

Water-Data Report 2010

403503073402401 Local number N 11109. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°35'05.8", long 73°40'11.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at center island of Magnolia Boulevard, 52 ft north of West Broadway, Long Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 810 ft. Upper casing diameter 2 in; top of first opening 785 ft, bottom of last opening 790 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.12 ft below land-surface datum.

PERIOD OF RECORD.--November 1987, April 1988, March 1991, March 1992 to March 1998, March 2002, February 2006 to current year.

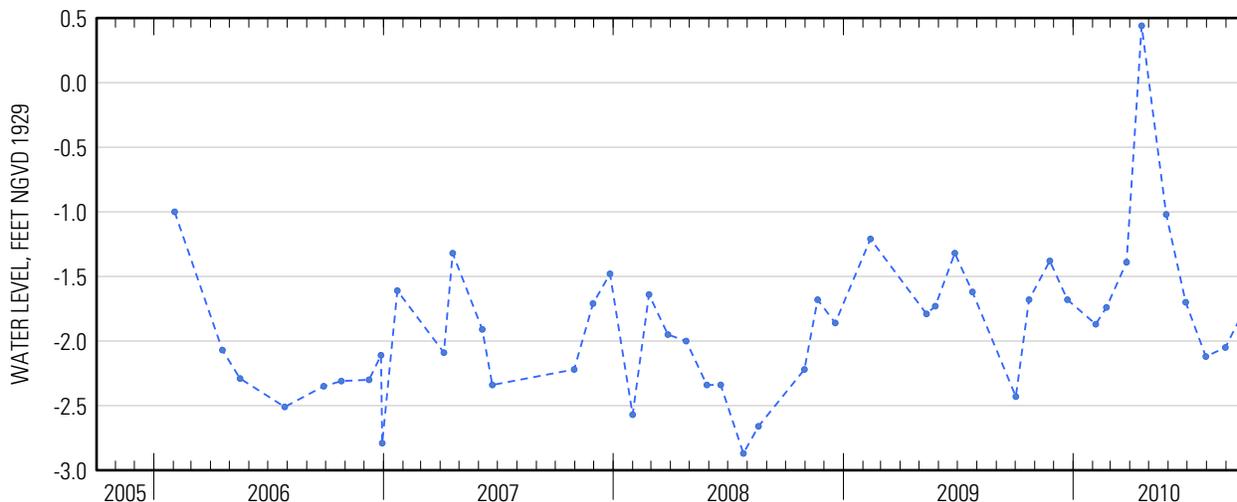
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.44 ft above sea level, April 19, 2010; lowest measured, 5.07 ft below sea level, March 25, 1992.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	-2.43	Apr 19	0.44
22	-1.68	May 28	-1.02
Nov 24	-1.38	Jun 28	-1.70
Dec 22	-1.68	Jul 30	-2.12
Feb 5	-1.87	Aug 30	-2.05
22	-1.74	Sep 29	-1.76
Mar 26	-1.39		





Water-Data Report 2010

403505073401301 Local number N 11002. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°35'05.7", long 73°40'10.9" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Magnolia Boulevard, 52 ft north of West Broadway, Long Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,255 ft. Upper casing diameter 4 in; top of first opening 1,240 ft, bottom of last opening 1,250 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.00 ft below land-surface datum.

PERIOD OF RECORD.--November 1987, February 1988 to April 1988, March 1990 to March 1998, and March 2002 to current year.

GAGE.--Digital water-level recorder; 15-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.00 ft above sea level, April 3, 2009; lowest recorded, 2.21 ft below sea level, August 15, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 9.93 ft above sea level, February 10; lowest recorded, 3.50 ft above sea level, October 1 and 2.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	4.50	Mar 26	7.77
22	5.82	May 28	6.98
Nov 24	7.92	Jun 28	2.95
Dec 22	8.26	Jul 30	2.32
Feb 5	9.20	Aug 30	1.93
22	9.17	Sep 29	4.68

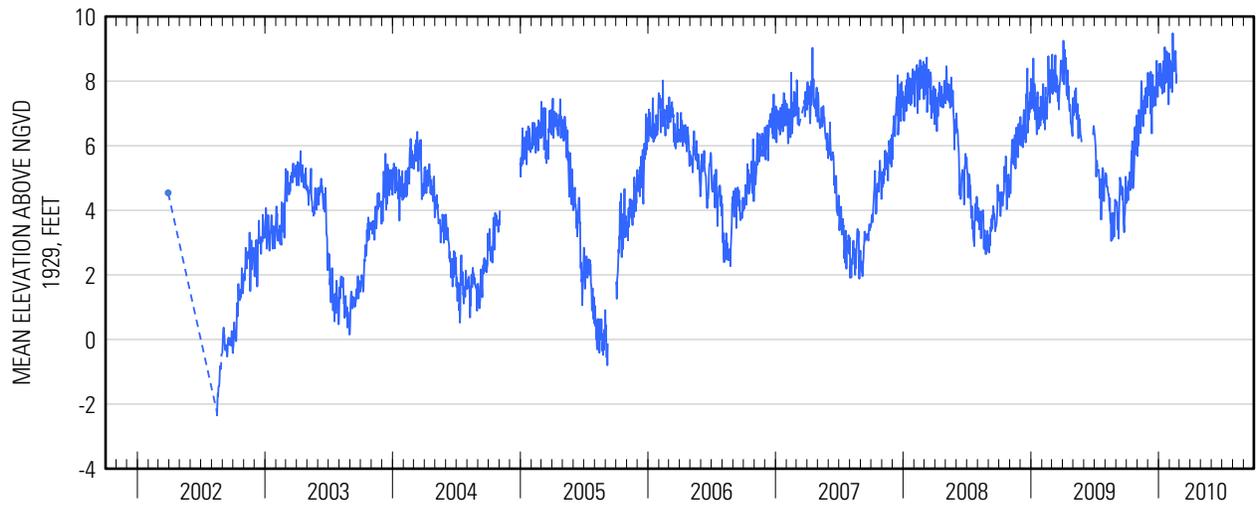
403505073401301 Local number N 11002. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.23	5.68	8.26	7.90	7.82	---	---	---	---	---	---	---
2	4.69	6.28	7.78	8.53	7.79	---	---	---	---	---	---	---
3	4.55	6.59	7.57	8.22	8.64	---	---	---	---	---	---	---
4	4.69	6.00	7.75	7.86	8.55	---	---	---	---	---	---	---
5	4.31	7.11	8.20	8.17	8.53	---	---	---	---	---	---	---
6	4.88	6.97	7.75	8.54	8.42	---	---	---	---	---	---	---
7	4.84	6.39	7.67	8.19	8.33	---	---	---	---	---	---	---
8	4.94	6.84	6.99	7.79	7.66	---	---	---	---	---	---	---
9	4.97	6.86	8.29	8.20	8.35	---	---	---	---	---	---	---
10	5.18	6.39	8.16	8.22	9.48	---	---	---	---	---	---	---
11	4.62	7.24	7.09	7.61	8.85	---	---	---	---	---	---	---
12	5.00	8.00	6.38	8.06	8.30	---	---	---	---	---	---	---
13	4.74	7.99	7.69	8.37	8.92	---	---	---	---	---	---	---
14	5.49	7.25	8.12	8.62	8.91	---	---	---	---	---	---	---
15	5.83	7.35	8.19	8.33	8.55	---	---	---	---	---	---	---
16	5.70	7.24	7.21	7.66	8.32	---	---	---	---	---	---	---
17	6.14	6.60	7.40	8.13	8.59	---	---	---	---	---	---	---
18	6.09	7.24	7.64	9.05	8.93	---	---	---	---	---	---	---
19	4.68	7.40	7.82	8.85	8.49	---	---	---	---	---	---	---
20	4.80	7.05	7.43	7.93	7.94	---	---	---	---	---	---	---
21	4.86	7.54	7.41	8.46	8.21	---	---	---	---	---	---	---
22	5.22	7.51	7.46	8.93	---	---	---	---	---	---	---	---
23	5.56	6.99	7.24	8.72	---	---	---	---	---	---	---	---
24	6.56	7.45	7.71	7.97	---	---	---	---	---	---	---	---
25	5.79	7.79	8.32	8.68	---	---	---	---	---	---	---	---
26	5.72	7.59	8.63	8.89	---	---	---	---	---	---	---	---
27	5.77	7.80	7.95	8.79	---	---	---	---	---	---	---	---
28	6.62	7.47	7.63	8.61	---	---	---	---	---	---	---	---
29	6.52	7.19	7.51	7.28	---	---	---	---	---	---	---	---
30	6.94	7.76	7.94	8.04	---	---	---	---	---	---	---	---
31	6.82	---	8.26	8.85	---	---	---	---	---	---	---	---
Mean	5.38	7.12	7.72	8.30	8.46	---	---	---	---	---	---	---
Max	6.94	8.00	8.63	9.05	9.48	---	---	---	---	---	---	---
Min	4.23	5.68	6.38	7.28	7.66	---	---	---	---	---	---	---
Med	5.18	7.24	7.71	8.22	8.49	---	---	---	---	---	---	---

	Calendar Year 2009	Water Year 2010
Mean	6.45	7.32
Max	9.25	9.48
Min	3.05	4.23
Med	6.94	7.66

403505073401301 Local number N 11002. 1—Continued



403511073450901 Local number N 10620. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°35'13.6", long 73°45'07.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,160 ft. Upper casing diameter 4 in; top of first opening 1,140 ft, bottom of last opening 1,150 ft.

DATUM.--Land-surface datum is 4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel plug, 6.27 ft above land-surface datum.

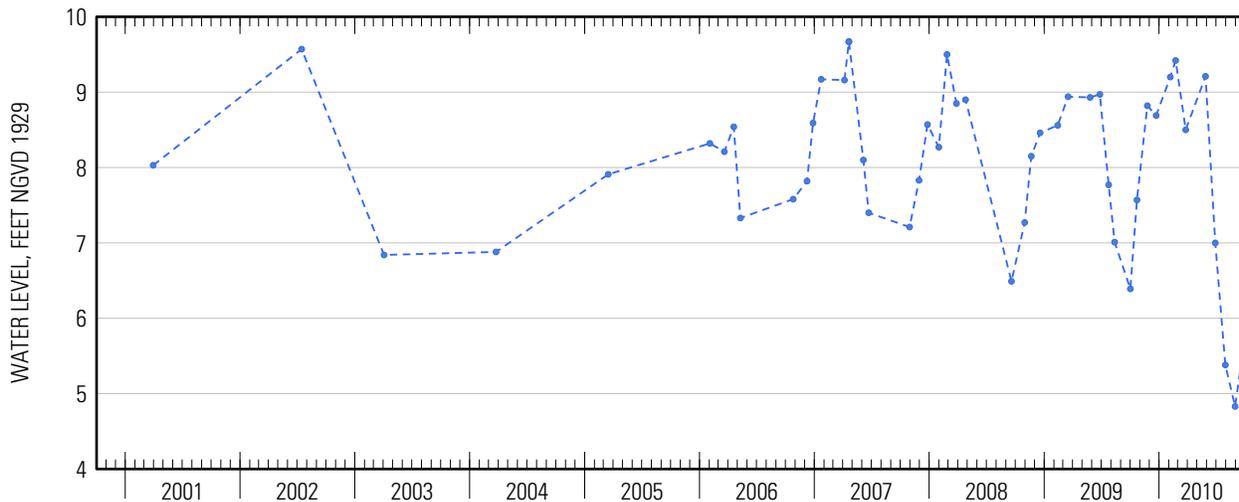
PERIOD OF RECORD.--November 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.67 ft above sea level, April 20, 2007; lowest measured, 3.24 ft above sea level, November 23, 1987.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	6.39	Mar 26	8.50
22	7.57	May 28	9.21
Nov 24	8.82	Jun 28	7.00
Dec 22	8.69	Jul 30	5.38
Feb 5	9.20	Aug 30	4.83
22	9.42	Sep 29	5.71



Water-Data Report 2010

403517073430610 Local number N 6701. 2

Northern Atlantic Coastal Plain aquifer system
Raritan Confining Unit

Nassau County, NY

LOCATION.--Lat 40°35'17.0", long 73°43'04.5" referenced to North American Datum of 1983, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 837 ft. Upper casing diameter 4 in; top of first opening 822 ft, bottom of last opening 832 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.06 ft above land-surface datum.

PERIOD OF RECORD.--August 1959 to April 1988 and March 1991 to current year.

