEC 22	18.21	FEB 20	18.37	APR 19	18.79	JUN 15	18.03	AUG 18	18.45
25	17.62	JAN 22	17.89	MAR 15	18.00	MAY 25	18.55	JUL 21	17.66	SEP 28	19.22

WATER LEVEL, IN FEET,
IN REFERENCE TO NGVD OF 1929

403929073382908. Local number, N53.1

LOCATION.--Lat 40°39'29", long 73°38'29", Hydrologic Unit 02030202, at Rockville Centre Municipal Power Plant, in battery room, Maple Avenue and Morris Avenue, Rockville Centre.
 Owner: Village of Rockville Center.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 8 in., depth 50 ft, screen assumed at bottom.

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

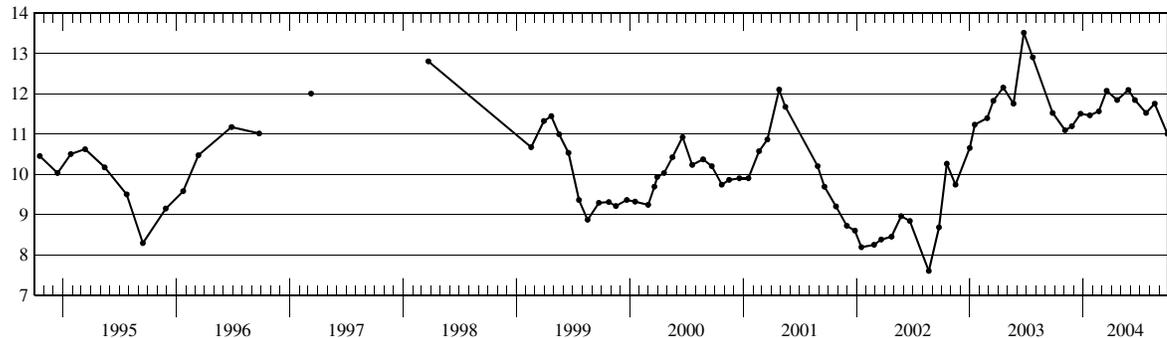
DATUM.--Land-surface datum is 26.2 ft above sea level. Measuring point: Top of 2-in steel extender, 5.24 ft below land-surface datum.

PERIOD OF RECORD.--August 1934 to current year. Unpublished records from August 1934 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.49 ft above sea level, April 15, 1939; lowest measured, 7.61 ft above sea level, August 21, 2002.

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

DATE	WATER LEVEL										
NOV 03	11.10	DEC 23	11.51	FEB 20	11.57	APR 19	11.85	JUN 15	11.85	AUG 18	11.76
25	11.20	JAN 22	11.47	MAR 16	12.08	MAY 25	12.10	JUL 21	11.53	SEP 28	11.01

WATER LEVEL, IN FEET,
IN REFERENCE TO NGVD OF 1929

GROUND-WATER LEVELS
NASSAU COUNTY—Continued

403922073353501. Local number, N67.1

LOCATION.--Lat 40°39'22", long 73°35'35", Hydrologic Unit 02030202, at Freeport Power Station, in battery room, 105 ft north of Sunrise Highway (State Route 27), west of Long Beach Avenue, Freeport. Owner: Village of Freeport.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 12 in., depth 1,052 ft, screen assumed at bottom.

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

DATUM.--Land-surface datum is 22.0 ft above sea level. Measuring point: Top of casing, 1.00 ft below land-surface datum.

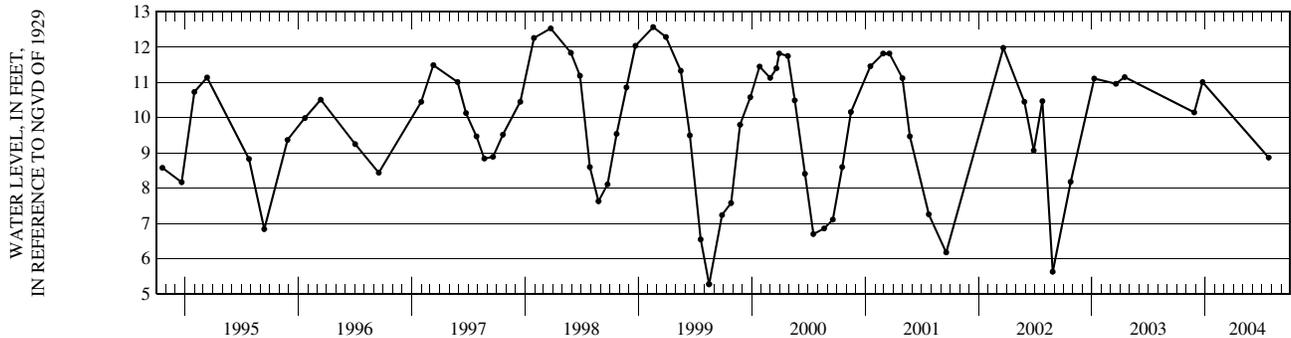
REMARKS.--Water level affected by nearby pumping.

PERIOD OF RECORD.--December 1946 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.95 ft above sea level, May 8, 1957; lowest measured, 3.76 ft below sea level, March 23, 1983.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 26	10.15	DEC 23	11.01	JUL 23	8.87



404030073293703. Local number, N180.2

LOCATION.--Lat 40°40'30", long 73°29'37", Hydrologic Unit 02030202, at Long Island Railroad track embankment, 200 ft north of Sunrise Highway (State Route 27), west of Seaford-Oyster Bay Expressway (State Route 135), Seaford. Owner: City of New York.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled unused steel well, diameter 4 in. to 6 in., depth 723 ft, screen assumed at bottom.

INSTRUMENTATION.--Digital water-level recorder.

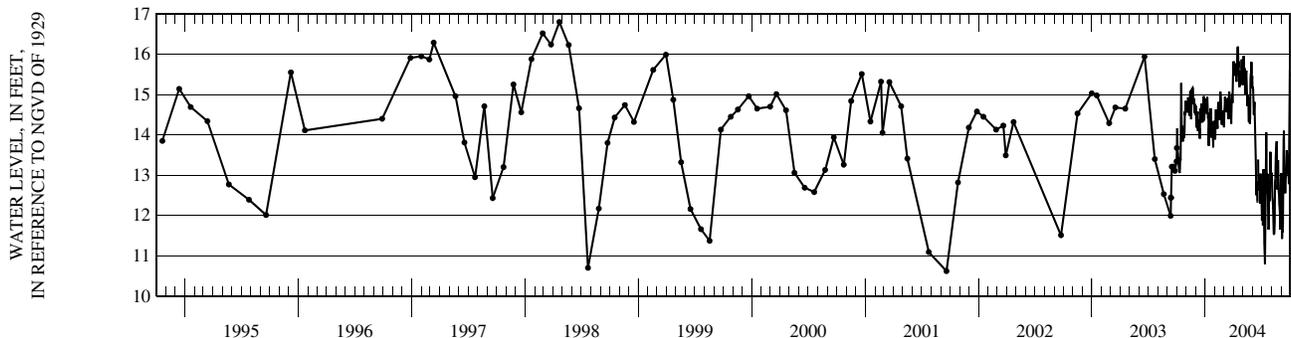
DATUM.--Land-surface datum is 16.0 ft above sea level. Measuring point: Top of coupling, 13.69 ft above land-surface datum.

PERIOD OF RECORD.--June 1952 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.08 ft above sea level, June 6, 1952; lowest measured, 10.62 ft above sea level, September 19, 2001.

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	13.55	14.83	14.32	14.53	14.34	14.75	15.77	15.56	14.50	12.78	12.37	11.62
10	13.05	14.48	14.37	14.42	14.58	14.83	15.32	15.04	13.62	11.09	11.57	14.10
15	15.28	14.60	14.64	14.54	14.48	14.40	16.17	14.72	12.78	14.06	13.49	12.75
20	13.83	15.15	14.51	13.96	14.89	14.65	15.19	14.32	12.66	12.25	12.64	13.45
25	13.95	14.91	14.50	13.89	14.52	14.65	15.24	15.39	12.29	12.83	12.54	13.01
EOM	14.76	14.50	14.55	14.11	14.28	15.62	15.28	15.46	12.31	12.80	12.99	15.44
MEAN	13.94	14.79	14.46	14.32	14.52	14.77	15.61	15.22	13.39	12.46	12.62	13.08
MAX	15.28	15.17	14.96	14.94	15.07	15.62	16.17	15.96	15.18	14.06	13.84	15.60
MIN	13.05	14.39	13.91	13.69	13.89	14.19	15.19	14.28	12.29	10.79	11.52	11.42
WTR YR	2004	MEAN 14.10	MAX 16.17	MIN 10.79								



404940073392701. Local number, N662.1

LOCATION.--Lat 40°49'40", long 73°39'27", Hydrologic Unit 02030201, at Bar Beach, east side of Shore Road, Port Washington. Owner: Town of North Hempstead.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 8 in., depth 364 ft, screen 347 to 363 ft.

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

DATUM.--Land-surface datum is 10.6 ft above sea level. Measuring point: Top of coupling, 5.90 ft above land-surface datum.

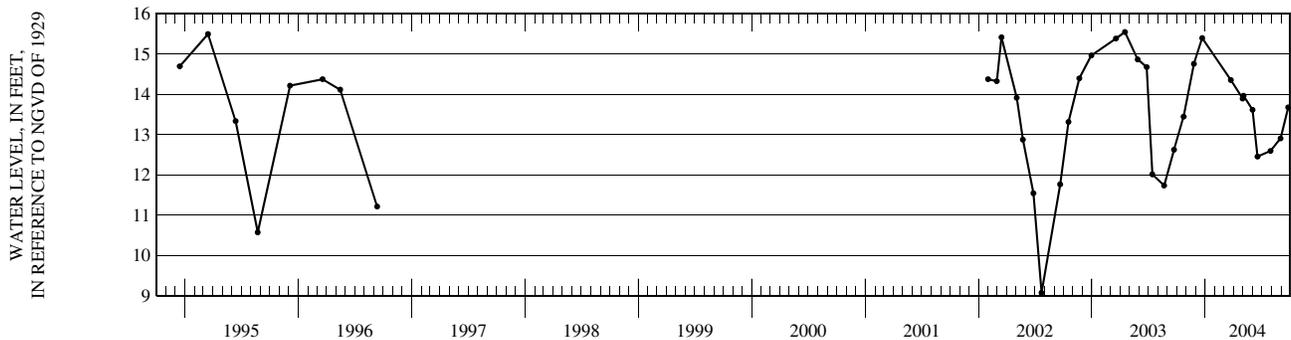
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--October 1977 to September 1996 and January 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.50 ft above sea level, March 26, 1993; lowest measured, 9.08 ft above sea level, July 22, 2002.

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

DATE	WATER LEVEL										
OCT 23	13.45	DEC 22	15.40	APR 30	13.90	JUN 01	13.62	JUL 29	12.60	SEP 24	13.68
NOV 25	14.76	MAR 23	14.36	MAY 03	13.97	JUN 17	12.46	AUG 30	12.91		



404609073421602. Local number, N1102.2

LOCATION.--Lat 40°46'09", long 73°42'16", Hydrologic Unit 02030201, at southwest corner of Community Drive and Long Island Expressway westbound service road, Lake Success. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 166 ft, screened 161 to 166 ft.

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

DATUM.--Land-surface datum is 184.0 ft above sea level. Measuring point: Top of coupling, 0.32 ft below land-surface datum.