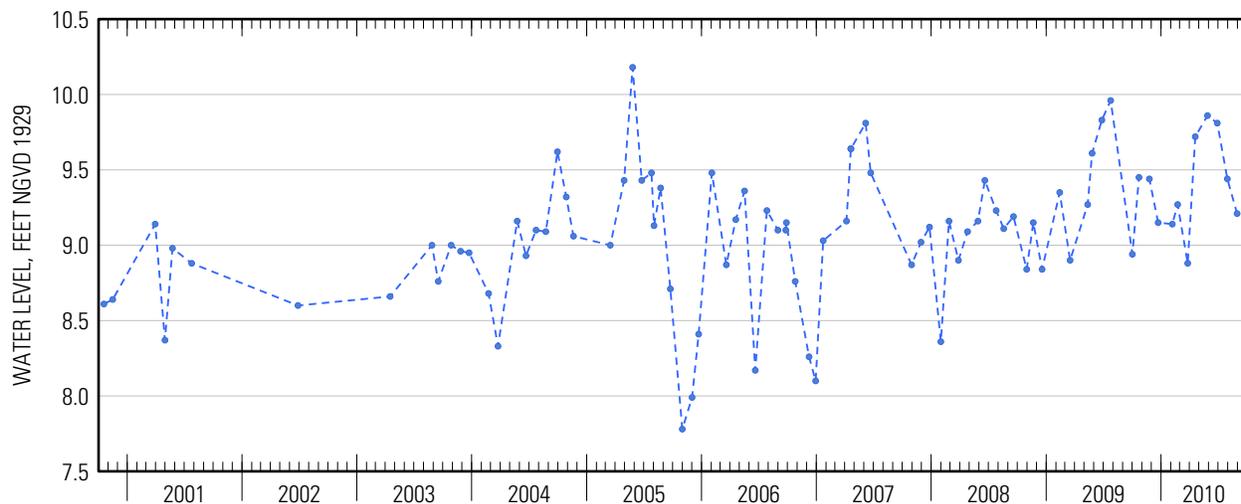
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.18 ft above sea level, May 26, 2005; lowest measured, 2.57 ft below sea level, October 30, 1968.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	8.94	Apr 19	9.72
22	9.45	May 28	9.86
Nov 24	9.44	Jun 28	9.81
Dec 22	9.15	Jul 30	9.44
Feb 5	9.14	Aug 30	9.21
22	9.27	Sep 29	9.26
Mar 26	8.88		





Water-Data Report 2010

403517073430705 Local number N 6705. 1

Northern Atlantic Coastal Plain aquifer system
Jameco Aquifer

Nassau County, NY

LOCATION.--Lat 40°35'16.9", long 73°43'04.6" referenced to North American Datum of 1983, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 157 ft. Upper casing diameter 4 in; top of first opening 147 ft, bottom of last opening 157 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.45 ft above land-surface datum.

PERIOD OF RECORD.--February 1968 to current year. Unpublished records for February 1968 to September 1968 are available in files of the U.S. Geological Survey.

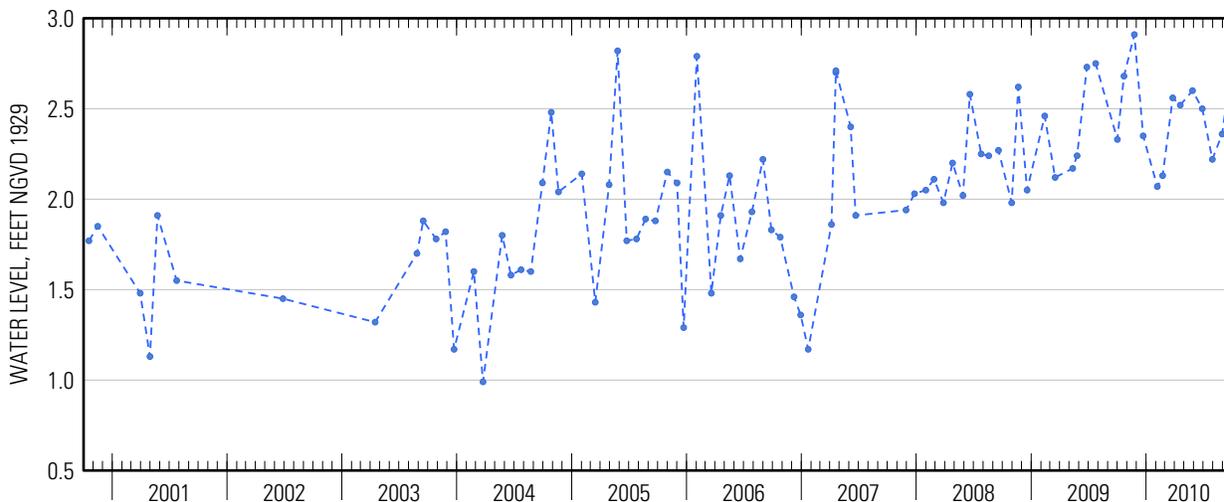
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	2.33	Apr 19	2.52
22	2.68	May 28	2.60
Nov 24	2.91	Jun 28	2.50
Dec 22	2.35	Jul 30	2.22
Feb 5	2.07	Aug 30	2.36
22	2.13	Sep 29	2.74
Mar 26	2.56		





Water-Data Report 2010

403521073365902 Local number N 8354. 2

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°35'21.8", long 73°36'56.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,275 ft. Upper casing diameter 16 in; top of first opening 1,215 ft, bottom of last opening 1,270 ft.

DATUM.--Land-surface datum is 10.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of vent hole in northwest side of pump base, 2.44 ft above land-surface datum.

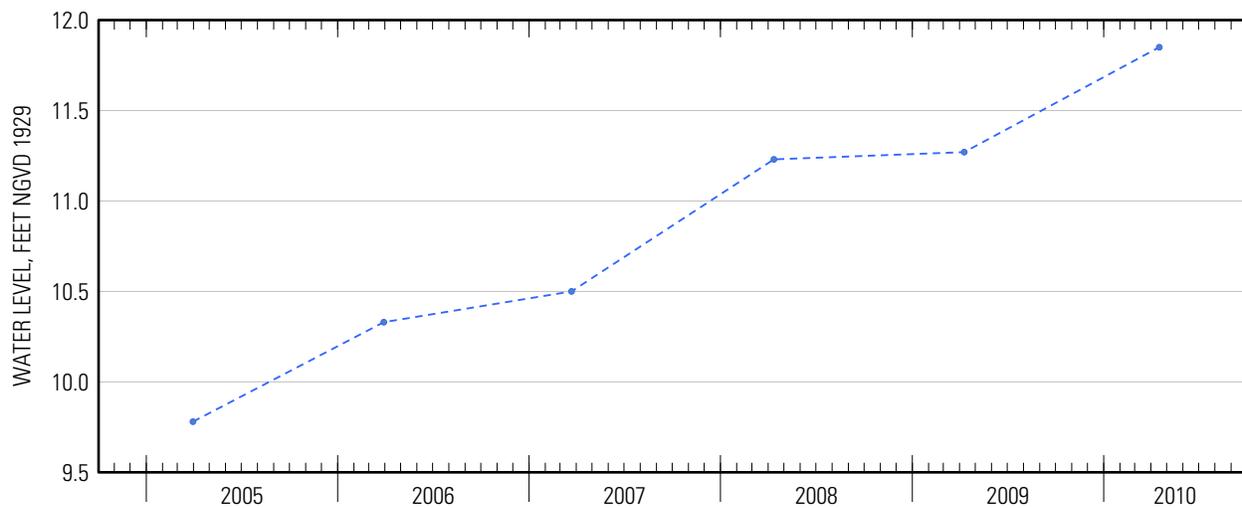
PERIOD OF RECORD.--July 1968 to February 1969, January 1971 to January 1972, January 1976 to January 1982, January 1985 to December 1988, March 1990, April 1992, May 1994, April 1997, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.85 ft above sea level, April 16, 2010; lowest measured, 1.30 ft above sea level, October 20, 1968.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 16	11.85



Water-Data Report 2010

403533073353202 Local number N 6850. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°35'34.1", long 73°35'33.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at pumping center, north of Lido Boulevard, 0.3 miles west of Loop Parkway, in northernmost recorder shelter, Lido Beach.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 913 ft. Upper casing diameter 6 in; top of first opening 898 ft, bottom of last opening 909 ft.

DATUM.--Land-surface datum is 6.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.58 ft above land-surface datum.

PERIOD OF RECORD.--January 1960, April 1961, January 1968 to June 2000, March 2005, and February 2006 to current year.

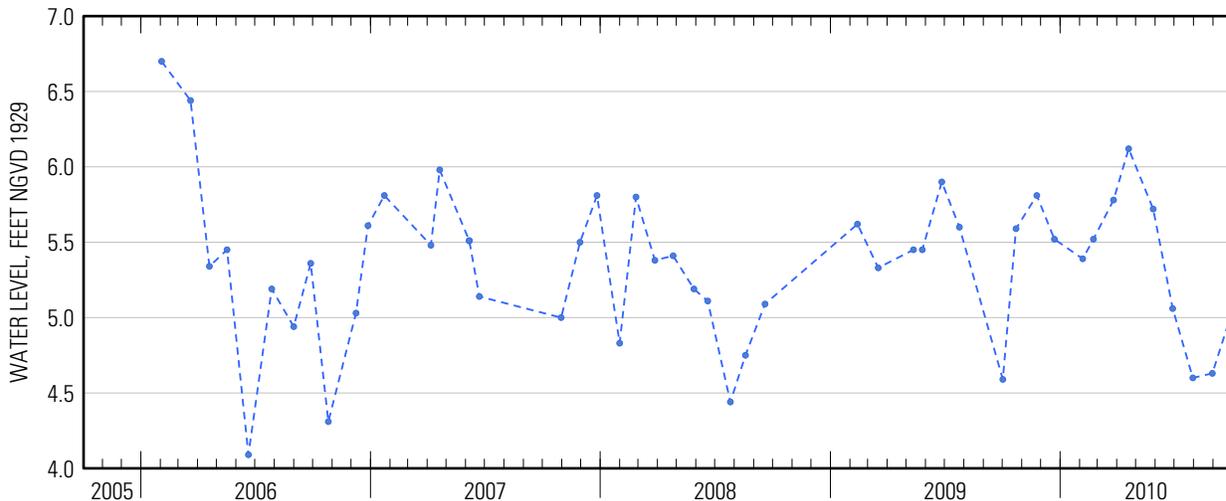
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.00 ft above sea level, April 13, 1961; lowest measured, 2.69 ft above sea level, October 27, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	4.59	Apr 19	6.12
22	5.59	May 28	5.72
Nov 24	5.81	Jun 28	5.06
Dec 22	5.52	Jul 30	4.60
Feb 5	5.39	Aug 30	4.63
22	5.52	Sep 29	5.02
Mar 26	5.78		



Water-Data Report 2010

403621073441801 Local number N 3862. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°36'21", long 73°44'18" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 311 ft. Upper casing diameter 6 in; top of first opening 295 ft, bottom of last opening 306 ft.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.28 ft above land-surface datum.

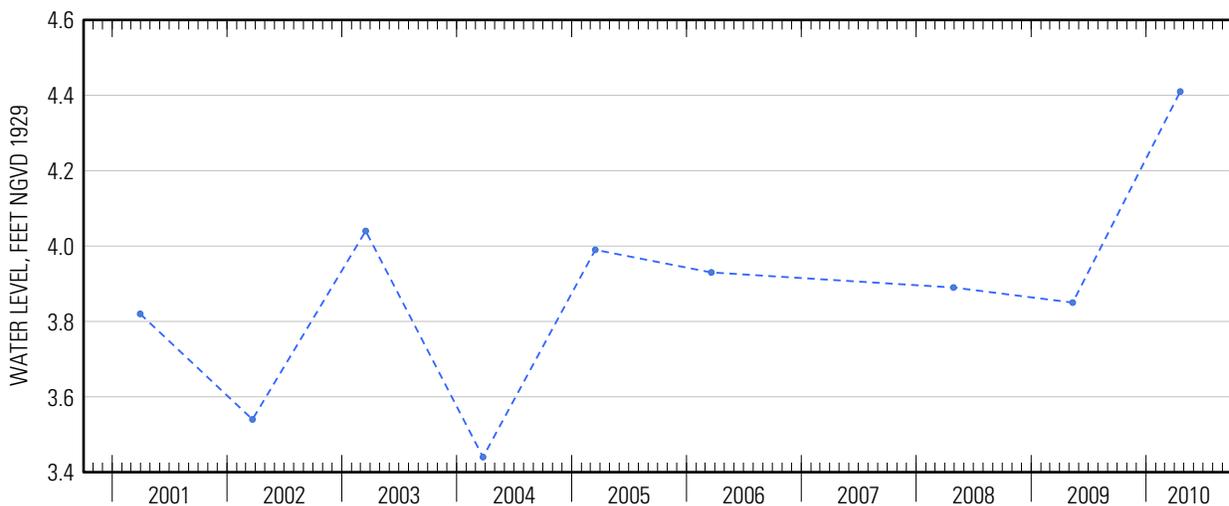
PERIOD OF RECORD.--February 1968 to September 1981, March 1982 to December 1985, September 1986, January 1987, April 1987, March 1988, March 1989, April 1990, March 1992 to March 2006, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.72 ft above sea level, June 23, 1978; lowest measured, 1.67 ft above sea level, October 4, 1972.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	4.41





Water-Data Report 2010

403637073434502 Local number N 1422. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°36'37.0", long 73°43'44.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 1.25 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.32 ft above land-surface datum.