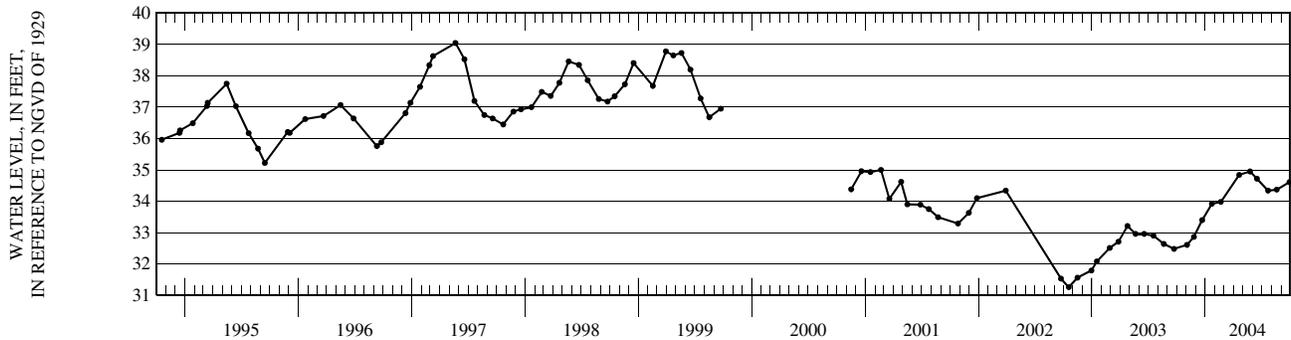
REMARKS.--Replaced well N1102.1 in March 1963 near same location, which has a period of record from October 1937 to March 1963.

PERIOD OF RECORD.--April 1963 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.02 ft above sea level, April 24, 1963; lowest measured, 28.90 ft above sea level, January 19, 1983.

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

DATE	WATER LEVEL										
NOV 03	32.61	DEC 22	33.40	FEB 20	33.98	MAY 24	34.95	JUL 21	34.34	SEP 28	34.61
25	32.86	JAN 22	33.92	APR 19	34.84	JUN 15	34.72	AUG 18	34.37		



GROUND-WATER LEVELS
NASSAU COUNTY—Continued

404040073420102. Local number, N1110.2

LOCATION.--Lat 40°40'40", long 73°42'01", Hydrologic Unit 02030202, at Valley Stream State Park, southeast corner of North Fletcher Avenue and park entrance, 128 ft south of Southern State Parkway, Valley Stream. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 40 ft.

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

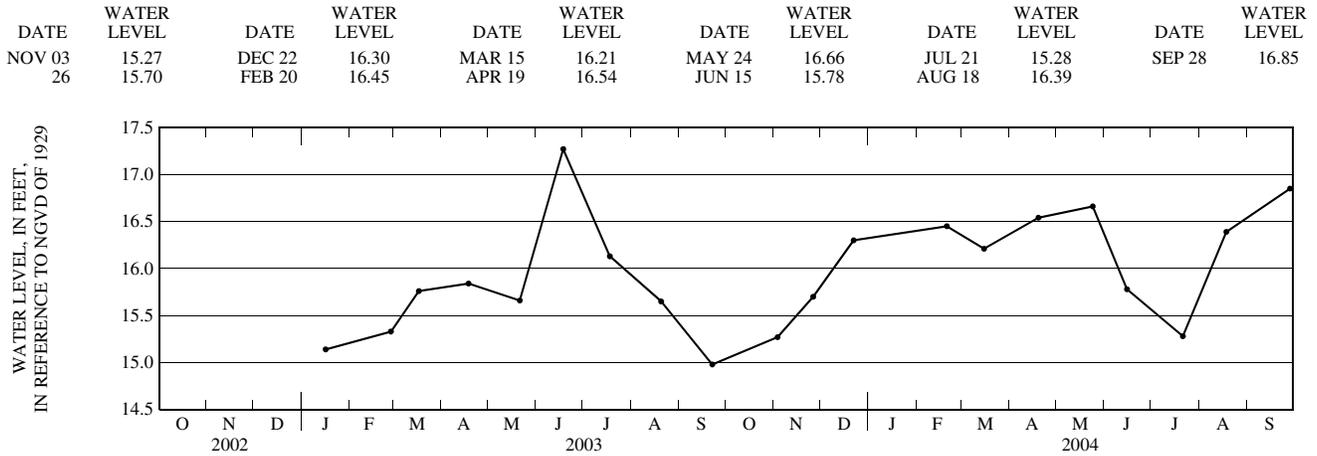
DATUM.--Land-surface datum is 30.5 ft above sea level. Measuring point: Top of casing, 0.32 ft below land-surface datum.

REMARKS.--Replaced well N1110.1 in December 2002 near same location.

PERIOD OF RECORD.--January 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.27 ft above sea level, June 18, 2003; lowest measured, 14.98 ft above sea level, September 22, 2003.

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



404835073404004. Local number, N1120.4

LOCATION.--Lat 40°48'35", long 73°40'40", Hydrologic Unit 02030201, at northwest corner of Port Washington Blvd and Bonnie Heights Road, Flower Hill. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 100 ft, screened 95 to 100 ft.

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

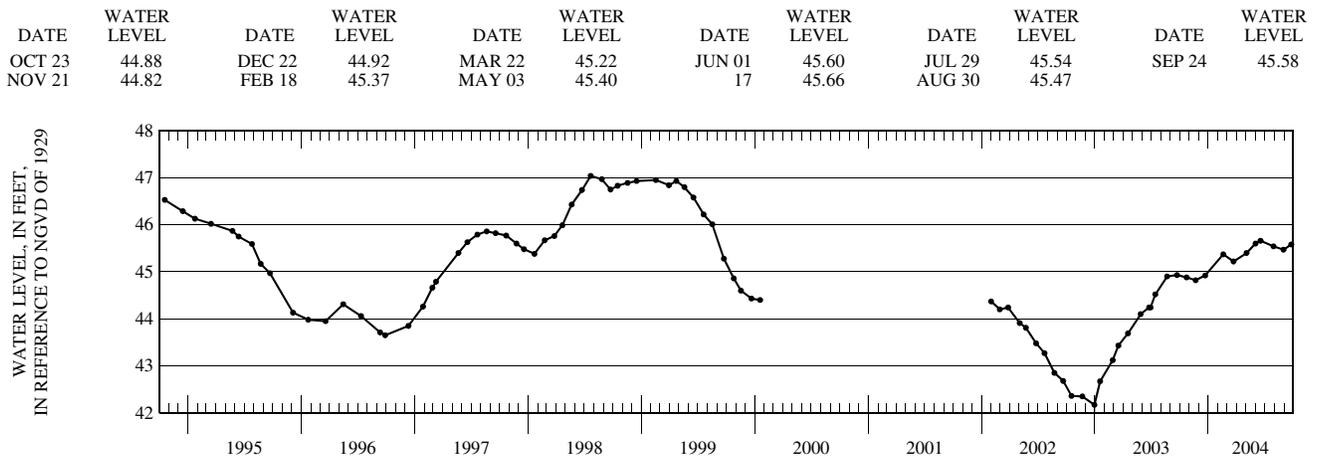
DATUM.--Land-surface datum is 116.0 ft above sea level. Measuring point: Top of coupling, 0.50 ft above land-surface datum.

REMARKS.--Replaced well N1120.3 in March 1976 near same location.

PERIOD OF RECORD.--March 1976 to January 2000 and January 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.65 ft above sea level, March 16, 1976; lowest measured, 42.17 ft above sea level, December 30, 2002.

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



NASSAU COUNTY—Continued

404124073394901. Local number, N1129.3

LOCATION.--Lat 40°41'24", long 73°39'49", Hydrologic Unit 02030202, at west side of Euclid Avenue, 30 ft south of Hawthorne Street, West Hempstead. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 55 ft, screened 45 to 50 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 51.0 ft above sea level. Measuring point: Top of casing, 0.81 ft below land-surface datum.

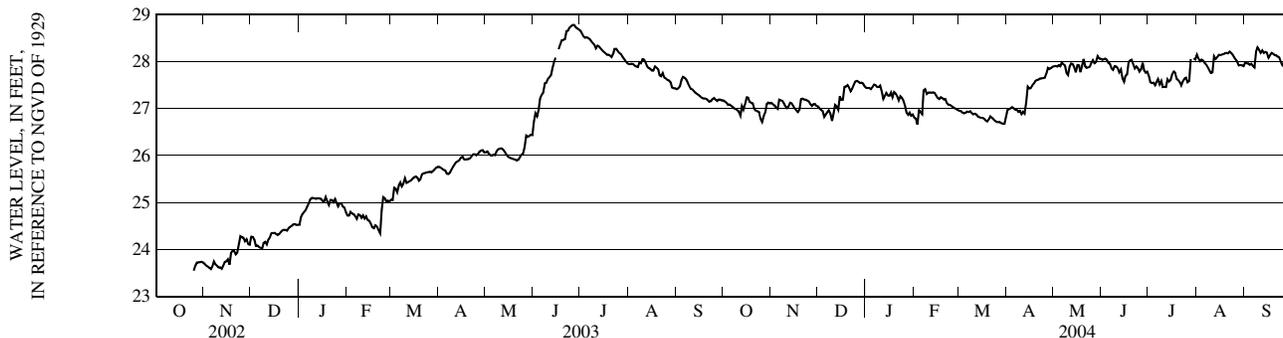
REMARKS.--Replaced well N1129.2 in October 2002 near same location.

PERIOD OF RECORD.--October 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.75 ft above sea level, June 25, 2003; lowest measured, 23.55 ft above sea level, October 25, 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	27.09	26.99	26.82	27.45	26.92	26.91	27.00	27.90	27.97	27.50	28.02	27.95
10	26.96	27.05	26.74	27.49	27.34	26.88	26.88	27.71	27.89	27.46	27.75	28.25
15	27.09	27.05	27.26	27.27	27.28	26.80	27.43	27.77	27.57	27.60	28.14	28.19
20	27.11	27.20	27.50	27.32	27.19	26.77	27.61	28.05	28.04	27.60	28.18	28.13
25	26.78	27.15	27.57	27.16	27.05	26.71	27.65	27.97	27.78	27.65	28.09	27.92
EOM	27.11	27.05	27.47	26.87	26.97	26.82	27.89	28.06	27.79	28.04	27.90	28.47
MEAN	27.02	27.09	27.22	27.26	27.13	26.82	27.35	27.92	27.87	27.63	28.03	28.09
MAX	27.24	27.21	27.58	27.51	27.41	26.95	27.89	28.11	28.06	28.07	28.21	28.47
MIN	26.72	26.92	26.74	26.84	26.66	26.67	26.88	27.71	27.57	27.46	27.75	27.84
WTR YR	2004	MEAN 27.45	MAX 28.47	MIN 26.66								



405027073272602. Local number, N1243.5

LOCATION.--Lat 40°50'26", long 73°27'20", Hydrologic Unit 02030201, at south side of Stillwell Road, 98 ft west of Harbor Road, Cold Spring Harbor. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 1/4 in., depth 28 ft, screened 25 to 28 ft.

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

DATUM.--Land-surface datum is 64.0 ft above sea level. Measuring point: Top of casing, 0.92 ft below land-surface datum.

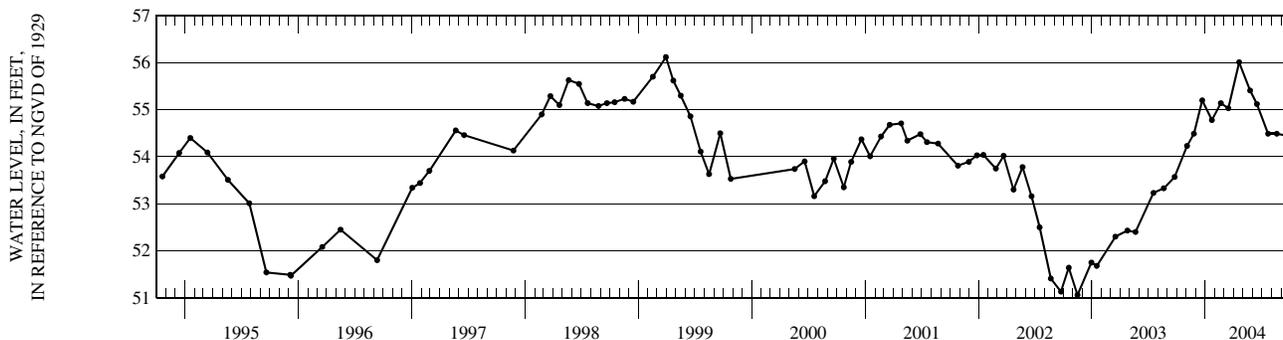
REMARKS.--Replaced well N1243.4 in September 1975 near same location, which has a period of record from November 1939 to September 1975.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.70 ft above sea level, March 21, 1978; lowest measured, 51.06 ft above sea level, November 15, 2002.