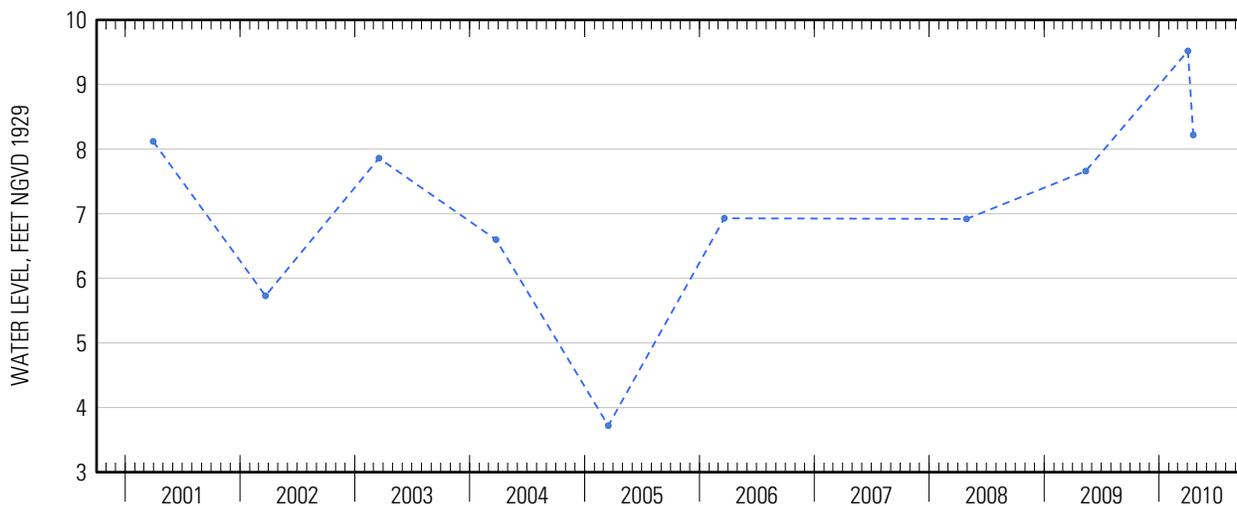
PERIOD OF RECORD.--December 1964 to April 1984, March 2000 to March 2006, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.56 ft above sea level, May 29, 1978; lowest measured, 3.72 ft above sea level, March 16, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Apr 2	9.52	Apr 19	8.22



Water-Data Report 2010

403642073433201 Local number N 6510. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°36'41.3", long 73°43'30.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 463 ft. Upper casing diameter 4 in; top of first opening 455 ft, bottom of last opening 461 ft.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.70 ft above land-surface datum.

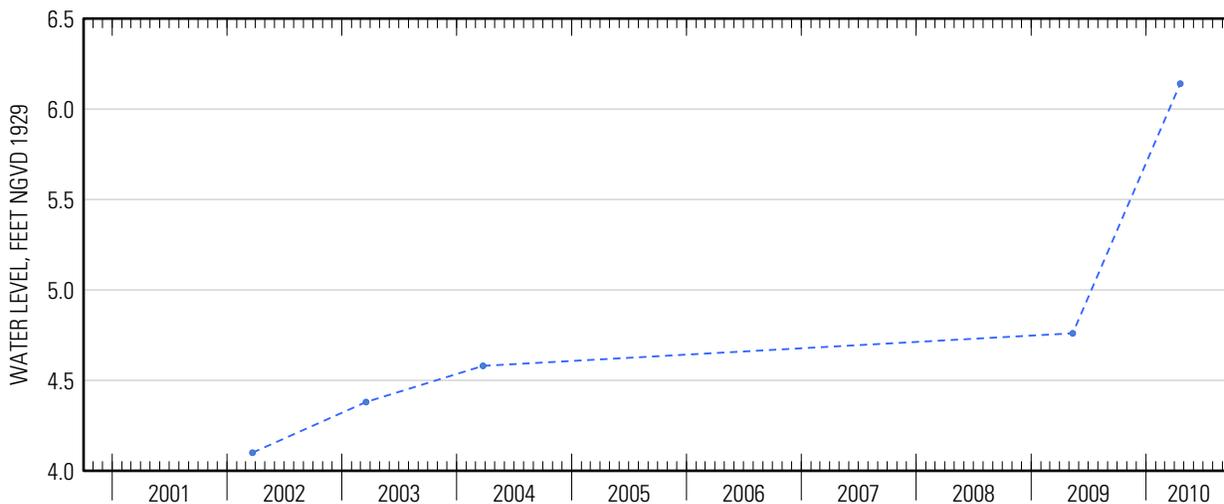
PERIOD OF RECORD.--July 1958 to April 1964, April 1966 to May 1967, April 1969 to March 1973, April 1979 to March 2004, and May 2009 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.14 ft above sea level, April 19, 2010; lowest measured 5.37 ft below sea level, June 4, 1962.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	6.14



Water-Data Report 2010

403748073422603 Local number N 1115.3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°37'48.3", long 73°42'24.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 1.25 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft above land-surface datum.

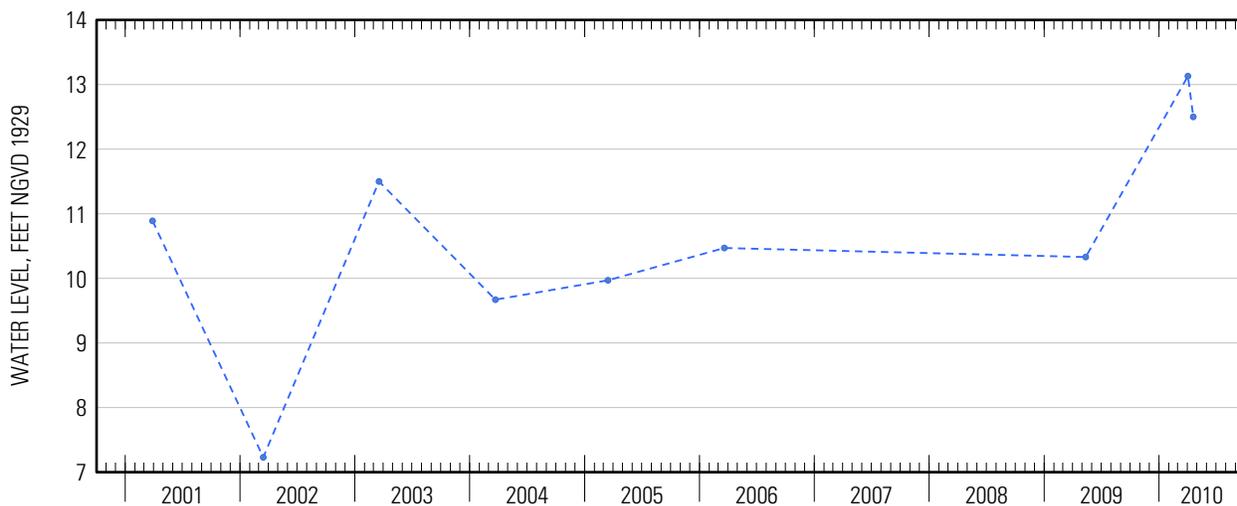
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.13 ft above sea level, April 2, 2010; lowest measured, 7.23 ft above sea level, March 15, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Apr 2	13.13	Apr 19	12.50



Water-Data Report 2010

403751073440201 Local number N 3861. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°37'51.6", long 73°44'00.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Cedarhurst Water Pollution Control Plant, 28 ft east of Arlington Place, north of Peninsula Boulevard, Cedarhurst.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 530 ft. Upper casing diameter 6 in; top of first opening 519 ft, bottom of last opening 530 ft.

DATUM.--Land-surface datum is 7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.37 ft above land-surface datum.

PERIOD OF RECORD.--April 1952 to August 1955 and January 1968 to current year. Unpublished records for April 1952 to September 1975 are available in files of the U.S. Geological Survey.

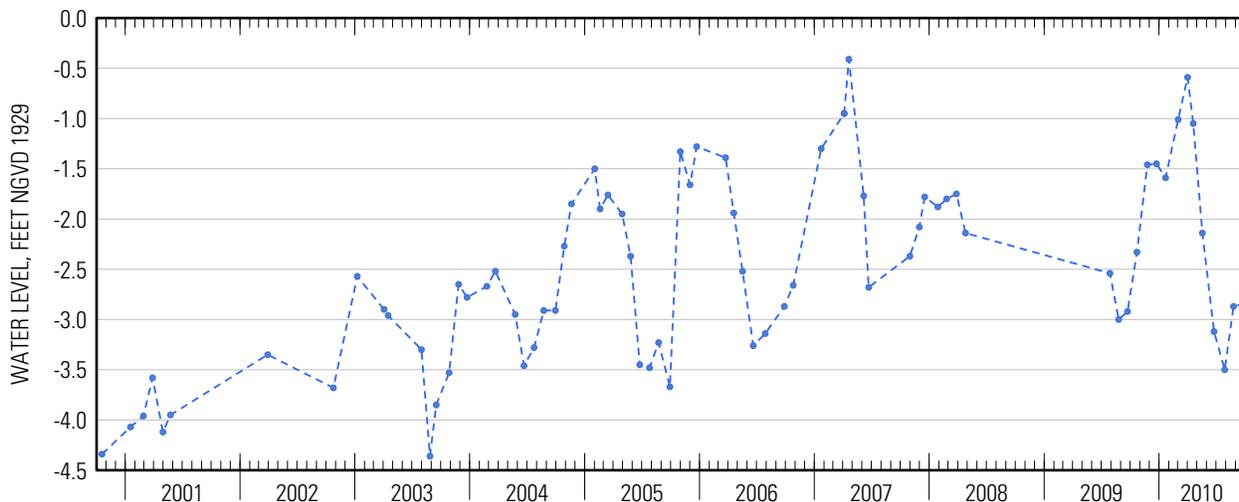
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.41 ft below sea level, April 20, 2007; lowest measured, 7.57 ft below sea level, August 7, 1955.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 22	-2.33	Apr 19	-1.05
Nov 24	-1.46	May 18	-2.14
Dec 23	-1.45	Jun 24	-3.12
Jan 21	-1.59	Jul 28	-3.50
Mar 2	-1.01	Aug 25	-2.87
Apr 1	-0.59	Sep 30	-2.84





Water-Data Report 2010

403805073395301 Local number N 2790.2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°38'05", long 73°39'53" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 571 ft. Upper casing diameter 6 in; top of first opening 538 ft, bottom of last opening 560 ft.

DATUM.--Land-surface datum is 6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.82 ft above land-surface datum.

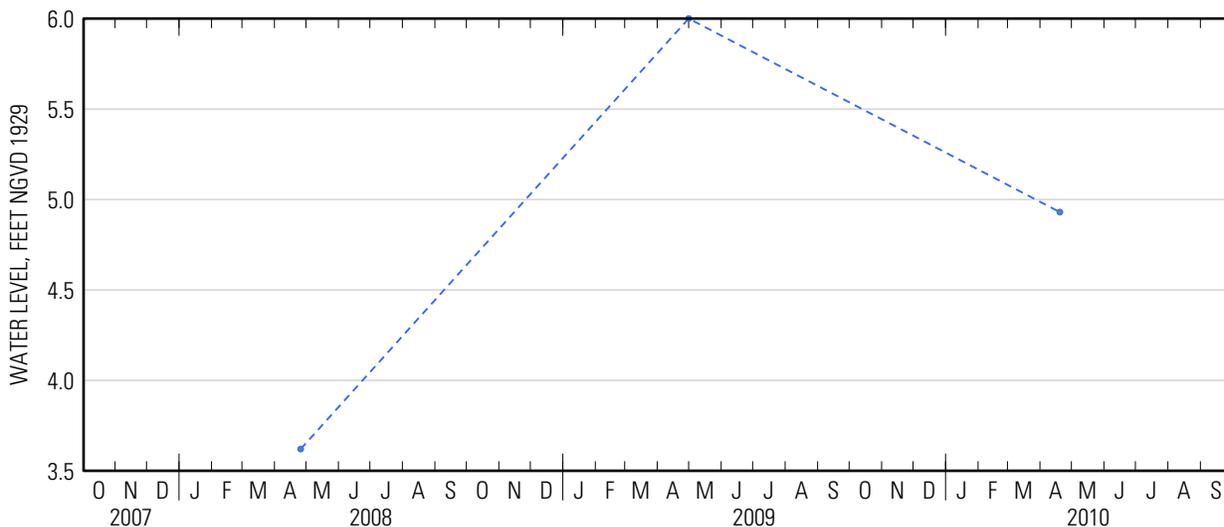
PERIOD OF RECORD.--April 1958, January 1974 to January 1989, February 1990 to March 1997, March 1998 to April 2000, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.50 ft above sea level, April 6, 1958; lowest measured, 0.36 ft below sea level, July 20, 1977.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	4.93



403911073432001 Local number N 4213. 1

Northern Atlantic Coastal Plain aquifer system
Jameco Aquifer

Nassau County, NY

LOCATION.--Lat 40°39'13.0", long 73°43'18.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Brook Road Park, 34 ft south of Brook Road, 32 ft east of stream, westernmost well, Green Acres.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 134 ft. Upper casing diameter 6 in; top of first opening 130 ft, bottom of last opening 134 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.42 ft above land-surface datum.

PERIOD OF RECORD.--February 1968 to current year. Unpublished records for February 1968 to September 1987 are available in files of the U.S. Geological Survey.

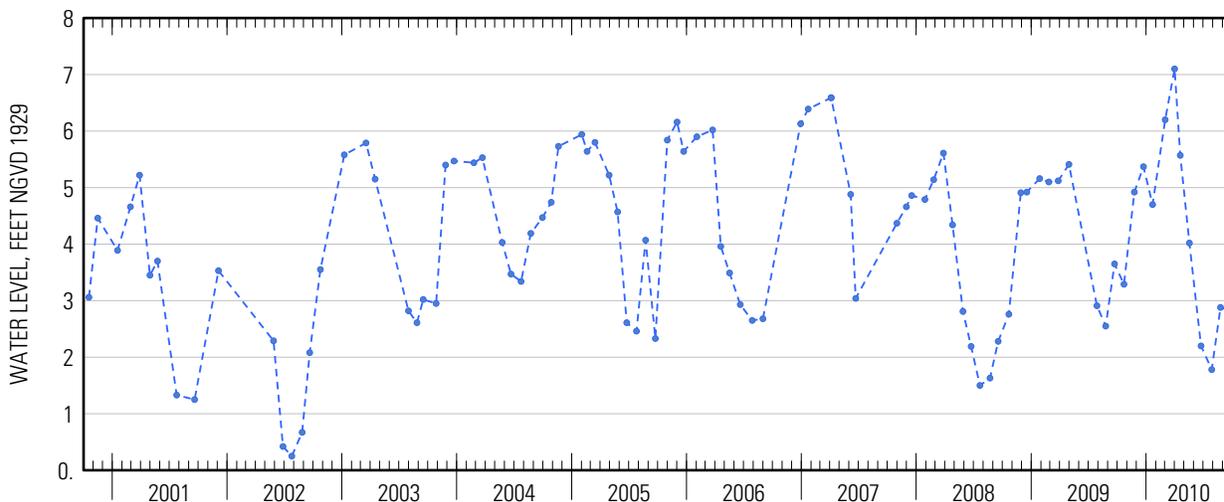
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.59 ft above sea level, April 5, 2007; lowest measured, 2.40 ft below sea level, March 22, 1972.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 22	3.29	Apr 19	5.57
Nov 24	4.92	May 18	4.02
Dec 23	5.37	Jun 24	2.20
Jan 21	4.70	Jul 28	1.78
Mar 2	6.20	Aug 25	2.88
Apr 1	7.10	Sep 30	2.81





Water-Data Report 2010

403911073432701 Local number N 3867. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°39'13.0", long 73°43'18.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Brook Road Park, 35 ft south of Brook Road, 41 ft east of stream, easternmost well, Green Acres.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 517 ft. Upper casing diameter 6 in; top of first opening 505 ft, bottom of last opening 517 ft.