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

DATE	WATER LEVEL										
NOV 03	54.23	DEC 22	55.20	FEB 20	55.14	APR 19	56.01	JUN 15	55.12	AUG 18	54.49
25	54.49	JAN 22	54.78	MAR 15	55.03	MAY 24	55.41	JUL 21	54.49	SEP 28	54.44



GROUND-WATER LEVELS
NASSAU COUNTY—Continued

404317073291105. Local number, N1259.5

LOCATION.--Lat 40°43'16", long 73°29'10", Hydrologic Unit 02030202, at south side of Mary Lane, 79 ft east of Hicksville Road (State Route 107), Plainedge. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 1/4 in., depth 41 ft, screened 38 to 41 ft.

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

DATUM.--Land-surface datum is 78.0 ft above sea level. Measuring point: Top of casing, 0.08 ft above land-surface datum.

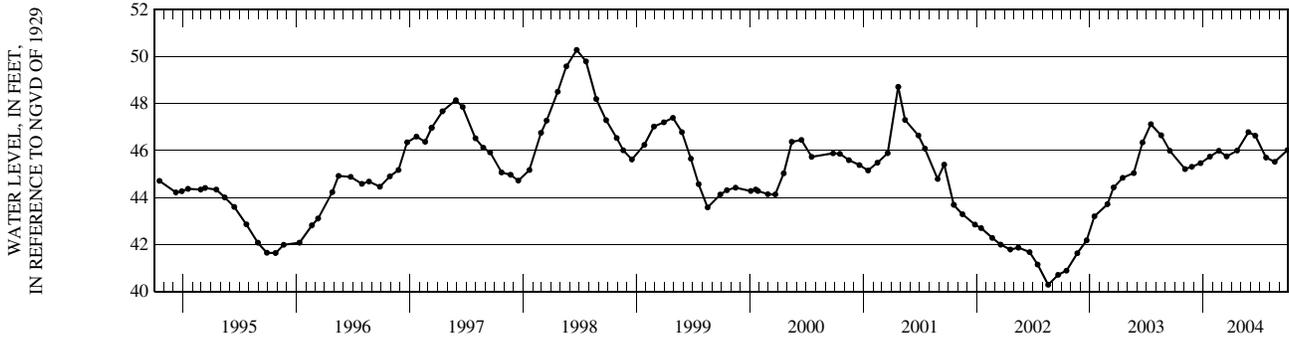
REMARKS.--Replaced well N1259.4 in June 1961 near same location.

PERIOD OF RECORD.--June 1961 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.60 ft above sea level, February 21, 1978; lowest measured, 40.29 ft above sea level, August 19, 2002.

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

DATE	WATER LEVEL										
NOV 03	45.21	DEC 23	45.46	FEB 20	45.99	APR 19	46.00	JUN 16	46.63	AUG 18	45.52
25	45.31	JAN 22	45.74	MAR 16	45.75	MAY 25	46.78	JUL 21	45.70	SEP 28	46.02



404454073393001. Local number, N1614.5

LOCATION.--Lat 40°44'54", long 73°39'30", Hydrologic Unit 02030202, at northwest corner of Wilson Street and Herricks Road, North Hempstead. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water-table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 75 ft, screened 65 to 70 ft.

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

DATUM.--Land-surface datum is 102.0 ft above sea level. Measuring point: Top of casing, 0.22 ft below land-surface datum.

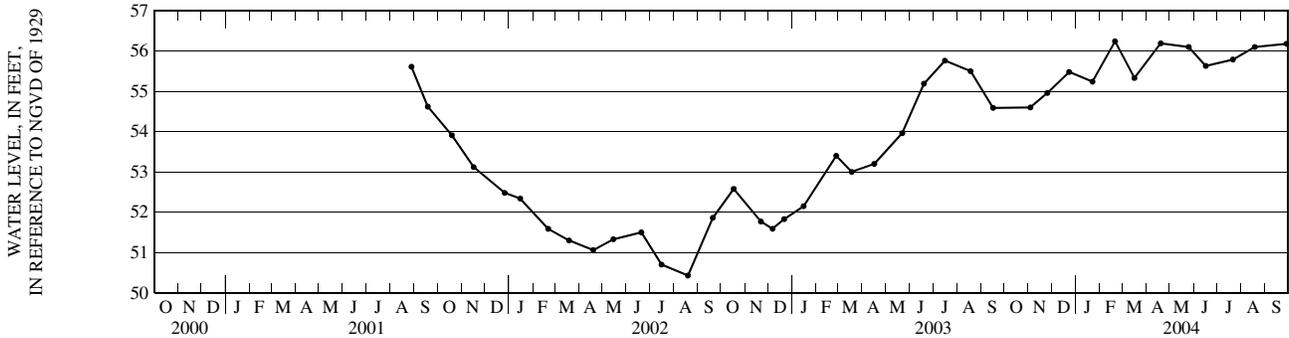
REMARKS.--Replaced well N 1614.4 in July 2001 near same location.

PERIOD OF RECORD.--August 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.24 ft above sea level, February 20, 2004; lowest measured, 50.43 ft above sea level, August 19, 2002.

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

DATE	WATER LEVEL										
NOV 03	54.60	DEC 23	55.48	FEB 20	56.24	APR 19	56.19	JUN 16	55.63	AUG 18	56.10
25	54.96	JAN 22	55.24	MAR 16	55.33	MAY 25	56.10	JUL 21	55.79	SEP 28	56.18



GROUND-WATER LEVELS

NASSAU COUNTY—Continued

404210073340801. Local number, N1615.4

LOCATION.--Lat 40°42'10", long 73°34'08", Hydrologic Unit 02030202, at south side of Van Buren Avenue, 34 ft west of Merrick Avenue, Freeport. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 33 ft, screened 30 to 33 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 61.0 ft above sea level. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

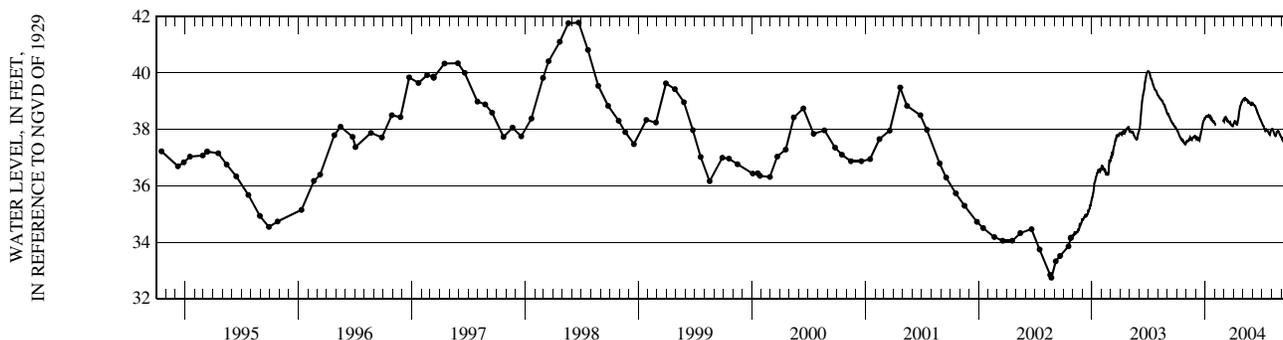
REMARKS.--Replaced well N1615.3 in October 1989 near same location.

PERIOD OF RECORD.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.45 ft above sea level, June 11, 1990; lowest measured, 32.74 ft above sea level, August 23, 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	37.91	37.58	37.68	38.47	---	38.42	38.26	39.10	38.86	38.13	38.00	37.63
10	37.76	37.62	37.63	38.47	---	38.33	38.18	39.07	38.80	38.01	37.83	37.73
15	37.67	37.67	37.75	38.46	---	38.28	38.33	39.04	38.66	38.00	37.77	37.81
20	37.57	37.69	37.99	38.37	---	38.22	38.68	38.96	38.52	37.93	37.93	37.76
25	37.51	37.72	38.25	38.26	---	38.14	38.88	38.89	38.38	37.83	37.88	37.67
EOM	37.53	37.72	38.39	38.22	38.29	38.15	39.01	38.92	38.26	37.97	37.75	37.78
MEAN	37.68	37.66	37.92	38.39	---	38.26	38.51	39.00	38.62	37.98	37.88	37.72
MAX	37.99	37.77	38.39	38.49	---	38.43	39.01	39.10	38.93	38.23	38.02	37.84
MIN	37.48	37.56	37.62	38.22	---	38.11	38.16	38.88	38.26	37.81	37.75	37.59
WTR YR	2004	MEAN 38.15	MAX 39.10	MIN 37.48								



404554073351502. Local number, N1616.2

LOCATION.--Lat 40°45'54", long 73°35'15", Hydrologic Unit 02030202, at south side of Argyle Road, 40 ft west of Post Avenue, southern intersection, Old Westbury. Owner: Nassau County Department of Public Works.

AQUIFER.--Magothy (water table).

WELL CHARACTERISTICS.--Driven steel observation well, diameter 1 1/4 in., depth 68 ft, screened 65 to 68 ft.

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

DATUM.--Land-surface datum is 122.5 ft above sea level. Measuring point: Top of casing, 0.42 ft below land-surface datum.

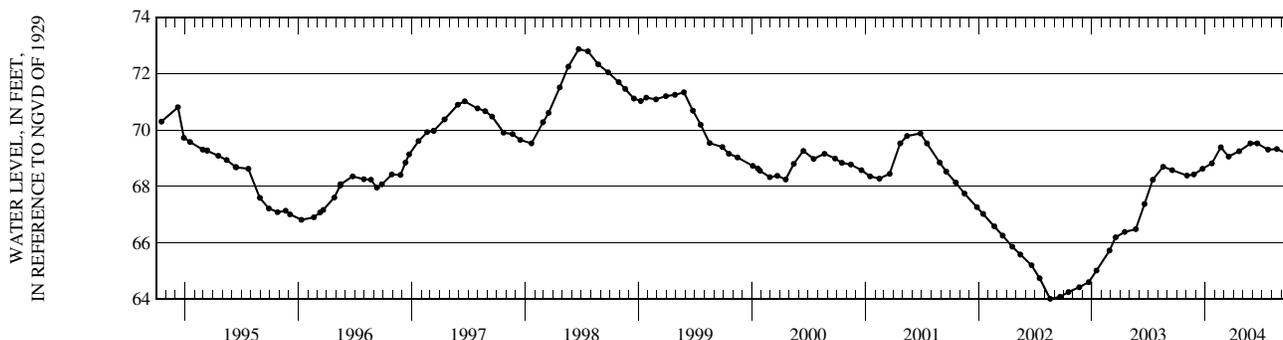
REMARKS.--Replaced well N1616.1 in October 1965 near same location, which has a period of record from March 1913 to October 1965. Well N1616.1 was screened in the upper glacial aquifer.

PERIOD OF RECORD.--October 1965 to current year. Unpublished record from October 1965 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.14 ft above sea level, June 20, 1980; lowest measured, 64.02 ft above sea level, August 19, 2002.

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

DATE	WATER LEVEL										
NOV 03	68.39	DEC 23	68.63	FEB 20	69.39	APR 19	69.25	JUN 16	69.53	AUG 18	69.33
25	68.43	JAN 22	68.82	MAR 16	69.06	MAY 25	69.53	JUL 21	69.31	SEP 28	69.12



GROUND-WATER LEVELS
NASSAU COUNTY—Continued

403751073440201. Local number, N3861.1

LOCATION.--Lat 40°37'51", long 73°44'01", Hydrologic Unit 02030202, at Cedarhurst Water Pollution Control Plant, 28 ft east of Arlington Place, north of Peninsula Boulevard, Cedarhurst. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 530 ft, screened 519 to 530 ft.

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

DATUM.--Land-surface datum is 7.0 ft above sea level. Measuring point: Top of casing, 2.37 ft above land-surface datum.

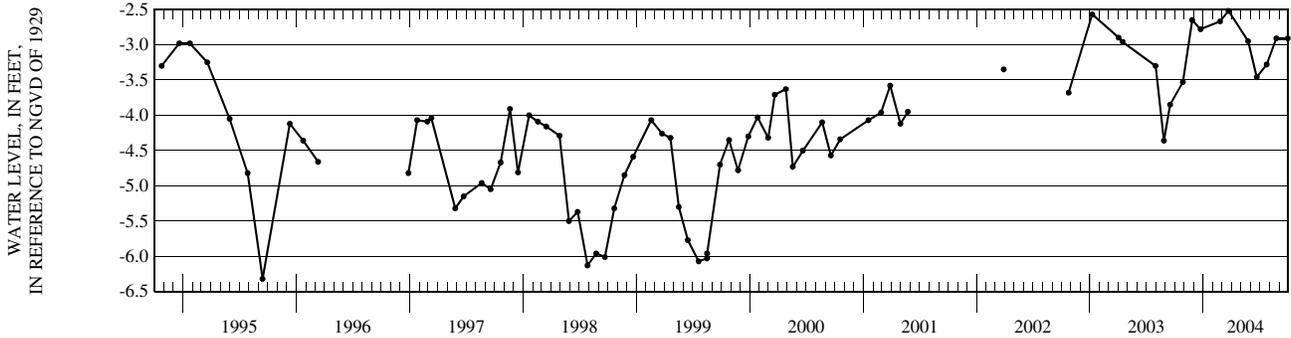
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--April 1952 to current year. Unpublished records from April 1952 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.09 ft below sea level, March 20, 1991; lowest measured, 7.57 ft below sea level, August 7, 1955.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 27	-3.53	DEC 23	-2.78	MAR 22	-2.52	JUN 21	-3.46	AUG 23	-2.91		
NOV 26	-2.65	FEB 24	-2.67	MAY 24	-2.95	JUL 23	-3.28	SEP 29	-2.91		



403911073432701. Local number, N3867.2

LOCATION.--Lat 40°39'12", long 73°43'20", Hydrologic Unit 02030202, at Brook Road Park, 35 ft south of Brook Road, 41 ft east of stream, easternmost well, Green Acres. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 517 ft, screened 505 to 517 ft.

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

DATUM.--Land-surface datum is 7.7 ft above sea level. Measuring point: Top of casing, 1.54 ft above land-surface datum.

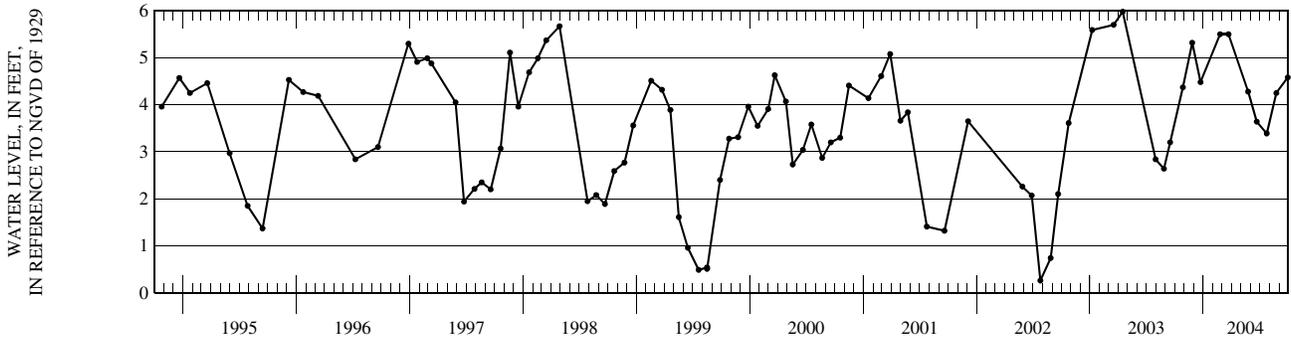
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--January 1953 to current year. Unpublished records from January 1953 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.99 ft above sea level, January 28, 1953; lowest measured, 2.61 ft below sea level, July 19, 1977.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 27	4.37	DEC 23	4.48	MAR 22	5.50	JUN 21	3.64	AUG 23	4.25		
NOV 26	5.32	FEB 24	5.50	MAY 24	4.28	JUL 23	3.39	SEP 29	4.58		



NASSAU COUNTY—Continued

403751073440202. Local number, N3932.1

LOCATION.--Lat 40°37'51", long 73°44'01", Hydrologic Unit 02030202, at Cedarhurst Water Pollution Control Plant, 37 ft east of Arlington Place, north of Peninsula Boulevard, Cedarhurst. Owner: Nassau County Department of Public Works.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 178 ft, screened 172 to 176 ft.

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

DATUM.--Land-surface datum is 7.0 ft above sea level. Measuring point: Top of steel extender, 3.24 ft above land-surface datum.

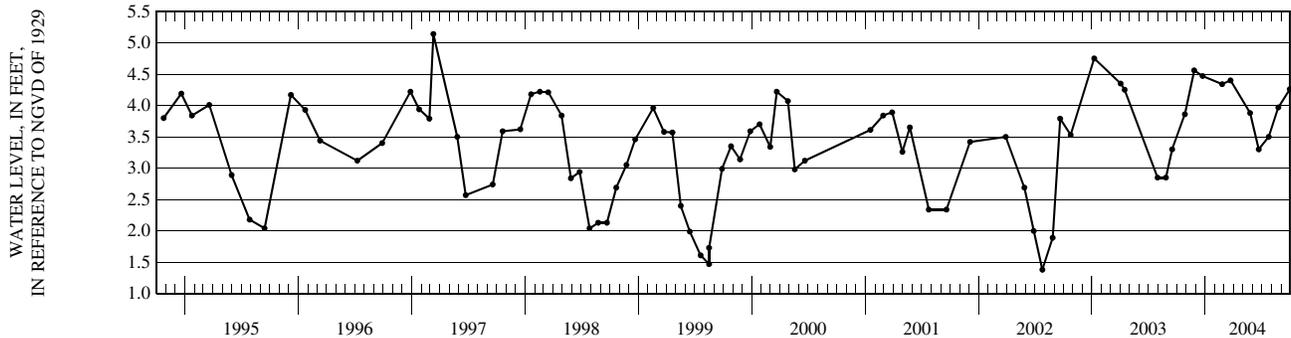
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--June 1952 to current year. Unpublished records from June 1952 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.13 ft above sea level, November 10, 1975; lowest measured, 0.30 ft above sea level, September 20, 1977.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 27	3.86	DEC 23	4.47	MAR 22	4.40	JUN 21	3.30	AUG 23	3.97		
NOV 26	4.56	FEB 24	4.34	MAY 24	3.88	JUL 23	3.50	SEP 29	4.26		



403911073432001. Local number, N4213.1

LOCATION.--Lat 40°39'12", long 73°43'20", Hydrologic Unit 02030202, at Brook Road Park, 34 ft south of Brook Road, 32 ft east of stream, westernmost well, Green Acres. Owner: Nassau County Department of Public Works.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 134 ft, screened 130 to 134 ft.

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

DATUM.--Land-surface datum is 5.0 ft above sea level. Measuring point: Top of casing, 3.42 ft above land-surface datum.

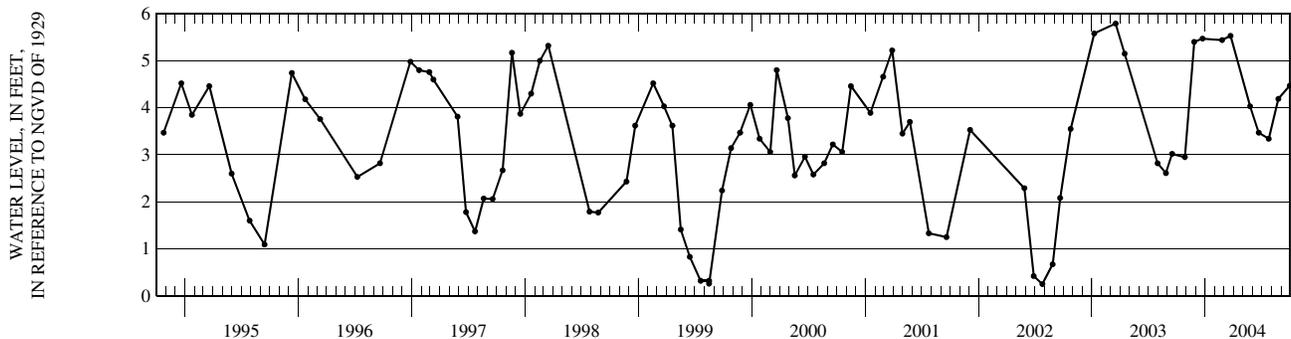
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--February 1968 to current year. Unpublished records from February 1968 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.33 ft above sea level, June 30, 1975; lowest measured, 2.40 ft below sea level, March 22, 1972.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 27	2.95	DEC 23	5.47	MAR 22	5.53	JUN 21	3.47	AUG 23	4.19		
NOV 26	5.40	FEB 24	5.44	MAY 24	4.03	JUL 23	3.34	SEP 29	4.47		



405125073420702. Local number, N6282.2

LOCATION.--Lat 40°51'25", long 73°42'07", Hydrologic Unit 02030201, at Helen Keller National Center for Deaf-Blind Youths and Adults, 300 ft north of Middle Neck Road, westernmost well, Sands Point. Owner: United States Geological Survey.

AQUIFER.--Port Washington (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 6 in., depth 396 ft, screened 378 to 388 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 100.9 ft above sea level. Measuring point: Top of 6-in casing, 1.32 ft above land-surface datum.

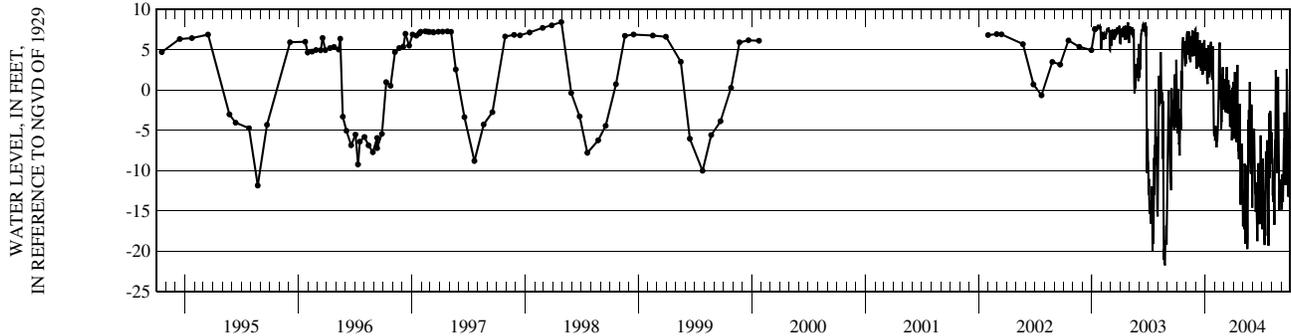
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--August 1957 to January 2000 and January 2002 to current year. Unpublished records from August 1957 to September 1975 are available in the files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.49 ft above sea level, May 31 and June 1, 1983; lowest measured, 28.36 ft below sea level, February 17, 1982.

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	0.16	4.42	2.88	4.34	-6.07	-2.11	2.25	-17.25	-5.41	-11.98	-13.08	-10.44
10	-8.11	4.32	3.12	4.89	-4.77	2.85	-6.43	-11.06	-12.97	-19.21	-16.69	-5.98
15	2.40	5.99	5.01	2.61	5.61	1.25	-3.88	-19.71	-16.25	-8.56	2.51	-11.79
20	6.10	7.43	5.39	2.36	-0.56	-4.54	-6.39	-2.44	-9.06	-11.62	-10.28	-1.45
25	5.14	4.42	5.12	5.42	-1.16	-2.66	-10.74	-9.18	-11.90	-2.85	-9.16	-9.10
EOM	3.59	7.59	2.45	-4.44	-1.90	1.03	-14.47	-14.56	-12.42	-9.10	-11.85	-7.29
MEAN	0.28	5.98	4.25	1.98	-1.95	-1.56	-5.69	-10.25	-11.53	-11.72	-8.63	-8.06
MAX	6.59	7.59	7.17	5.99	5.89	2.85	3.13	1.03	-4.76	-2.58	2.51	2.64
MIN	-8.11	3.47	1.92	-5.64	-7.08	-6.22	-14.47	-19.71	-18.73	-19.29	-16.69	-14.79
WTR YR	2004	MEAN -3.91	MAX 7.59	MIN -19.71								



405125073420705. Local number, N6342.1

LOCATION.--Lat 40°51'25", long 73°42'07", Hydrologic Unit 02030201, at Helen Keller National Center for Deaf-Blind Youths and Adults, 300 ft north of Middle Neck Road, easternmost well, Sands Point. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 1 1/4 in., depth 185 ft, screened 183 to 185 ft.