DATUM.--Land-surface datum is 7.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.54 ft above land-surface datum.

PERIOD OF RECORD.--January 1953 and January 1968 to current year. Unpublished records from January 1953 to September 1975 are available in files of the Geological Survey.

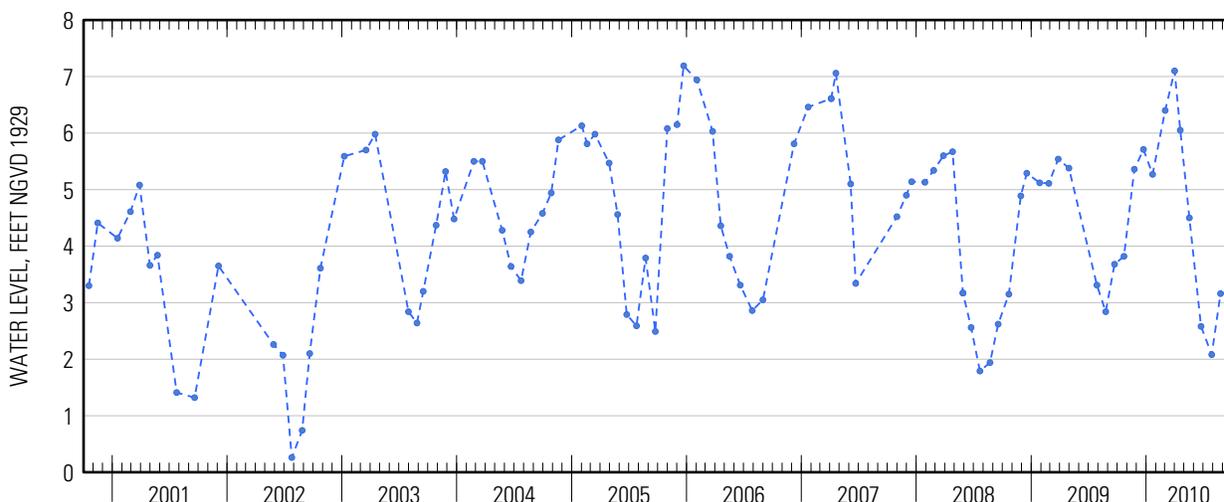
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 22	3.82	Apr 19	6.05
Nov 24	5.36	May 18	4.50
Dec 23	5.71	Jun 24	2.58
Jan 21	5.27	Jul 28	2.08
Mar 2	6.40	Aug 25	3.16
Apr 1	7.10	Sep 30	3.20





Water-Data Report 2010

403922073353501 Local number N 67. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°39'22.4", long 73°35'33.6" referenced to North American Datum of 1983, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,052 ft. Upper casing diameter 12 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1 ft below land-surface datum.

PERIOD OF RECORD.--December 1946 to February 1950, February 1952 to October 1955, May 1957 to November 1957, January 1959 to January 1960, June 1963 to March 2006, and April 2007 to current year.

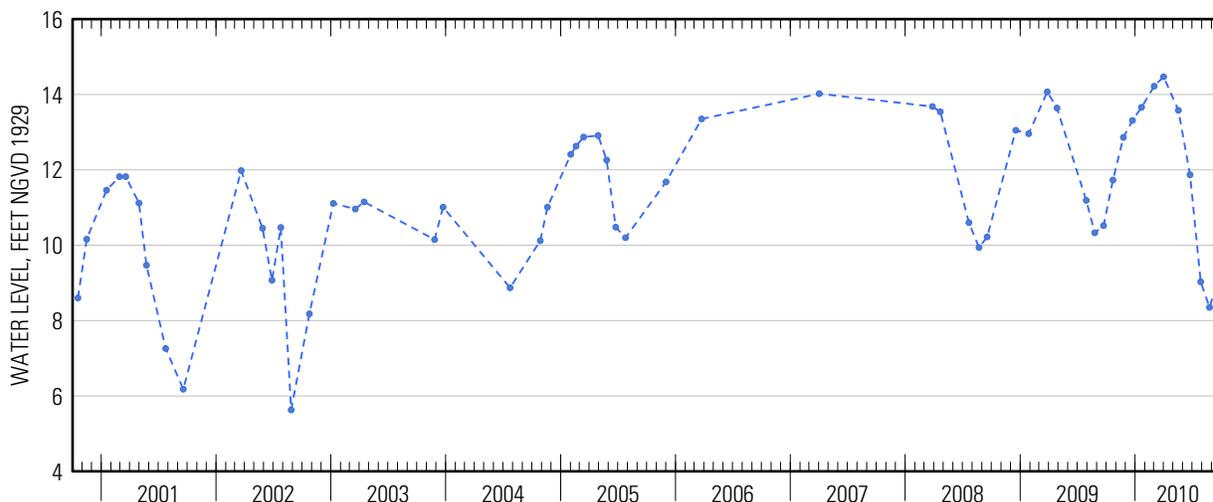
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by nearby pumping.

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 22	11.73	May 18	13.58
Nov 24	12.86	Jun 24	11.87
Dec 23	13.31	Jul 28	9.03
Jan 21	13.66	Aug 25	8.35
Mar 2	14.22	Sep 30	9.32
Apr 1	14.47		



403929073382908 Local number N 53.1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°39'30.5", long 73°38'27.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Rockville Centre Municipal Power Plant, in battery room, Maple Avenue and Morris Avenue, Rockville Centre.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 8 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 26.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in steel extender, 5.24 ft below land-surface datum.

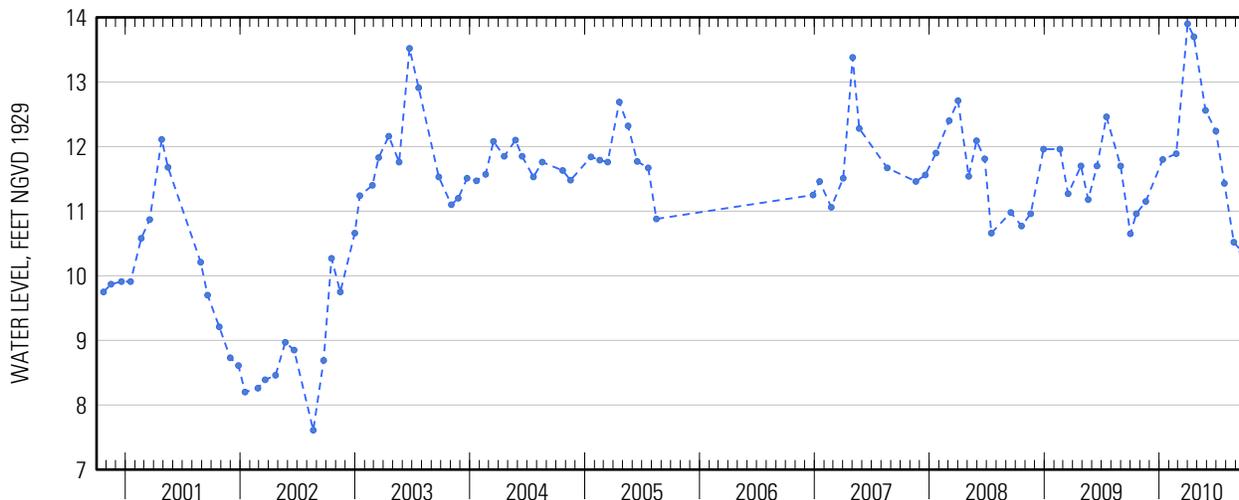
PERIOD OF RECORD.--August 1934 to August 2005 and December 2006 to current year. Unpublished records for August 1934 to September 1975 are available in files of the U.S. Geological Survey.

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

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	10.65	May 28	12.56
20	10.96	Jun 30	12.24
Nov 19	11.15	Jul 27	11.43
Jan 12	11.80	Aug 26	10.52
Feb 24	11.89	Sep 21	10.37
Apr 1	13.90	30	10.44
21	13.70		





Water-Data Report 2010

403959073434301 Local number N 10001. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°39'58.8", long 73°43'37.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 ft. Upper casing diameter 2 in; top of first opening 29 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

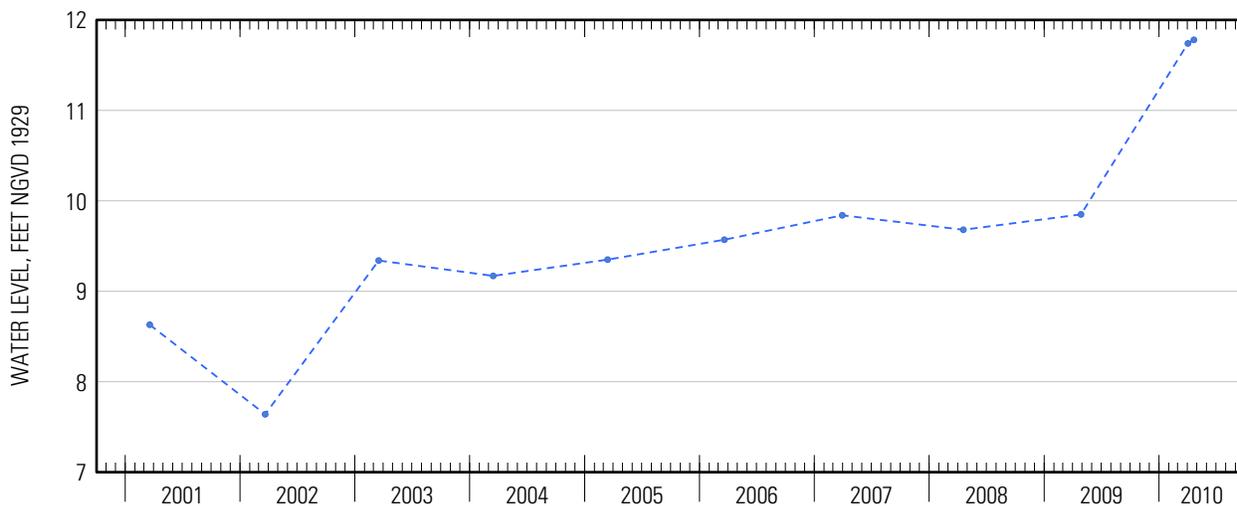
PERIOD OF RECORD.--March 1990, April 1990, and March 1992 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.78 ft above sea level, April 21, 2010; lowest measured, 6.72 ft above sea level, September 22, 1993.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Apr 2	11.74	Apr 21	11.78





Water-Data Report 2010

404012073314101 Local number N 11576. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°40'12", long 73°31'41" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 955 ft. Upper casing diameter 4 in; top of first opening 930 ft, bottom of last opening 950 ft.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.33 ft below land-surface datum.

PERIOD OF RECORD.--March 1992 to March 1997 and April 2010.

GAGE.--Measurement with chalked steel tape by United States Geological Survey Personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.49 ft above sea level, March 30, 1992; lowest measured, 13.89 ft above sea level, March 14, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	14.3

404012073314102 Local number N 11579. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°40'12.9", long 73°31'08.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 695 ft. Upper casing diameter 4 in; top of first opening 670 ft, bottom of last opening 690 ft.

DATUM.--Land-surface datum is 15.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

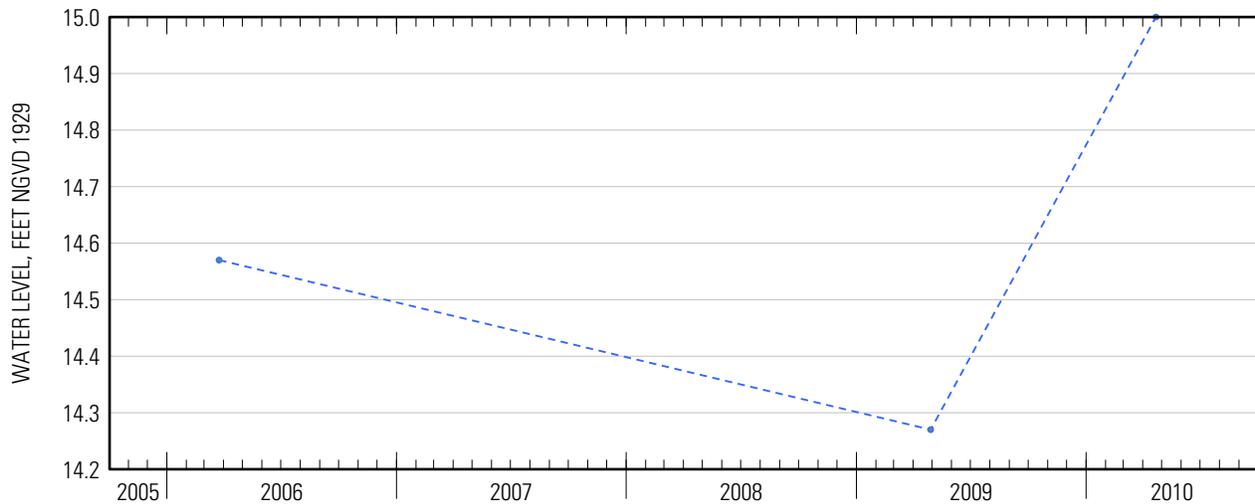
PERIOD OF RECORD.--March 1992, April 1994 to March 1997, March 2005, and April 2009.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.00 ft above sea level, April 21, 2010; lowest measured, 13.88 ft above sea level, March 30, 1992.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	15.00



Water-Data Report 2010

404019073384601 Local number N 13372. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°40'19.7", long 73°38'45.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Hempstead Lake State Park, northwest corner of Lake Shore Drive and Peninsula Boulevard, Lakeview.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33.65 ft. Upper casing diameter 2 in; top of first opening 23.65 ft, bottom of last opening 33.65 ft.