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

DATUM.--Land-surface datum is 97.0 ft above sea level. Measuring point: Top of casing, 3.99 ft above land-surface datum.

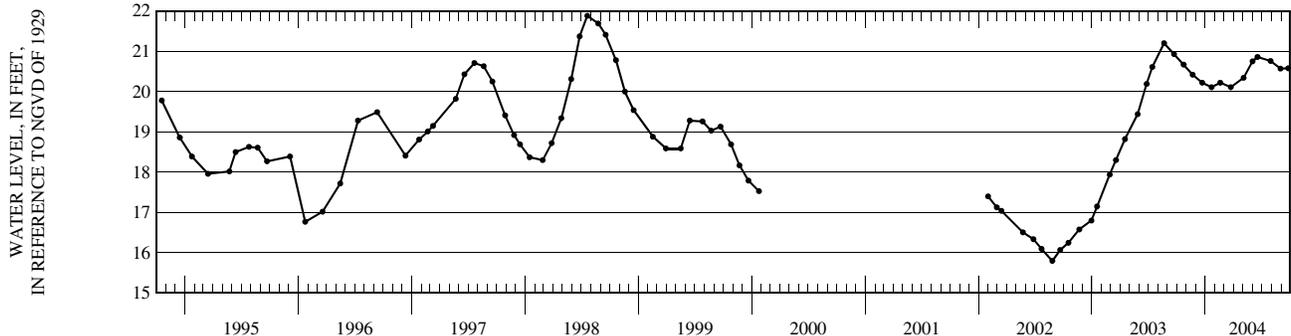
REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--August 1957 to January 2000 and January 2002 to current year. Unpublished records from August 1957 to September 1987 are available in the files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.99 ft above sea level, September 14, 1984; lowest measured, 14.06 ft above sea level, February 28, 1967.

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

DATE	WATER LEVEL										
OCT 23	20.67	DEC 22	20.22	FEB 18	20.22	MAY 03	20.34	JUN 17	20.86	AUG 30	20.57
NOV 21	20.42	JAN 21	20.11	MAR 23	20.11	JUN 01	20.75	JUL 29	20.76	SEP 24	20.58



NASSAU COUNTY—Continued

403517073430610. Local number, N6701.2

LOCATION.--Lat 40°35'17", long 73°43'06", Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in easternmost recorder shelter, Atlantic Beach. Owner: United States Geological Survey.

AQUIFER.--Raritan (Confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 837 ft, screened 822 to 832 ft.

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

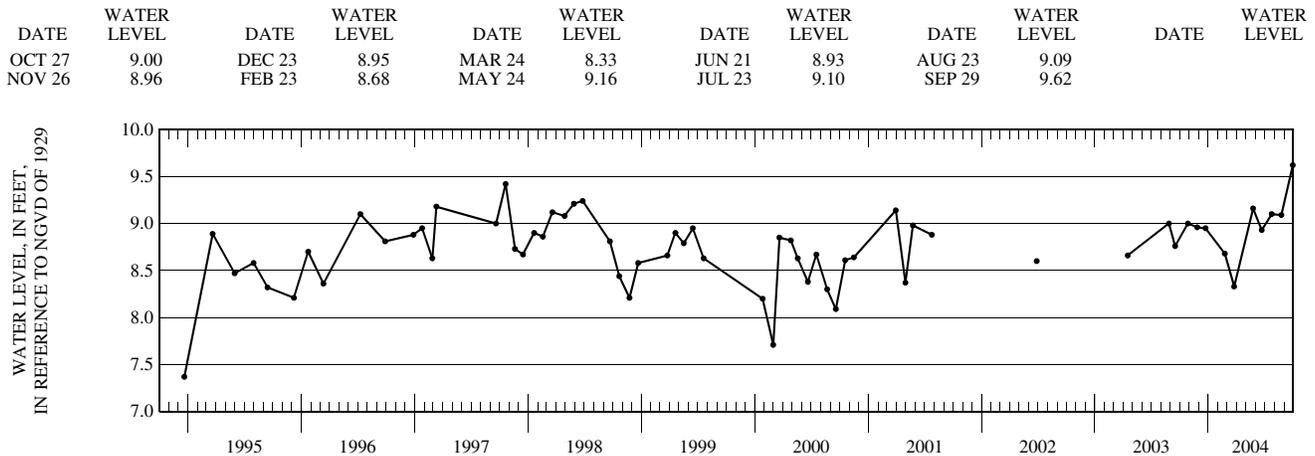
DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of coupling, 1.06 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--August 1959 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.62 ft above sea level, September 29, 2004; lowest measured, 2.57 ft below sea level, October 30, 1968.

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



403517073430702. Local number, N6702.1

LOCATION.--Lat 40°35'17", long 73°43'06", Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in easternmost recorder shelter, Atlantic Beach. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 677 ft, screened 666 to 677 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 11.0 ft above sea level. Measuring point: Top of coupling, 1.04 ft above land-surface datum.

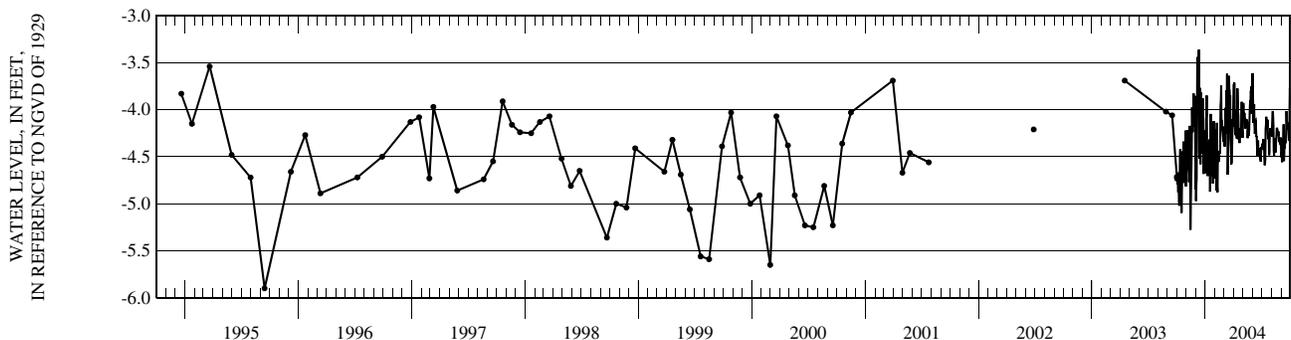
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--September 1959 to current year. Unpublished records from September 1959 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.50 ft below sea level, April 13, 1961; lowest measured, 6.58 ft below sea level, November 30, 1972.

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	-4.87	-4.22	-4.18	-3.85	-4.86	-4.11	-4.16	-4.03	-4.05	-4.31	-4.02	-4.31
10	-4.82	-4.68	-3.85	-4.35	-4.52	-3.98	-4.22	-4.11	-4.12	-4.59	-4.39	-4.55
15	-4.63	-5.03	-4.10	-4.32	-4.45	-4.35	-4.02	-4.14	-4.36	-4.08	-4.42	-4.31
20	-4.71	-4.16	-4.03	-4.71	-3.91	-3.87	-4.35	-4.27	-4.48	-4.26	-4.21	-4.16
25	-4.74	-4.16	-4.15	-4.79	-4.22	-4.57	-4.30	-3.91	-4.52	-4.43	-4.34	-4.26
EOM	-4.75	-4.85	-4.58	-4.64	-4.26	-3.94	-4.30	-3.82	-4.42	-4.25	-4.32	-3.95
MEAN	-4.68	-4.40	-4.23	-4.43	-4.37	-4.15	-4.10	-4.07	-4.27	-4.32	-4.28	-4.27
MAX	-4.22	-3.83	-3.36	-3.85	-3.74	-3.62	-3.71	-3.75	-3.61	-4.08	-4.02	-3.77
MIN	-5.10	-5.28	-4.97	-4.87	-4.88	-4.69	-4.35	-4.30	-4.55	-4.59	-4.49	-4.56
WTR YR	2004	MEAN	-4.30	MAX	-3.36	MIN	-5.28					



GROUND-WATER LEVELS
NASSAU COUNTY—Continued

403517073430705. Local number, N6705.1

LOCATION.--Lat 40°35'17", long 73°43'06", Hydrologic Unit 02030202, at pumping center, 0.1 mi west of end of Park Street, 300 ft north of Beech Street, in westernmost recorder shelter, Atlantic Beach. Owner: United States Geological Survey.

AQUIFER.--Jameco (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 157 ft, screened 147 to 157 ft.

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

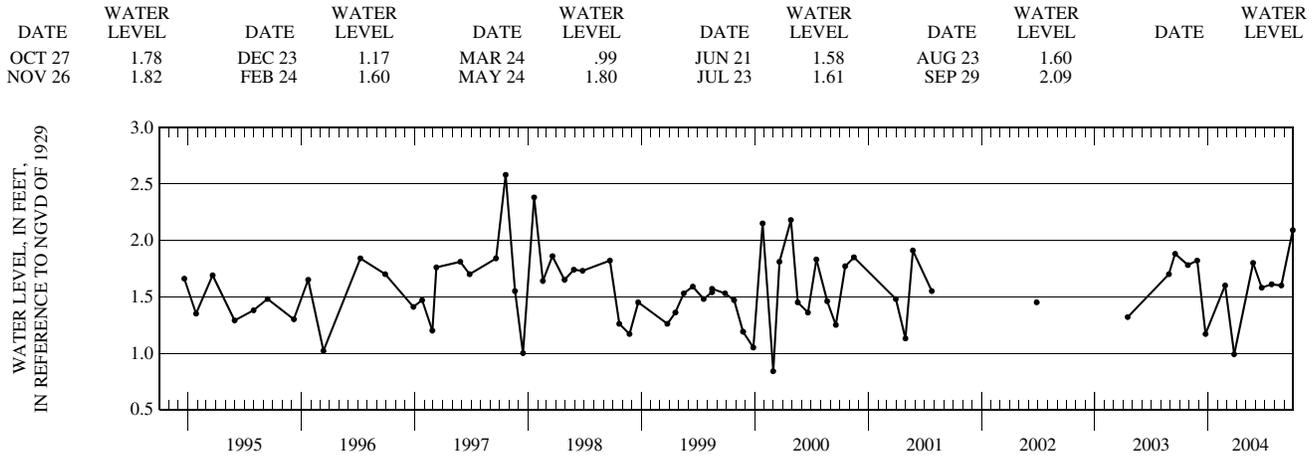
DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of coupling, 2.45 ft above land-surface datum.

REMARKS.--Water level affected by tidal fluctuation.

PERIOD OF RECORD.--February 1968 to current year. Unpublished records from February 1968 to September 1968 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.12 ft above sea level, March 3, 1969; lowest measured, 2.77 ft below sea level, April 5, 1973.

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



404237073433701. Local number, N7493.1

LOCATION.--Lat 40°42'36", long 73°43'35", Hydrologic Unit 02030202, at west side of Cross Island Parkway exit ramp (Hempstead Turnpike eastbound), 21 ft south of Hempstead Turnpike, Elmont. Owner: United States Geological Survey.

AQUIFER.--Magothy (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 353 ft, screened 349 to 353 ft.

INSTRUMENTATION.--Digital water-level recorder.