DATUM.--Land-surface datum is 36.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

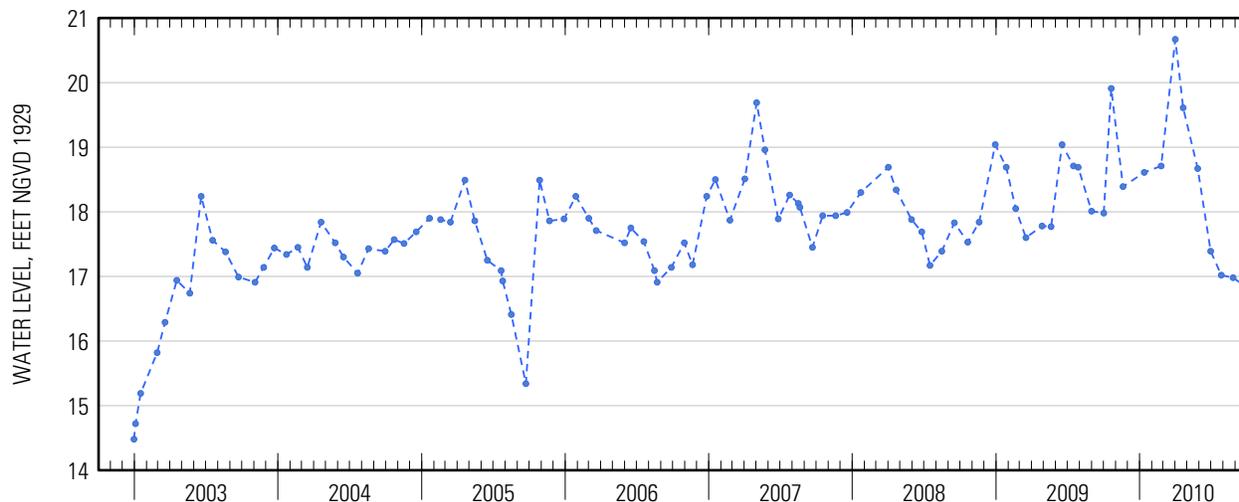
PERIOD OF RECORD.--December 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.67 ft above sea level, April 1, 2010; lowest measured, 14.48 ft above sea level, December 30, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	17.98	Apr 21	19.61
20	19.91	May 28	18.67
Nov 19	18.39	Jun 30	17.39
Jan 12	18.61	Jul 27	17.02
Feb 24	18.71	Aug 26	16.98
Apr 1	20.67	Sep 30	16.83





Water-Data Report 2010

404030073293703 Local number N 180.2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°40'30", long 73°29'37" referenced to North American Datum of 1927, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 723 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 13.69 ft above land-surface datum.

PERIOD OF RECORD.--June 1952 and April 1957 to current year.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 21.08 ft above sea level, June 6, 1952; lowest recorded, 8.47 ft above sea level, September 3, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 18.12 ft above sea level, March 31; lowest recorded, 9.49 ft above sea level, July 7.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 22	14.22	Apr 28	15.51
Nov 24	15.49	May 18	14.28
Dec 30	15.13	Jun 24	12.20
Jan 21	15.81	Jul 30	10.47
Mar 2	16.02	Aug 25	12.50
31	17.11	Sep 27	12.28

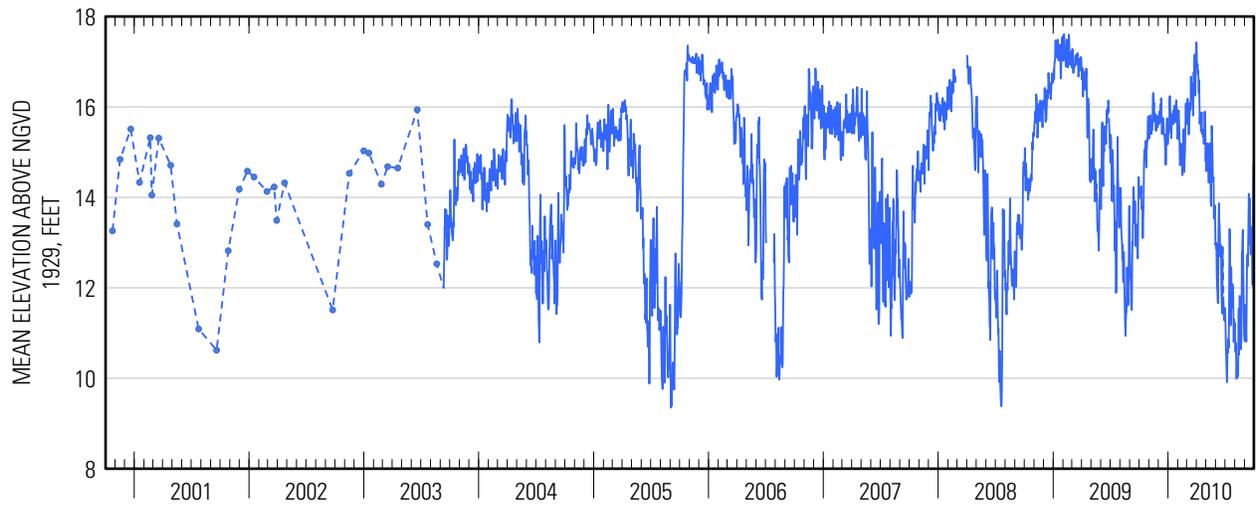
404030073293703 Local number N 180. 2—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	14.11	15.30	15.75	15.46	15.41	15.80	17.42	15.11	12.99	11.45	11.14	10.82
2	14.05	15.40	15.62	15.41	15.83	16.09	16.97	14.58	12.87	11.17	10.66	11.00
3	14.07	15.75	15.86	15.48	15.92	16.18	16.85	14.64	12.98	10.70	10.58	11.62
4	13.98	15.81	15.83	15.49	15.74	16.17	16.94	15.19	12.34	10.54	10.78	11.56
5	14.09	15.82	15.91	16.12	15.52	16.00	16.73	15.18	12.04	10.22	10.37	11.12
6	14.15	15.69	15.66	16.24	15.11	15.74	16.80	15.19	11.95	10.03	9.99	10.81
7	14.25	15.47	16.05	15.92	14.71	15.39	16.61	15.00	11.73	9.91	10.26	11.48
8	13.78	15.40	15.94	15.90	14.75	15.63	16.31	14.64	11.66	10.61	10.11	12.39
9	13.74	15.48	16.19	15.81	14.95	15.73	16.59	14.33	12.73	10.56	10.17	12.69
10	13.80	15.48	16.07	15.31	15.19	15.87	16.13	14.33	13.57	10.87	10.06	12.74
11	13.64	15.49	15.77	15.41	15.08	16.09	15.63	14.43	13.87	10.82	10.04	12.48
12	13.10	15.72	15.40	15.67	15.00	15.93	15.82	14.95	13.48	10.67	11.15	13.01
13	13.52	16.26	15.75	15.72	14.91	16.02	15.86	15.20	13.40	11.38	11.54	13.54
14	13.71	16.31	15.71	15.83	14.75	16.67	15.72	14.96	13.16	12.56	10.52	14.08
15	14.29	16.29	15.75	15.84	14.49	16.21	15.46	14.44	12.69	13.30	10.93	13.29
16	14.86	16.06	15.70	15.69	14.78	16.53	15.61	13.89	12.71	12.75	11.82	12.97
17	15.05	16.08	15.59	15.62	15.16	16.34	15.88	13.81	12.94	11.86	11.44	13.97
18	14.89	15.67	15.39	15.92	15.31	16.41	15.45	14.82	12.61	11.17	10.89	13.58
19	15.07	15.77	15.38	15.88	15.51	16.28	15.40	15.58	11.92	11.43	10.64	13.08
20	15.11	15.85	15.39	16.02	14.74	15.96	15.45	15.34	11.67	12.46	10.78	12.74
21	15.25	15.70	15.25	16.03	14.56	15.81	15.49	15.11	11.45	11.98	10.76	13.35
22	14.83	15.54	15.07	15.96	14.85	16.21	15.34	14.71	11.43	11.55	11.44	13.11
23	14.66	15.47	14.98	15.74	15.03	16.77	15.46	14.35	12.91	11.72	12.79	13.27
24	15.04	15.65	14.72	15.66	15.32	16.51	15.18	14.41	---	12.08	12.81	13.32
25	15.08	15.81	14.90	16.02	15.81	16.71	15.40	14.44	11.80	11.64	13.17	12.42
26	15.28	15.57	15.37	16.15	16.08	17.16	15.85	13.53	11.50	12.03	13.28	12.06
27	15.26	15.78	15.57	15.99	15.66	16.32	15.90	13.76	11.38	11.42	12.66	12.93
28	15.70	15.55	15.75	15.99	15.62	16.25	15.72	13.59	11.28	10.80	12.14	14.14
29	15.79	15.66	15.40	15.79	---	16.86	15.39	13.82	11.56	11.30	11.49	14.73
30	15.77	15.74	15.17	15.47	---	17.03	14.79	13.45	11.51	11.13	10.93	14.69
31	15.63	---	15.23	15.29	---	17.43	---	12.95	---	11.23	10.89	---
Mean	14.57	15.72	15.55	15.77	15.21	16.26	15.94	14.51	12.35	11.33	11.17	12.77
Max	15.79	16.31	16.19	16.24	16.08	17.43	17.42	15.58	13.87	13.30	13.28	14.73
Min	13.10	15.30	14.72	15.29	14.49	15.39	14.79	12.95	11.28	9.91	9.99	10.81
Med	14.66	15.70	15.62	15.81	15.14	16.21	15.77	14.58	12.34	11.30	10.89	12.95

	Calendar Year 2009	Water Year 2010
Mean	15.17	14.26
Max	17.61	17.43
Min	10.94	9.91
Med	15.39	15.07

404030073293703 Local number N 180.2—Continued





Water-Data Report 2010

404031073382701 Local number N 11166. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°40'31", long 73°38'27" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at west side of North Village Avenue, 54 ft north of Demott Avenue, Rockville Centre.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 645 ft. Upper casing diameter 4 in; top of first opening 620 ft, bottom of last opening 640 ft.

DATUM.--Land-surface datum is 36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.14 ft below land-surface datum.

PERIOD OF RECORD.--March 1993 to March 1998 and September 2003 to current year.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 21.01 ft above sea level, April 3, 2010; lowest recorded, 12.71 ft above sea level, August 3, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 21.01 ft above sea level, April 3; lowest recorded, 13.05 ft above sea level, August 21.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 2	15.77	Jan 13	18.16
20	17.61	Apr 1	20.69