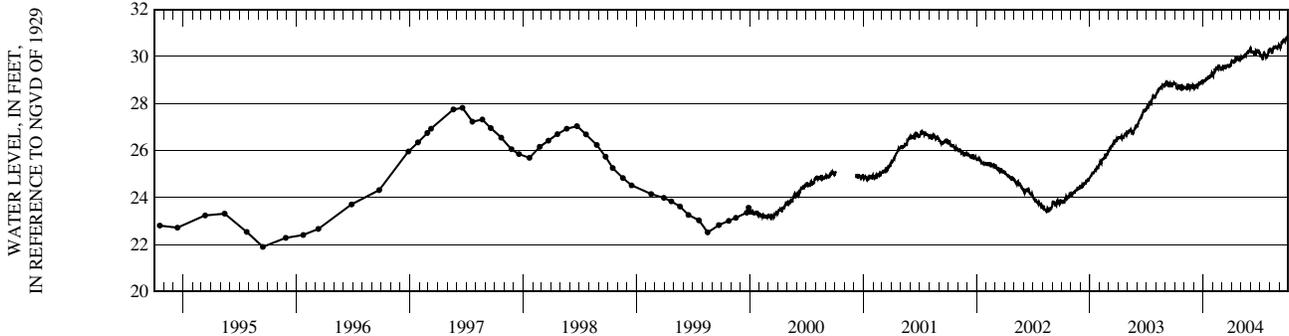
DATUM.--Land-surface datum is 75.0 ft above sea level. Measuring point: Top of casing, 1.02 ft above land-surface datum.

PERIOD OF RECORD.--April 1964 to current year. Unpublished records from April 1964 to September 1975 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.97 ft above sea level, September 29, 2004; lowest measured, 3.52 ft above sea level, August 8, 1982.

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	28.78	28.67	28.68	28.97	29.25	29.55	29.75	29.98	30.20	30.04	30.32	30.36
10	28.63	28.64	28.72	29.01	29.49	29.48	29.80	29.99	30.15	29.94	30.17	30.61
15	28.79	28.70	28.84	29.11	29.50	29.51	29.94	30.06	30.09	30.18	30.34	30.65
20	28.63	28.82	28.85	29.09	29.59	29.59	29.93	30.15	30.16	30.04	30.40	30.64
25	28.59	28.74	28.94	29.14	29.51	29.53	29.83	30.21	30.18	30.06	30.35	30.74
EOM	28.66	28.72	28.90	29.31	29.50	29.75	29.88	30.36	30.18	30.29	30.50	30.95
MEAN	28.71	28.71	28.81	29.10	29.45	29.58	29.85	30.09	30.19	30.06	30.34	30.64
MAX	28.88	28.84	29.03	29.32	29.64	29.75	29.99	30.36	30.38	30.29	30.50	30.95
MIN	28.58	28.57	28.62	28.88	29.16	29.47	29.73	29.93	30.03	29.90	30.12	30.36
WTR YR	2004	MEAN 29.63	MAX 30.95	MIN 28.57								



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.

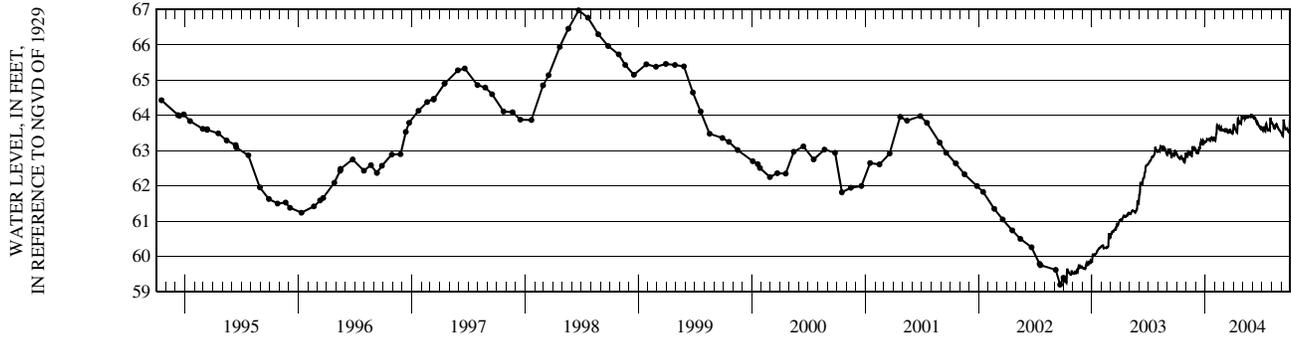
REMARKS.--Prior to April 1967, well at site (N 1258.1) was screened in the upper glacial aquifer. Well N1258.1 was replaced by well N8269.1 in April 1967, which was replaced by well N8269.2 in June 1976 near same location.

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.

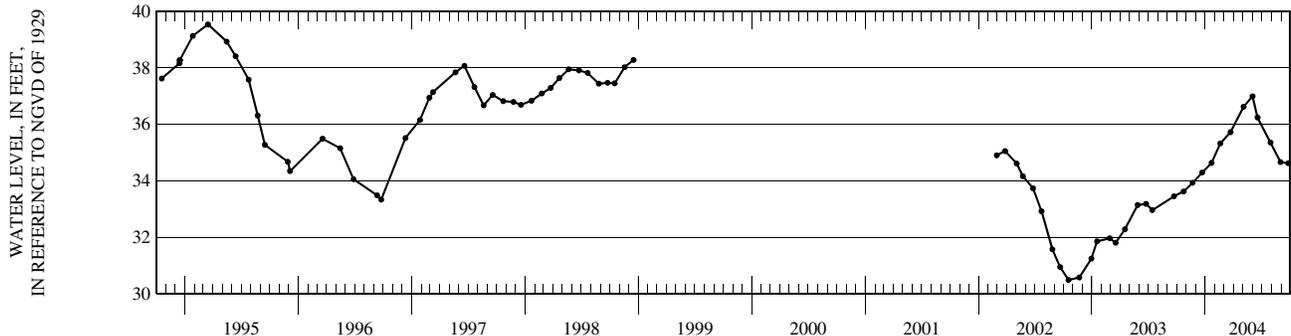
REMARKS.--Replaced well N1121.2 in March 1967 near same location.

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



GROUND-WATER LEVELS
 NASSAU COUNTY—Continued

404232073432501. Local number, N9979.1

LOCATION.--Lat 40°42'32", long 73°43'25", Hydrologic Unit 02030202, at west side of Wellington Road, 279 ft south of Hempstead Turnpike, Elmont. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 95 ft, screened 87 to 92 ft.

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

DATUM.--Land-surface datum is 71.0 ft above sea level. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

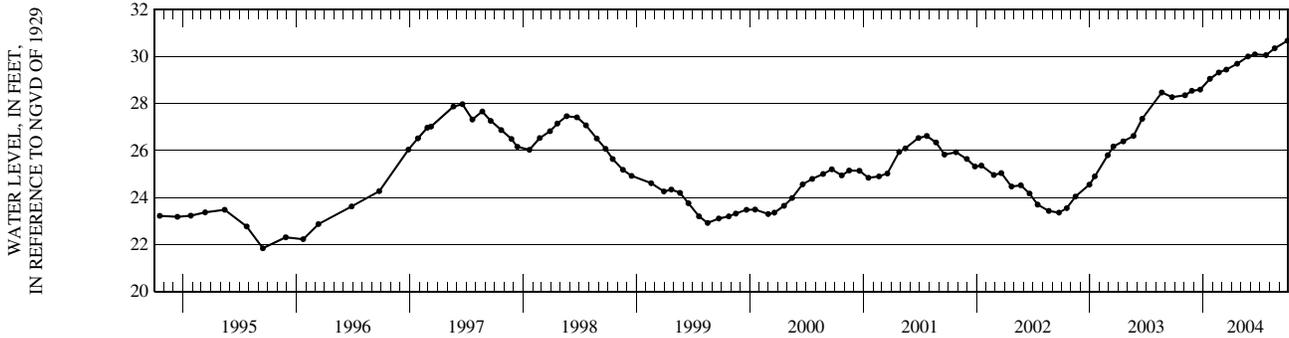
REMARKS.--Replaced well N1622.4 in June 1982 near same location.

PERIOD OF RECORD.--December 1982 to current year. Unpublished records from December 1982 to September 1987 are available in files of the Long Island Subdistrict Office.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.67 ft above sea level, September 28, 2004; lowest measured, 5.39 ft above sea level, April 8, 1983.

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

DATE	WATER LEVEL										
NOV 03	28.35	DEC 22	28.59	FEB 20	29.32	APR 19	29.69	JUN 15	30.09	AUG 18	30.35
25	28.54	JAN 22	29.05	MAR 15	29.44	MAY 24	30.00	JUL 21	30.06	SEP 28	30.67



404338073371502. Local number, N10035.1

LOCATION.--Lat 40°43'38", long 73°37'15", Hydrologic Unit 02030202, at north side of Commercial Avenue, 60 ft east of Clinton Avenue, Garden City. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 56 ft, screened 48 to 53 ft.

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

DATUM.--Land-surface datum is 77.6 ft above sea level. Measuring point: Top of coupling, 0.38 ft below land-surface datum.

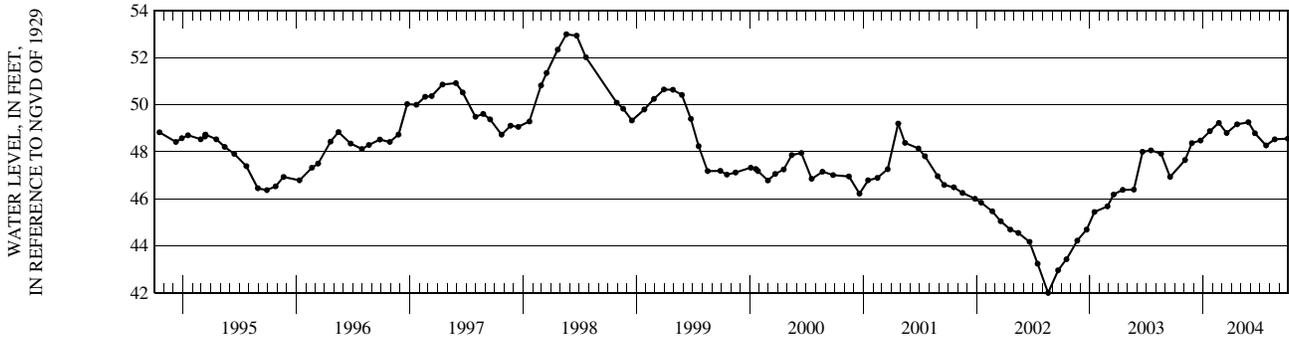
REMARKS.--Replaced well N1255.2 in October 1982 near same location.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.04 ft above sea level, August 8, 1984; lowest measured, 42.00 ft above sea level, August 19, 2002.

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

DATE	WATER LEVEL										
NOV 03	47.65	DEC 23	48.48	FEB 20	49.23	APR 19	49.17	JUN 15	48.79	AUG 18	48.53
25	48.37	JAN 22	48.88	MAR 16	48.80	MAY 25	49.26	JUL 21	48.27	SEP 29	48.56



NASSAU COUNTY—Continued

405009073293501. Local number, N11394.1

LOCATION.--Lat 40°50'09", long 73°29'35", Hydrologic Unit 02030201, at south side of Foxhunt Crescent South Road, east of Fox Court, in recharge basin #531, Oyster Bay Cove.
 Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled steel observation well, diameter 4 in., depth 685 ft, screened 660 to 680 ft.

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

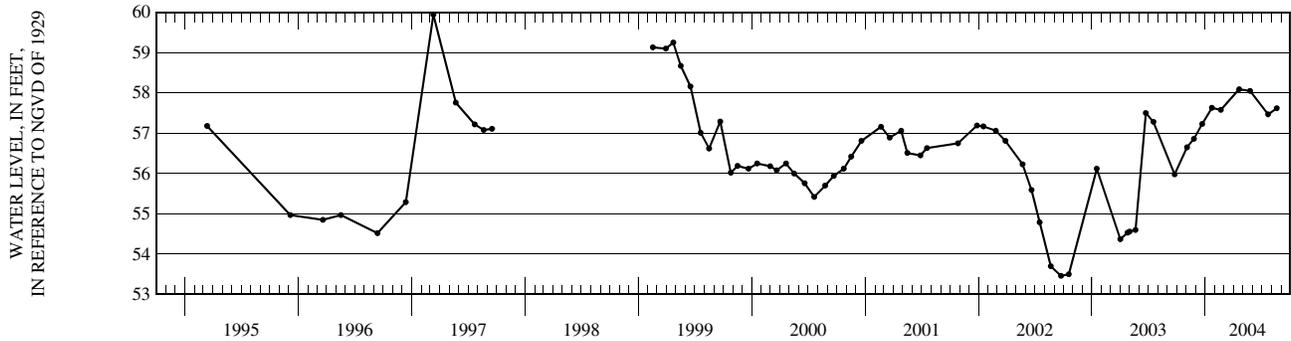
DATUM.--Land-surface datum is 212.0 ft above sea level. Measuring point: Top of coupling, 0.48 ft below land-surface datum.