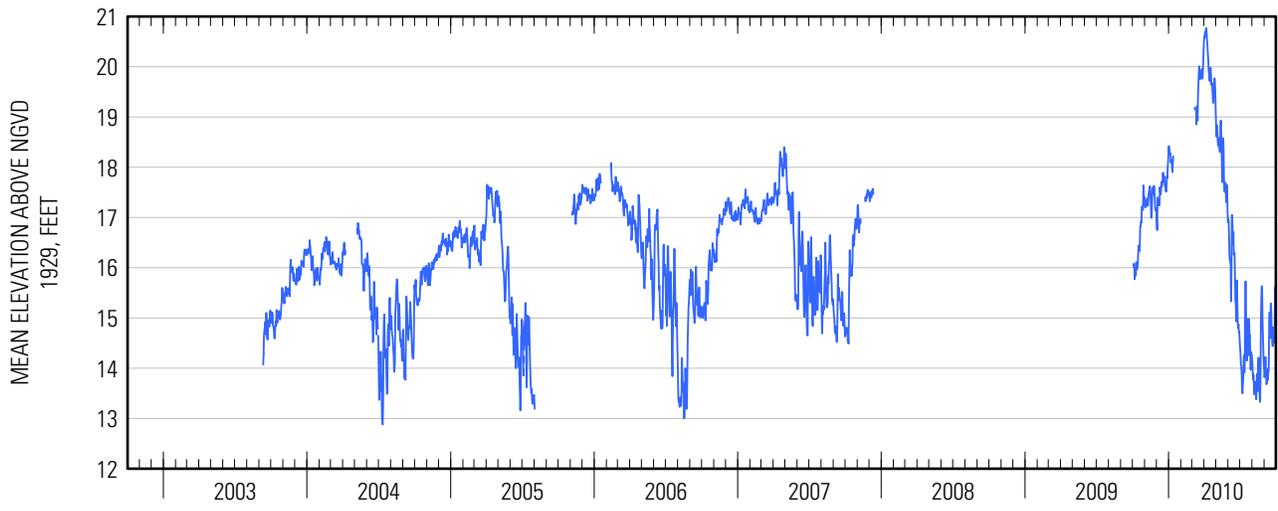
404031073382701 Local number N 11166. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	17.23	16.92	18.42	---	---	20.59	18.82	16.97	14.42	14.11	13.82
2	---	17.20	16.75	18.29	---	---	20.63	18.61	16.93	14.29	13.95	13.87
3	16.01	17.32	17.40	18.32	---	---	20.69	18.80	16.61	14.07	13.78	14.22
4	16.08	17.22	17.25	18.25	---	---	20.59	18.83	16.25	14.05	13.87	14.22
5	15.95	17.34	17.33	18.27	---	---	20.73	18.53	16.15	13.89	13.70	13.93
6	15.77	17.30	17.33	18.09	---	19.19	20.77	18.43	16.12	13.59	13.48	13.68
7	15.95	17.38	17.24	18.15	---	19.18	20.68	18.51	16.06	13.50	13.54	13.70
8	15.85	17.23	17.24	18.10	---	19.16	20.53	18.58	15.33	13.66	13.73	13.93
9	15.86	17.24	17.60	17.98	---	19.15	20.41	18.40	15.89	13.75	13.62	13.76
10	16.11	17.43	17.50	17.90	---	19.14	20.26	18.33	17.05	14.14	13.50	13.99
11	16.02	17.51	17.46	18.07	---	19.13	20.15	18.30	17.04	14.26	13.38	13.92
12	15.97	17.53	17.54	18.23	---	18.85	19.95	18.81	16.73	13.91	13.62	14.04
13	16.03	17.62	17.71	---	---	19.21	19.85	18.93	16.47	14.19	13.89	14.85
14	16.10	17.62	17.62	---	---	19.11	19.76	18.67	16.71	15.26	13.54	15.11
15	16.32	17.44	17.68	---	---	18.93	19.71	18.34	16.26	15.73	13.62	14.80
16	16.44	17.28	17.70	---	---	19.45	19.88	17.93	16.30	15.23	14.07	14.60
17	16.40	16.99	17.89	---	---	19.64	19.98	17.70	16.30	14.57	14.21	15.29
18	16.33	17.04	17.71	---	---	19.89	19.84	18.04	15.80	14.15	13.88	15.24
19	16.43	17.27	17.76	---	---	20.01	19.64	18.58	15.35	14.21	13.78	14.86
20	16.83	17.59	17.82	---	---	19.85	19.68	18.39	15.28	14.98	13.37	14.62
21	16.82	17.53	17.75	---	---	19.75	19.61	17.78	15.00	14.75	13.33	14.50
22	16.92	17.47	17.63	---	---	19.86	19.49	17.59	14.93	14.32	13.81	14.44
23	16.90	17.51	17.66	---	---	19.91	19.34	17.51	15.75	14.26	14.99	14.81
24	17.20	17.63	17.53	---	---	19.79	19.28	17.67	15.30	14.98	15.36	14.78
25	17.22	17.53	17.51	---	---	19.88	19.47	17.69	14.95	14.63	15.63	14.70
26	17.17	17.40	17.66	---	---	19.96	19.70	17.44	14.80	14.66	15.62	14.51
27	17.15	17.21	17.82	---	---	19.76	19.77	17.30	14.87	14.26	15.00	14.83
28	17.64	17.15	17.78	---	---	19.81	19.70	17.65	14.72	13.97	14.68	15.60
29	17.49	17.13	18.01	---	---	20.05	19.49	17.60	14.72	14.32	14.38	15.53
30	17.32	17.18	18.12	---	---	20.30	19.12	17.18	14.54	14.29	14.12	15.69
31	17.40	---	18.29	---	---	20.50	---	16.91	---	14.26	14.01	---
Mean	16.54	17.35	17.59	---	---	19.59	19.98	18.12	15.84	14.34	14.05	14.53
Max	17.64	17.63	18.29	---	---	20.50	20.77	18.93	17.05	15.73	15.63	15.69
Min	15.77	16.99	16.75	---	---	18.85	19.12	16.91	14.54	13.50	13.33	13.68
Med	16.40	17.33	17.63	---	---	19.76	19.84	18.33	15.97	14.26	13.87	14.56

Water Year 2010	
Mean	16.80
Max	20.77
Min	13.33
Med	17.20

404031073382701 Local number N 11166. 1—Continued





Water-Data Report 2010

404037073335303 Local number N 1184.3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°40'36", long 73°33'51" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 31 ft. Upper casing diameter 1.25 in; top of first opening 26 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 32 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

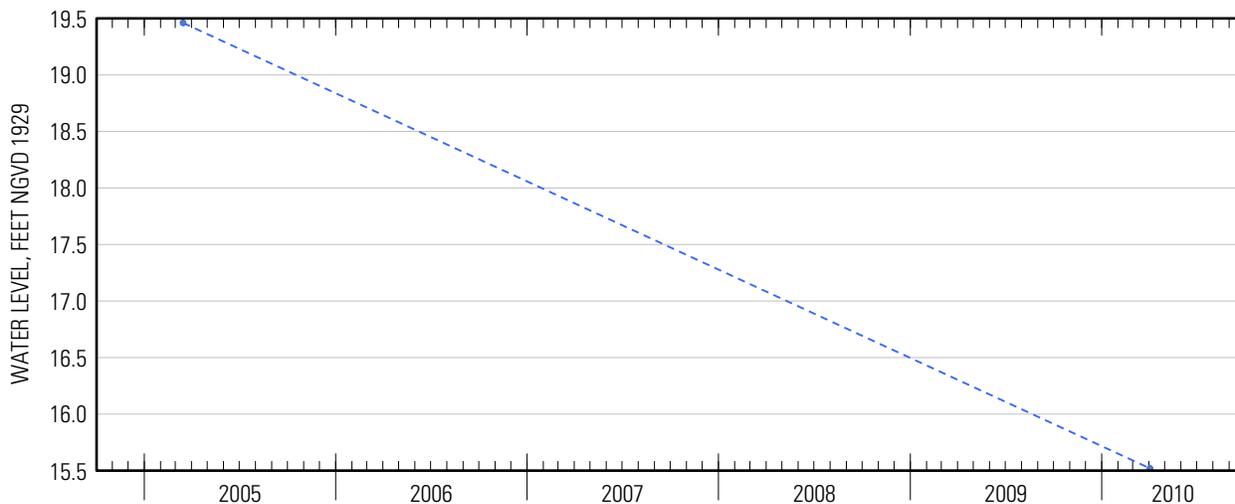
PERIOD OF RECORD.--Septemebr 1969 to April 1984, May 1987 to March 1998, March 2005, and April 2010.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.45 ft above sea level, March 20, 1979; lowest measured, 15.52 ft above sea level, April 2, 2010.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 2	15.52



Water-Data Report 2010

404040073420102 Local number N 1110. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°40'40.1", long 73°41'59.4" referenced to North American Datum of 1983, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 35 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 31 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.82 ft below land-surface datum.

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

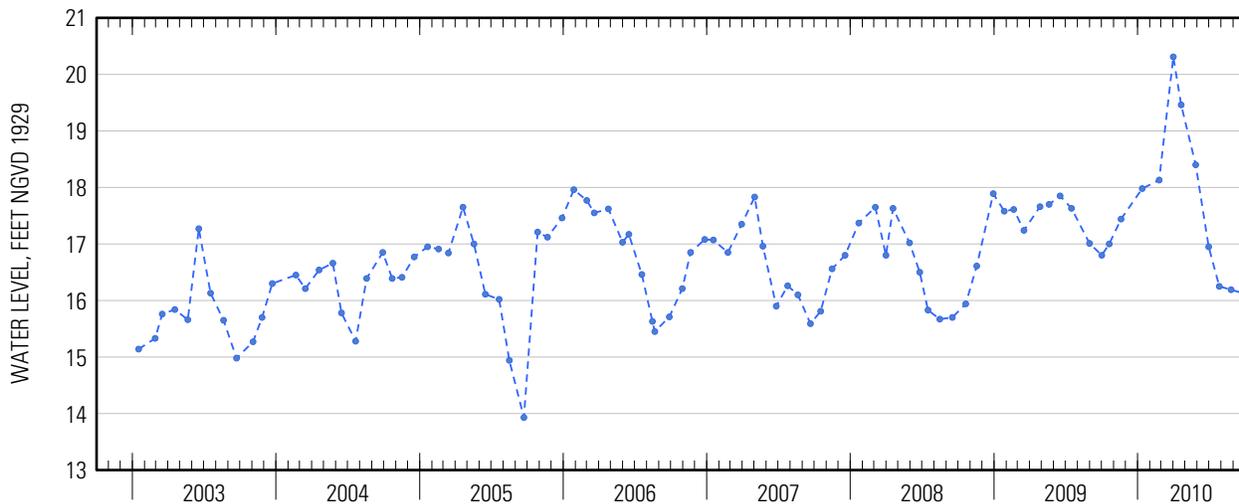
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.31 ft above sea level, April 1, 2010; lowest measured, 13.93 ft above sea level, September 22, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	16.80	Apr 21	19.46
20	17.00	May 28	18.40
Nov 19	17.44	Jun 30	16.95
Jan 12	17.98	Jul 27	16.25
Feb 24	18.13	Aug 26	16.19
Apr 1	20.31	Sep 30	16.12



404043073413108 Local number N 7.1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°40'43.5", long 73°41'29.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Valley Stream State Park, 150 ft west of Corona Avenue, 130 ft north of Remsen Street, Valley Stream.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 911 ft. Upper casing diameter 6 in; top of first opening 851 ft, bottom of last opening 911 ft.

DATUM.--Land-surface datum is 20.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in steel plug, 2.06 ft above land-surface datum.

PERIOD OF RECORD.--March 1941 to September 1982, January 1985, and August 1987 to current year.

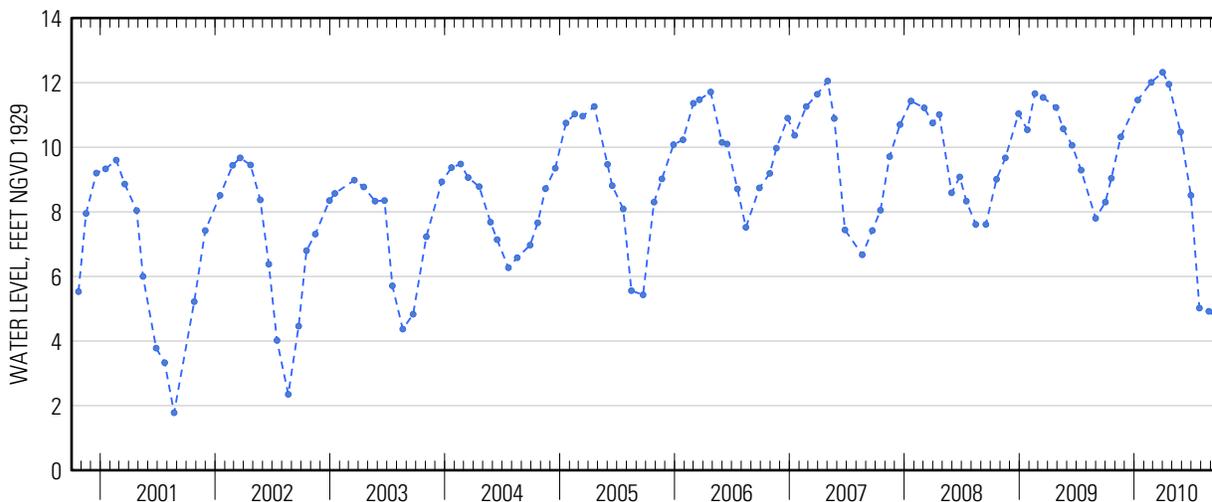
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.75 ft above sea level, March 9, 1941; lowest measured, 6.84 ft below sea level, August 25, 1970.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	8.30	Apr 21	11.95
20	9.04	May 28	10.47
Nov 19	10.32	Jun 30	8.51
Jan 12	11.46	Jul 27	5.02
Feb 24	12.01	Aug 26	4.92
Apr 1	12.32	Sep 21	4.70



404048073412602 Local number N 9.1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°40'48.5", long 73°41'24.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Valley Stream State Park, 30 ft west of Corona Avenue, 650 ft north of Remsen Street, Valley Stream.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 138 ft. Upper casing diameter 4 in; top of first opening 98 ft, bottom of last opening 138 ft.

DATUM.--Land-surface datum is 22.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.08 ft above land-surface datum.