PERIOD OF RECORD.--August 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.12 ft above sea level, March 11, 1991; lowest measured, 53.46 ft above sea level, September 23, 2002.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
NOV 03	56.65	DEC 22	57.23	FEB 20	57.58	MAY 24	58.05	AUG 18	57.62		
25	56.86	JAN 22	57.63	APR 19	58.09	JUL 21	57.47				



404853073421101. Local number, N12134.1

LOCATION.--Lat 40°48'53", long 73°42'11", Hydrologic Unit 02030201, at northside of Rock Hollow Road, eastside of Plandome Road, outside of entrance to Leeds Pond Preserve, Plandome Manor. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 380 ft, screened 345 to 365 ft.

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

DATUM.--Land-surface datum is 10.0 ft above sea level. Measuring point: Top of casing, 0.69 ft below land-surface datum.

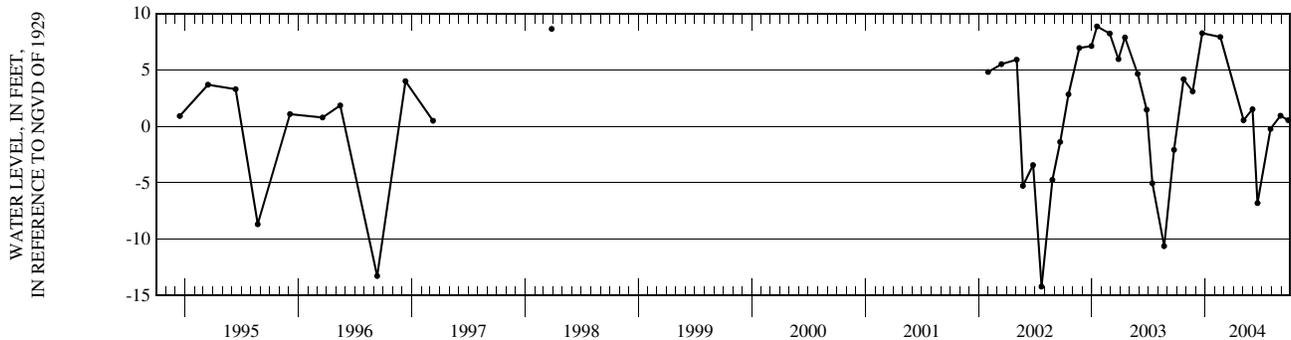
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--December 1992 to March 1998 and January 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.86 ft above sea level, January 17, 2003; lowest measured, 14.20 ft below sea level, July 22, 2002.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
OCT 23	4.18	DEC 22	8.26	MAY 03	.54	JUN 17	-6.80	AUG 30	.95		
NOV 21	3.10	FEB 18	7.92	JUN 01	1.52	JUL 29	-.23	SEP 24	.55		



GROUND-WATER LEVELS
NASSAU COUNTY—Continued

404303073295501. Local number, N12250.1

LOCATION.--Lat 40°43'03", long 73°29'55", Hydrologic Unit 02030202, at east side of Emerald Lane, 87 ft south of Miller Place, Levittown. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 49 ft, screen assumed at bottom.

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

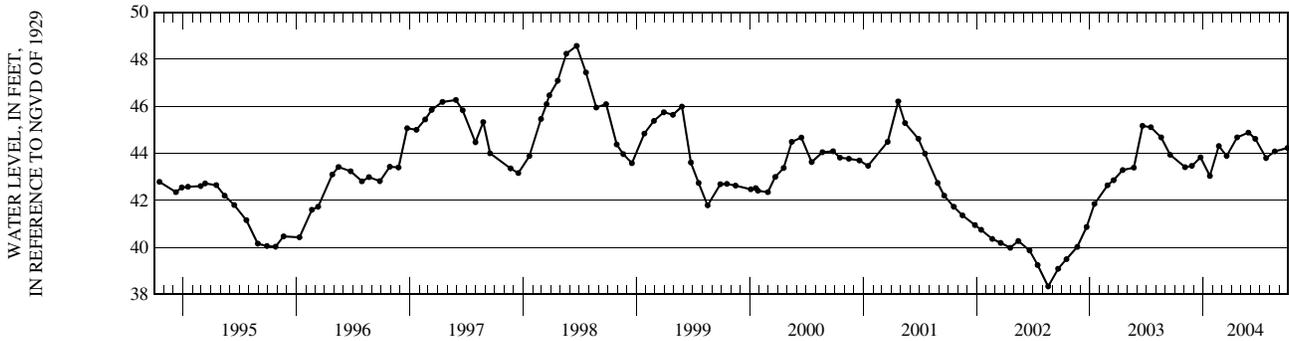
DATUM.--Land-surface datum is 71.0 ft above sea level. Measuring point: Top of coupling, 0.66 ft below land-surface datum.

PERIOD OF RECORD.--April 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.57 ft above sea level, June 22, 1998; lowest measured, 38.34 ft above sea level, August 19, 2002.

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

DATE	WATER LEVEL										
NOV 03	43.41	DEC 23	43.83	FEB 20	44.31	APR 19	44.68	JUN 16	44.62	AUG 18	44.08
25	43.47	JAN 22	43.04	MAR 16	43.89	MAY 25	44.88	JUL 21	43.80	SEP 28	44.23



404925073405401. Local number, N12321.1

LOCATION.--Lat 40°49'25", long 73°40'54", Hydrologic Unit 02030201, at southside of Revere Drive, Port Washington. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 577 ft, screened 557 to 577 ft.

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

DATUM.--Land-surface datum is 154.0 ft above sea level. Measuring point: Top of casing, 0.46 ft below land-surface datum.

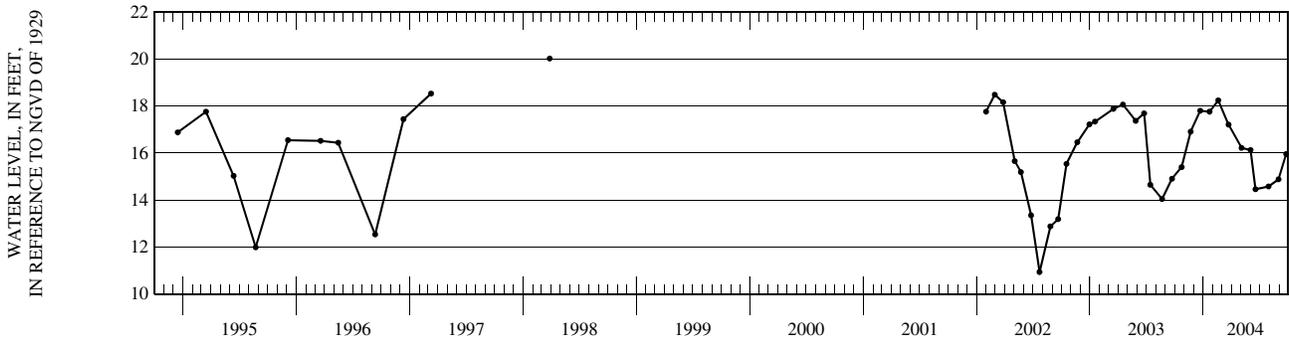
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--March 1994 to March 1998 and January 2002 current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.02 ft above sea level, March 27, 1998; lowest measured, 10.94 ft below sea level, July 22, 2002.

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

DATE	WATER LEVEL										
OCT 23	15.40	DEC 22	17.80	FEB 18	18.24	MAY 03	16.22	JUN 17	14.46	AUG 30	14.88
NOV 21	16.91	JAN 21	17.76	MAR 22	17.21	JUN 01	16.13	JUL 29	14.58	SEP 24	15.96



NASSAU COUNTY—Continued

404607073430801. Local number, N12450.1

LOCATION.--Lat 40°46'07", long 73°43'08", Hydrologic Unit 02030201, at west side of Links Drive, south of Horace Harding Boulevard, Lake Success. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 685 ft, screened 660 to 680 ft.

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

DATUM.--Land-surface datum is 220.0 ft above sea level. Measuring point: Top of coupling, 0.31 ft below land-surface datum.

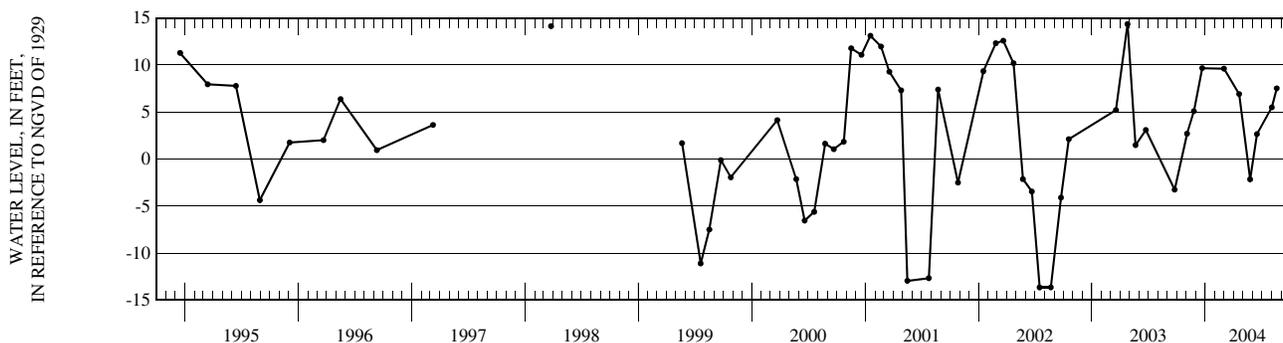
REMARKS.--Water level affected by tidal fluctuation and nearby pumping.

PERIOD OF RECORD.--March 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.35 ft above sea level, April 25, 2003; lowest measured, 13.64 ft below sea level, July 16 and August 21, 2002.

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

DATE	WATER LEVEL	DATE	WATER LEVEL								
NOV 03	2.70	DEC 22	9.67	APR 19	6.91	JUN 15	2.66	AUG 18	7.52		
25	5.09	MAR 01	9.62	MAY 24	-2.16	AUG 02	5.50				



404925073405402. Local number, N12451.1

LOCATION.--Lat 40°49'25", long 73°40'54", Hydrologic Unit 02030201, at southside of Revere Drive, Port Washington. Owner: Nassau County Department of Public Works.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 120 ft, screened 95 to 115 ft.

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

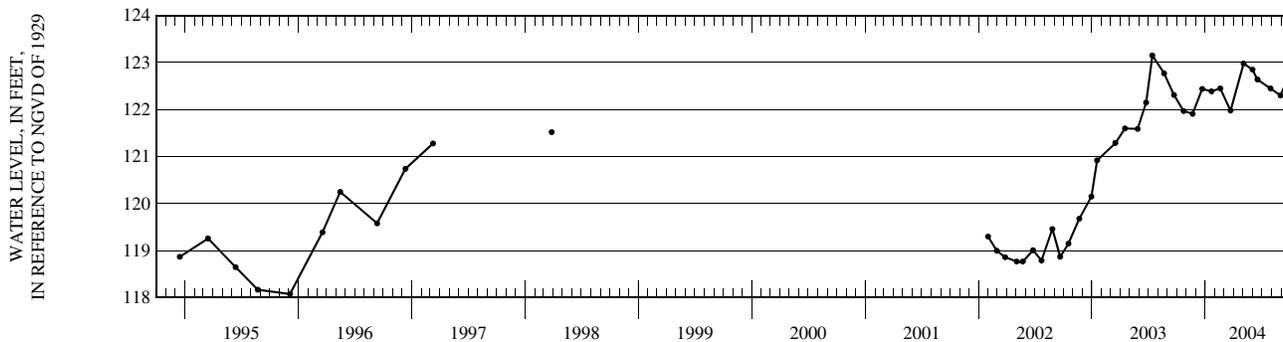
DATUM.--Land-surface datum is 154.0 ft above sea level. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1994 to March 1998 and January 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 123.15 ft above sea level, July 14, 2003; lowest measured, 118.08 ft above sea level, December 5, 1985.

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

DATE	WATER LEVEL										
OCT 23	121.97	DEC 22	122.44	FEB 18	122.45	MAY 03	122.98	JUN 17	122.64	AUG 30	122.30
NOV 21	121.91	JAN 21	122.39	MAR 22	121.98	JUN 01	122.85	JUL 29	122.45	SEP 24	122.68



GROUND-WATER LEVELS
NASSAU COUNTY—Continued

404834073403701. Local number, N12507.1

LOCATION.--Lat 40°48'34", long 73°40'37", Hydrologic Unit 02030201, at southwest side of Bonnie Heights Road, in Flower Hill Village Hall parking lot, Flower Hill. Owner: Nassau County Department of Public Works.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 615 ft, screened 585 to 605 ft.

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

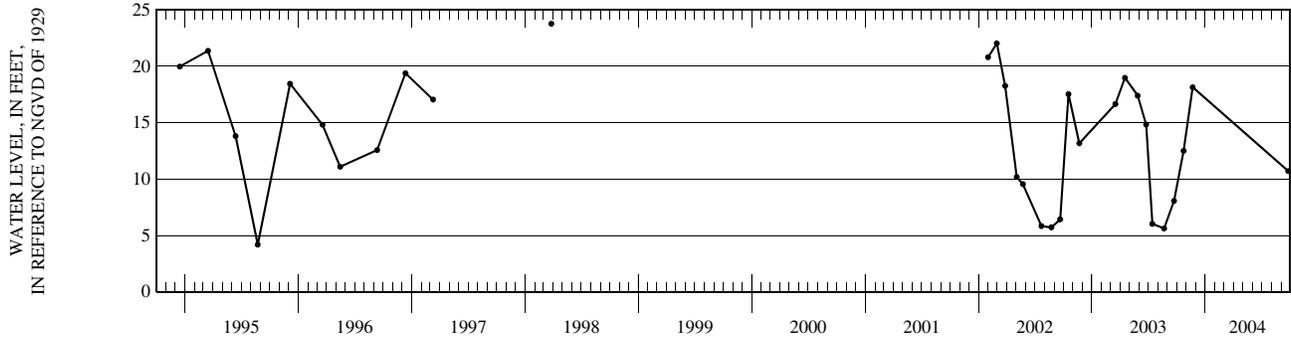
DATUM.--Land-surface datum is 118.0 ft above sea level. Measuring point: Top of casing, 0.84 ft below land-surface datum.

PERIOD OF RECORD.--September 1994 to March 1998 and January 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.76 ft above sea level, March 26, 1998; lowest measured, 4.19 ft above sea level, August 23, 1995.

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

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 23	12.49	NOV 21	18.13	SEP 24	10.70



404943073414701. Local number, N12508.1

LOCATION.--Lat 40°49'43", long 73°41'47", Hydrologic Unit 02030201, at north side of Charles Street near dead end, along west side of foot path to Madison Street, at Stannards Brook Park, Port Washington. Owner: United States Geological Survey.

AQUIFER.--Lloyd (confined).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 4 in., depth 400 ft, screened 375 to 400 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 61.0 ft above sea level. Measuring point: Top of casing, 0.99 ft below land-surface datum.

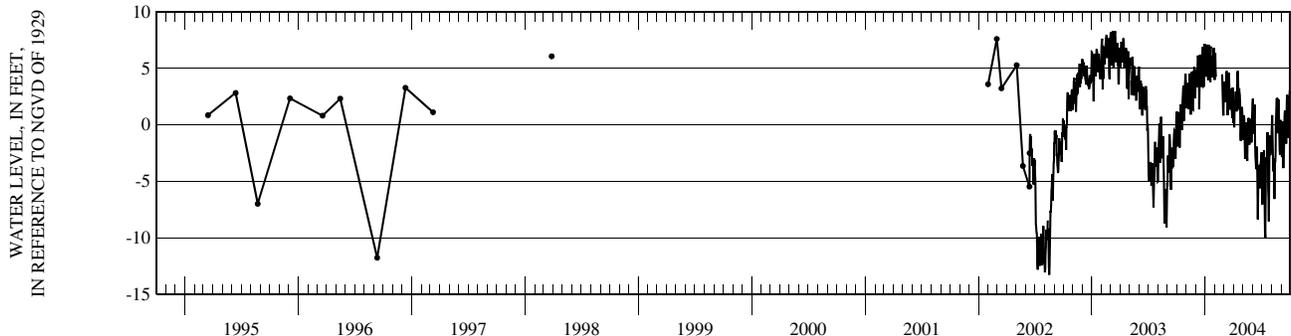
REMARKS.--Water level affected by tidal fluctuation and nearby pumping. Water-quality data available for current year.

PERIOD OF RECORD.--March 1995 to March 1998 and January 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.92 ft above sea level, March 16 and 17, 2003; lowest measured, 14.18 ft below sea level, July 10, 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	0.53	3.71	3.36	6.47	---	3.04	1.43	0.54	-0.63	-5.68	-2.48	-0.47
10	-2.02	3.53	4.34	3.97	---	4.76	1.17	-0.06	-2.80	-8.25	-6.57	-2.56
15	1.69	0.91	6.23	6.01	---	3.70	4.13	-3.18	-1.95	-2.92	0.09	-0.13
20	2.66	1.46	3.37	6.95	---	1.35	2.84	0.02	-4.14	-1.93	-0.76	2.64
25	0.44	4.30	4.94	5.28	3.72	2.63	-0.13	0.21	-5.61	-2.79	1.15	-0.79
EOM	2.82	3.64	6.81	3.98	2.80	0.16	-0.60	1.06	-2.44	-2.18	0.42	2.78
MEAN	1.23	3.08	4.95	5.62	---	2.89	1.78	-0.56	-2.73	-4.33	-1.07	-0.13
MAX	4.51	5.13	7.18	7.07	---	4.76	4.77	1.06	2.31	-0.66	2.36	3.11
MIN	-2.02	0.91	1.37	3.80	---	0.16	-1.41	-3.18	-8.39	-10.00	-6.57	-3.84
WTR YR	2004	MEAN 1.04	MAX 7.18	MIN -10.00								



NASSAU COUNTY—Continued

404019073384601. Local number, N13372.1

LOCATION.--Lat 40°40'19", long 73°38'46", Hydrologic Unit 02030202, at Hempstead Lake State Park, northwest corner of Lake Shore Drive and Peninsula Boulevard, Lakeview. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 33.6 ft, screened 23.6 to 33.6 ft.

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

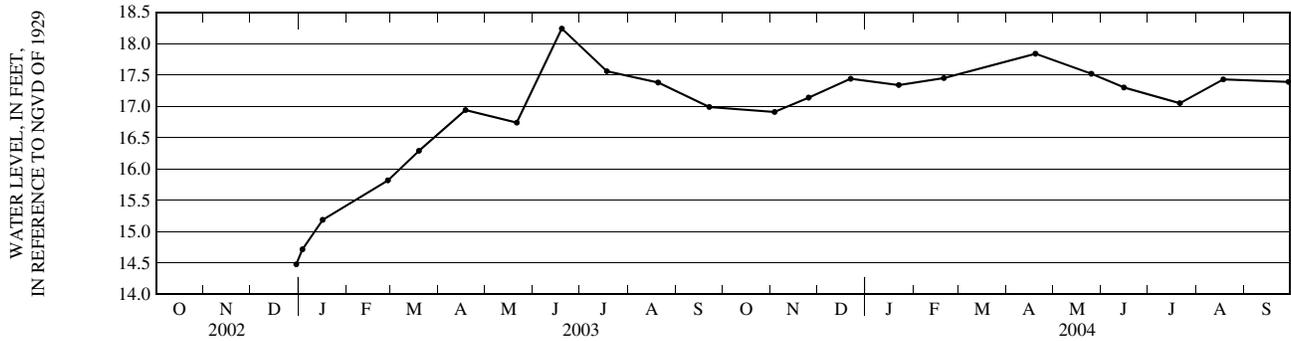
DATUM.--Land-surface datum is 36.3 ft above sea level. Measuring point: Top of casing, 0.26 ft below land-surface datum.

PERIOD OF RECORD.--December 2002 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.24 ft above sea level, June 19, 2003; lowest measured, 14.48 ft above sea level, December 30, 2002.

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

DATE	WATER LEVEL										
NOV 03	16.91	DEC 22	17.44	FEB 20	17.45	MAY 25	17.52	JUL 21	17.05	SEP 29	17.39
25	17.14	JAN 22	17.34	APR 19	17.84	JUN 15	17.30	AUG 18	17.43		



404050073384001. Local number, N13373.1

LOCATION.--Lat 40°40'50", long 73°38'40", Hydrologic Unit 02030202, at Hempstead Lake State Park, east side of Lake Shore Drive, 71 ft north of entrance to parking field 1, Lakeview. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 44.8 ft, screened 34.8 to 44.8 ft.

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

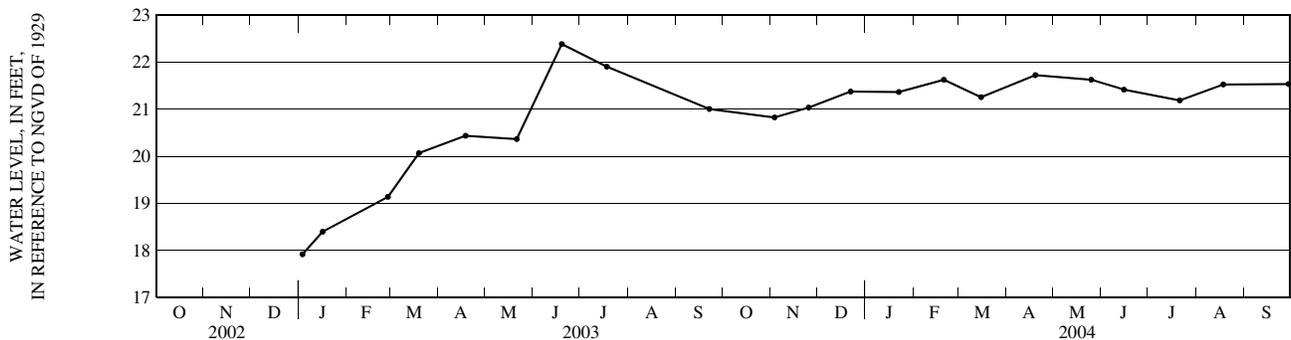
DATUM.--Land-surface datum is 45.2 ft above sea level. Measuring point: Top of casing, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--January 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.39 ft above sea level, June 19, 2003; lowest measured, 17.92 ft above sea level, January 3, 2003.

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

DATE	WATER LEVEL										
NOV 03	20.83	DEC 22	21.38	FEB 20	21.63	APR 19	21.73	JUN 15	21.42	AUG 18	21.53
25	21.04	JAN 22	21.37	MAR 15	21.26	MAY 25	21.63	JUL 21	21.19	SEP 29	21.54



GROUND-WATER LEVELS
 NASSAU COUNTY—Continued

404119073380201. Local number, N13374.1

LOCATION.--Lat 40°41'19", long 73°38'02", Hydrologic Unit 02030202, at west side of Peninsula Boulevard, 185 ft north of Southern State Parkway exit ramp, Lakeview. Owner: United States Geological Survey.

AQUIFER.--Upper glacial (water table).

WELL CHARACTERISTICS.--Drilled PVC observation well, diameter 2 in., depth 45 ft, screened 35 to 45 ft.

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

DATUM.--Land-surface datum is 48.0 ft above sea level. Measuring point: Top of casing, 0.55 ft below land-surface datum.

PERIOD OF RECORD.--January 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.37 ft above sea level, June 19, 2003; lowest measured, 24.11 ft above sea level, January 3, 2003.

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

DATE	WATER LEVEL										
NOV 03	25.04	DEC 22	25.58	FEB 20	25.58	MAY 25	25.81	JUL 21	25.22	SEP 29	25.42
26	25.18	JAN 22	25.23	APR 19	25.81	JUN 15	25.69	AUG 18	25.64		