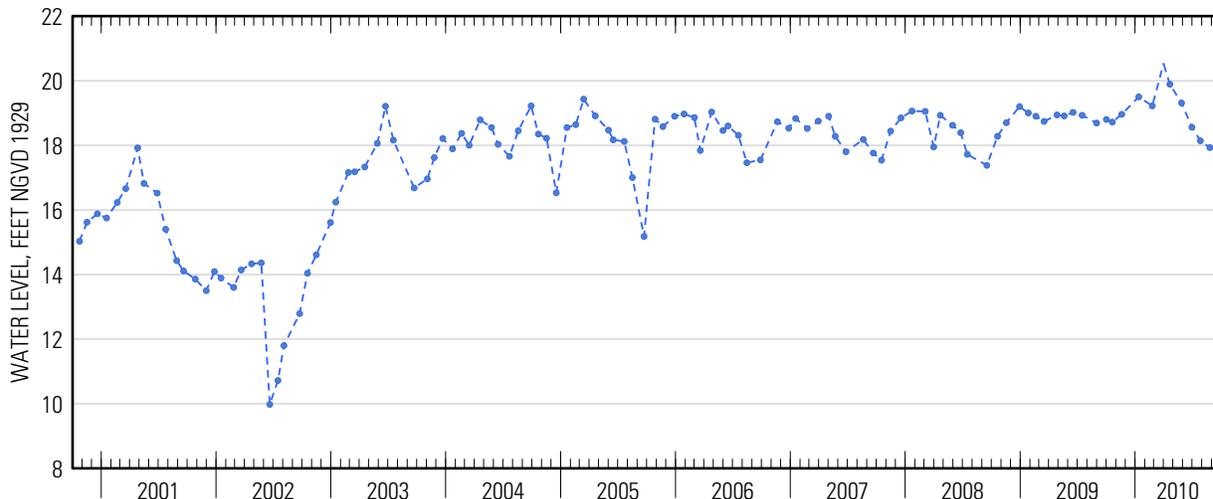
PERIOD OF RECORD.--July 1936 to current year.

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

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	18.80	Apr 21	19.89
20	18.72	May 28	19.31
Nov 19	18.96	Jun 30	18.56
Jan 12	19.50	Jul 27	18.14
Feb 24	19.22	Aug 26	17.93
Apr 1	20.54	Sep 21	17.62
2	20.49		



Water-Data Report 2010

404050073384001 Local number N 13373. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°40'49.8", long 73°38'39.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Hempstead Lake State Park, east side of Lake Shore Drive, 71 ft north of entrance to parking field 1, Lakeview.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44.75 ft. Upper casing diameter 2 in; top of first opening 34.75 ft, bottom of last opening 44.75 ft.

DATUM.--Land-surface datum is 45.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.36 ft below land-surface datum.

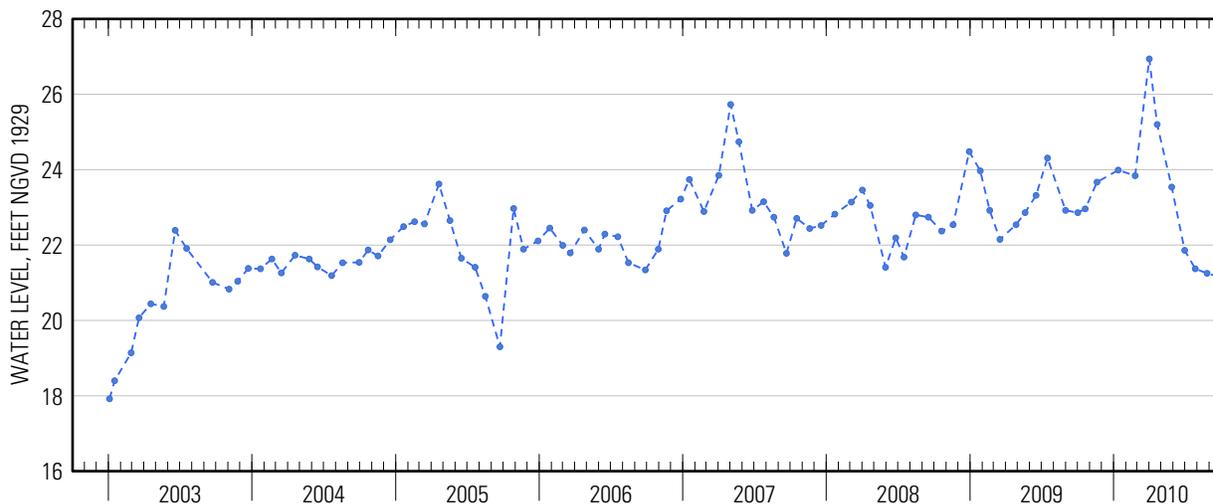
PERIOD OF RECORD.--January 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.94 ft above sea level, April 1, 2010; lowest measured, 17.92 ft above sea level, January 3, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	22.86	Apr 21	25.20
20	22.96	May 28	23.54
Nov 19	23.67	Jun 30	21.86
Jan 12	23.99	Jul 27	21.37
Feb 24	23.84	Aug 26	21.25
Apr 1	26.94	Sep 30	21.14



Water-Data Report 2010

404103073373306 Local number N 9694. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°49'38.8", long 73°40'44.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 199 ft. Upper casing diameter 4 in; top of first opening 178 ft, bottom of last opening 189 ft.

DATUM.--Land-surface datum is 154 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.59 ft below land-surface datum.

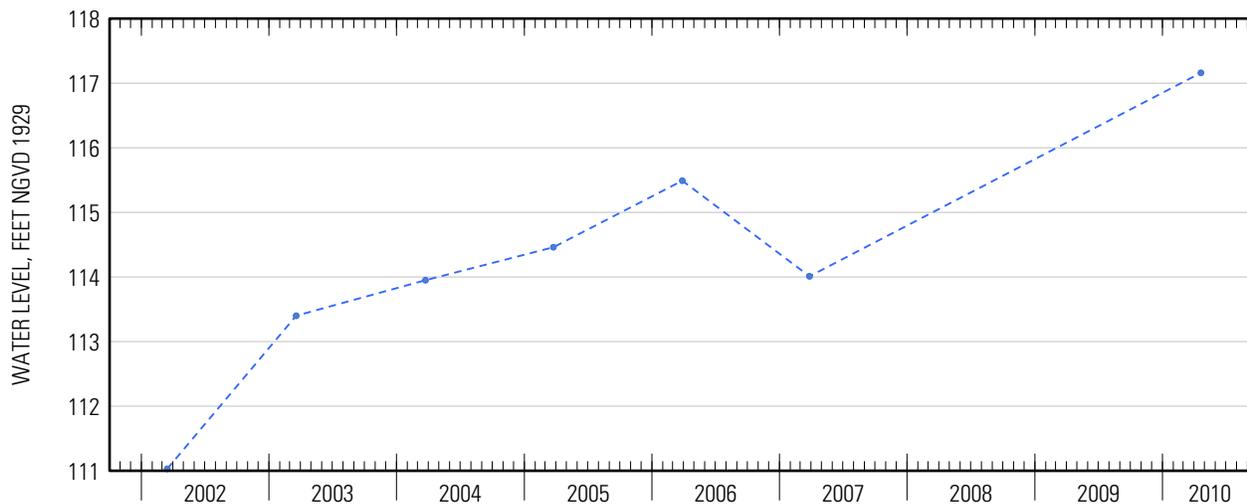
PERIOD OF RECORD.--August 1995 to March 1998 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 117.16 ft above sea level, April 20, 2010; lowest measured, 110.40 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	117.16



404111073353303 Local number N 9668. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°41'12.0", long 73°35'31.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2 in; top of first opening 45 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.19 ft below land-surface datum.

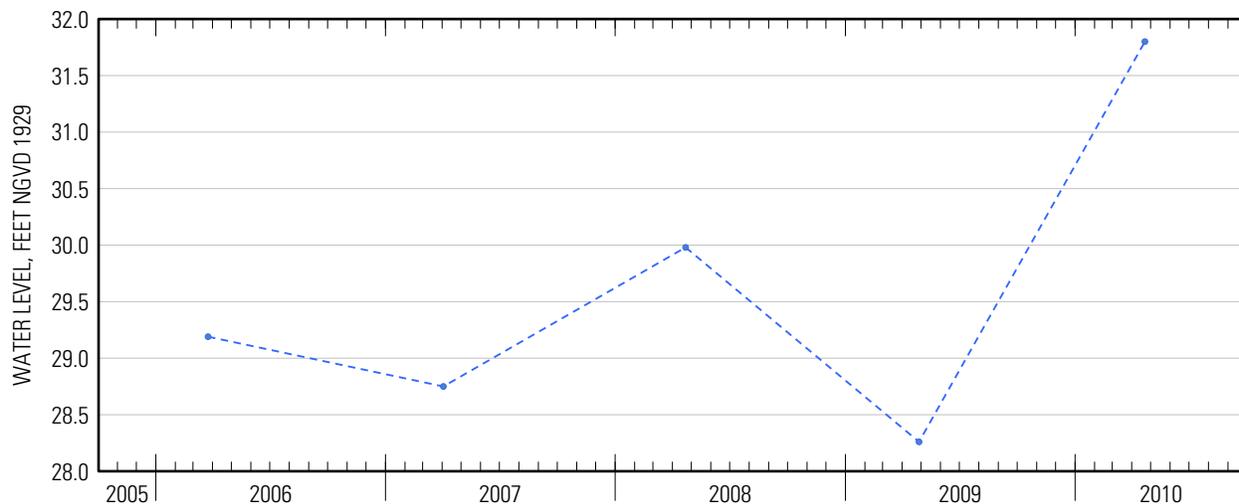
PERIOD OF RECORD.--September 1979 to May 1984, May 1987 to May 1995, March 1997 to March 1998, and March 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.67 ft above sea level, May 1, 1984; lowest measured, 25.13 ft above sea level, September 19, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	31.80



Water-Data Report 2010

404119073380201 Local number N 13374. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°41'19.7", long 73°38'00.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at west side of Peninsula Boulevard, 185 ft north of Southern State Parkway exit ramp, Lakeview.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 35 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.55 ft below land-surface datum.

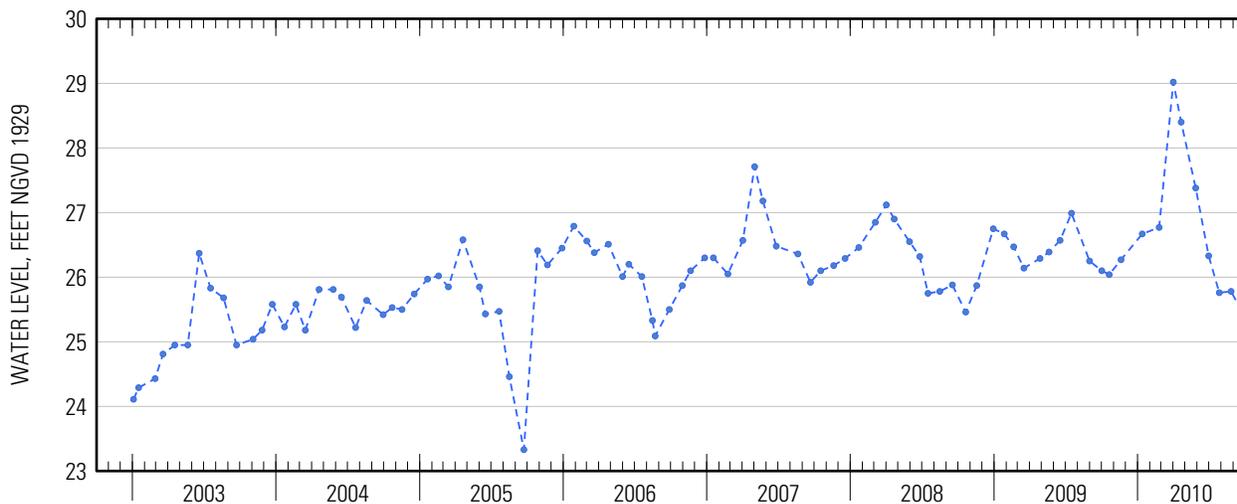
PERIOD OF RECORD.--January 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.02 ft above sea level, April 1, 2010; lowest measured, 23.33 ft above sea level, September 22, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	26.10	Apr 21	28.40
20	26.04	May 28	27.38
Nov 19	26.27	Jun 30	26.33
Jan 12	26.67	Jul 27	25.76
Feb 24	26.77	Aug 26	25.78
Apr 1	29.02	Sep 30	25.38



404135073254101 Local number N 12249. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°41'35.6", long 73°25'38.3" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29.8 ft. Upper casing diameter 4 in; top of first opening 14.8 ft, bottom of last opening 24.8 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.79 ft below land-surface datum.

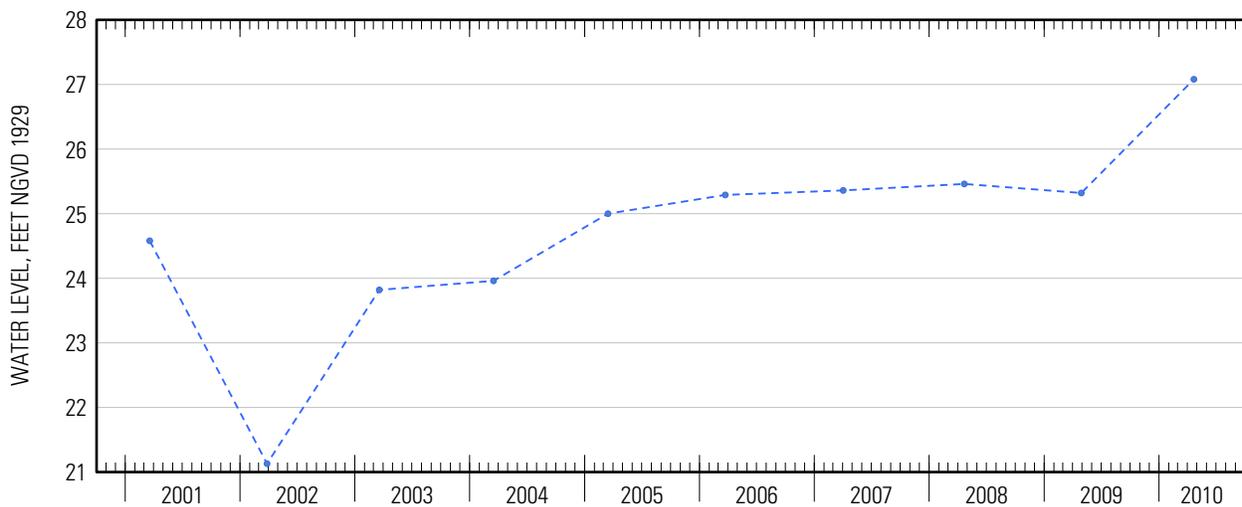
PERIOD OF RECORD.--April 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.08 ft above sea level, April 21, 2010; lowest measured, 21.11 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	27.08



Water-Data Report 2010

404202073401801 Local number N 11168. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°42'02.4", long 73°40'17.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 525 ft. Upper casing diameter 4 in; top of first opening 500 ft, bottom of last opening 520 ft.

DATUM.--Land-surface datum is 49.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.47 ft below land-surface datum.

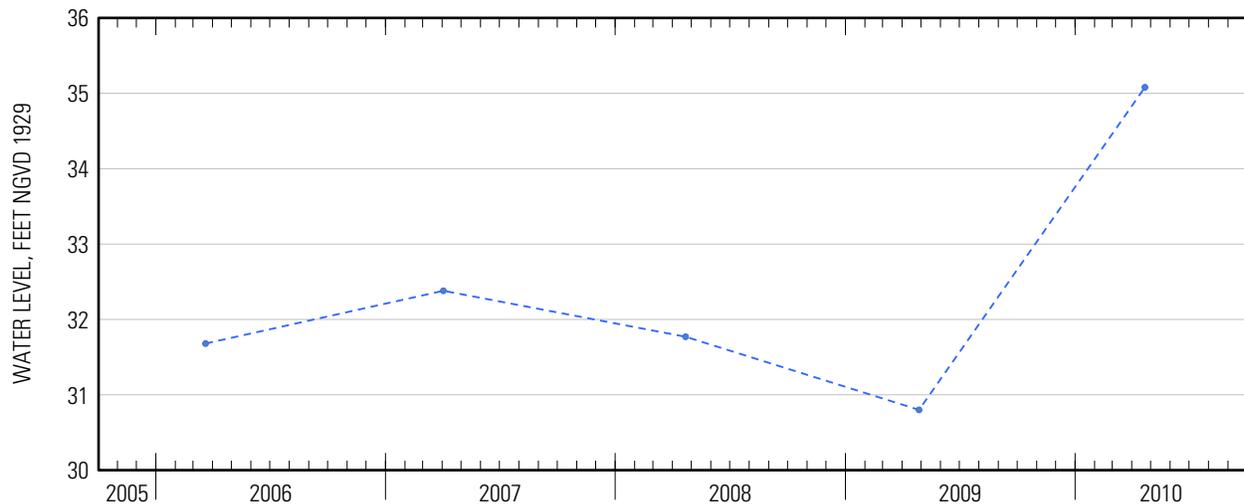
PERIOD OF RECORD.--March 1992 to March 1998 and March 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.08 ft above sea level, April 21, 2010; lowest measured, 26.18 ft above sea level, March 12, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	35.08





Water-Data Report 2010

404210073340801 Local number N 1615. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°42'10", long 73°34'08" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at south side of Van Buren Avenue, 34 ft west of Merrick Avenue, Freeport.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 1.25 in; top of first opening 30 ft, bottom of last opening 33 ft.

DATUM.--Land-surface datum is 61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

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

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 44.07 ft above sea level, April 7, 2010; lowest recorded, 32.74 ft above sea level, August 23, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 44.07 ft above sea level, April 7; lowest recorded, 39.08 ft above sea level, October 22, 23, 24, 25, and 26.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 7	39.31	May 28	42.63
22	39.09	Jun 30	41.21
Jan 13	40.82	Jul 27	40.25
14	40.79	Sep 30	39.09
Apr 1	43.57		

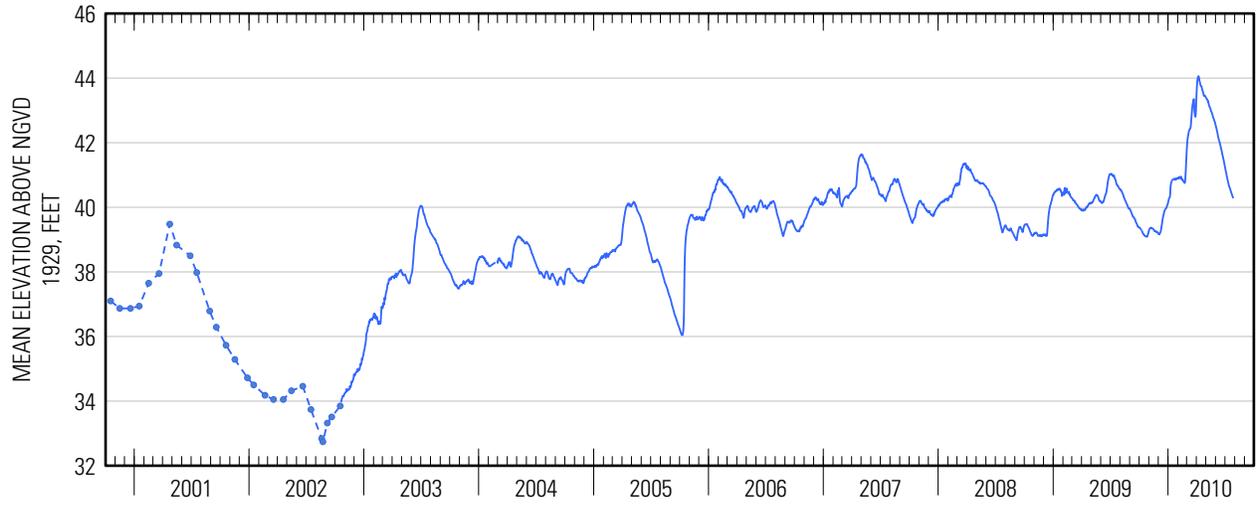
404210073340801 Local number N 1615. 4—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	39.37	39.30	39.17	40.18	40.90	41.84	43.57	43.39	42.52	41.21	---	---
2	39.36	39.32	39.16	40.22	40.90	41.97	43.75	43.37	42.48	41.15	---	---
3	39.36	39.34	39.18	40.26	40.92	42.09	43.88	43.36	42.45	41.11	---	---
4	39.35	39.35	39.17	40.28	40.90	42.17	43.96	43.35	42.40	41.07	---	---
5	39.33	39.36	39.20	40.30	40.91	42.22	44.01	43.32	42.36	41.02	---	---
6	39.31	39.37	39.21	40.32	40.94	42.27	44.05	43.31	42.32	40.96	---	---
7	---	39.37	39.23	40.41	40.93	42.33	44.06	43.27	42.26	40.92	---	---
8	39.28	39.37	39.26	40.63	40.91	42.37	44.04	43.28	42.20	40.87	---	---
9	39.27	39.35	39.31	40.70	40.90	42.39	44.00	43.22	42.16	40.83	---	---
10	39.25	39.35	39.38	40.75	40.95	42.42	43.91	43.18	42.13	40.78	---	---
11	39.22	39.34	39.43	40.79	40.90	42.43	43.89	43.14	42.08	40.75	---	---
12	39.20	39.34	39.49	40.81	40.87	42.44	43.84	43.12	42.05	40.70	---	---
13	39.18	39.34	39.57	---	40.88	42.48	43.79	43.09	42.02	40.66	---	---
14	39.16	39.33	39.63	---	40.86	42.57	43.77	43.08	41.99	40.63	---	---
15	39.16	39.32	39.69	40.87	40.84	42.71	43.75	43.05	41.94	40.61	---	---
16	39.15	39.31	39.73	40.87	40.85	42.83	43.75	43.01	41.89	40.59	---	---
17	39.13	39.28	39.77	40.88	40.83	42.96	43.73	42.97	41.86	40.56	---	---
18	39.12	39.26	39.81	40.88	40.81	43.08	43.68	42.96	41.81	40.52	---	---
19	39.11	39.26	39.86	40.87	40.79	43.16	43.64	42.94	41.77	40.49	---	---
20	39.11	39.26	39.89	40.87	40.78	43.22	43.61	42.91	41.73	40.46	---	---
21	39.10	39.26	39.91	40.86	40.77	43.25	43.58	42.88	41.68	40.43	---	---
22	39.10	39.25	39.93	40.88	40.75	43.30	43.55	42.84	41.63	40.40	---	---
23	39.09	39.24	39.95	40.85	40.77	43.35	43.50	42.81	41.59	40.37	---	---
24	39.09	39.25	39.96	40.85	40.86	43.25	43.45	42.77	41.55	40.35	---	---
25	39.09	39.24	39.97	40.89	41.04	42.98	43.45	42.75	41.50	40.32	---	---
26	39.09	39.24	39.98	40.89	41.23	42.92	43.46	42.73	41.46	40.28	---	---
27	39.12	39.24	40.01	40.88	41.45	42.82	43.46	42.69	41.41	---	---	---
28	39.16	39.22	40.05	40.89	41.66	42.80	43.45	42.66	41.36	---	---	---
29	39.18	39.20	40.07	40.88	---	42.85	43.43	42.64	41.31	---	---	---
30	39.23	39.19	40.09	40.90	---	43.01	43.41	42.60	41.26	---	---	---
31	39.27	---	40.14	40.91	---	43.31	---	42.56	---	---	---	---
Mean	39.20	39.30	39.65	40.71	40.93	42.70	43.71	43.01	41.91	40.69	---	---
Max	39.37	39.37	40.14	40.91	41.66	43.35	44.06	43.39	42.52	41.21	---	---
Min	39.09	39.19	39.16	40.18	40.75	41.84	43.41	42.56	41.26	40.28	---	---
Med	39.17	39.30	39.73	40.86	40.90	42.80	43.74	43.01	41.92	40.65	---	---

	Calendar Year 2009	Water Year 2010
Mean	40.05	41.20
Max	41.04	44.06
Min	39.09	39.09
Med	40.13	40.89

404210073340801 Local number N 1615. 4—Continued



Water-Data Report 2010

404232073432501 Local number N 9979. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°42'32.1", long 73°43'25.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at west side of Wellington Road, 279 ft south of Hempstead Turnpike, Elmont.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 4 in; top of first opening 87 ft, bottom of last opening 92 ft.

DATUM.--Land-surface datum is 71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--December 1982 to current year. Unpublished records for December 1982 to September 1987 are available in files of the U.S. Geological Survey.

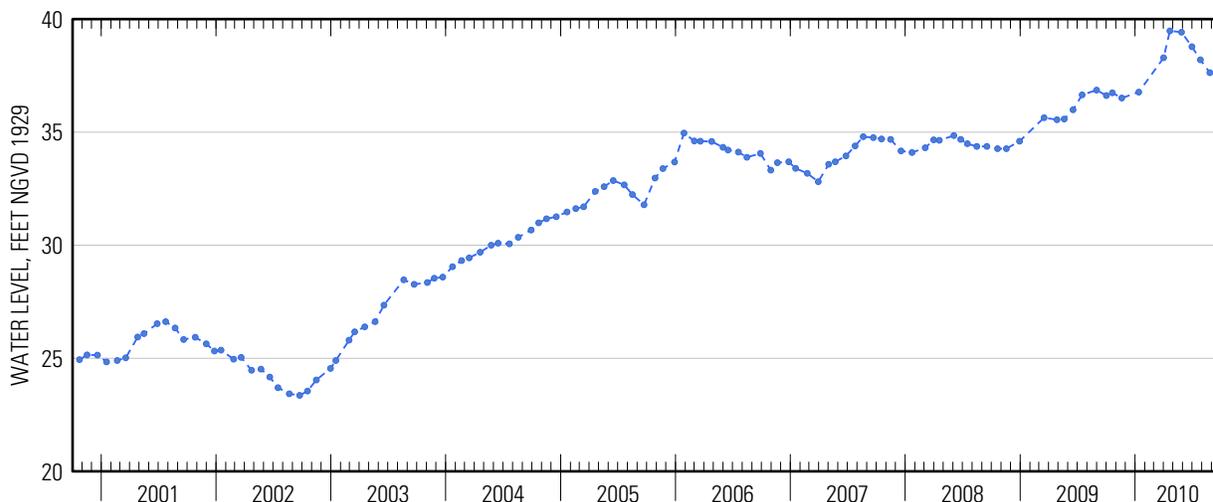
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.48 ft above sea level, April 21, 2010; lowest measured, 5.39 ft above sea level, April 8, 1983.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	36.62	May 28	39.42
20	36.74	Jun 30	38.78
Nov 19	36.51	Jul 27	38.20
Jan 12	36.77	Aug 26	37.63
Apr 1	38.29	Sep 21	37.08
21	39.48		





Water-Data Report 2010

404237073433701 Local number N 7493. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°42'36", long 73°43'35" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at west side of Cross Island Parkway exit ramp (Hempstead Turnpike eastbound), 21 ft south of Hempstead Turnpike, Elmont.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 353 ft. Upper casing diameter 4 in; top of first opening 349 ft, bottom of last opening 353 ft.

DATUM.--Land-surface datum is 75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.02 ft above land-surface datum.

PERIOD OF RECORD.--April 1964 and January 1968 to current year. Unpublished records from April 1964 to September 1975 are available in files of the Geological Survey.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.84 ft above sea level, May 8, 2010; lowest recorded, 3.52 ft above sea level, August 8, 1982.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 39.84 ft above sea level, May 8; lowest recorded, 36.58 ft above sea level, October 21, 22, 23, 24, 26, and 27.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	36.79	May 28	39.52
20	36.59	Jun 30	38.94
Jan 13	36.91	Jul 27	38.35
Apr 1	38.42	Sep 21	37.27

404237073433701 Local number N 7493. 1—Continued

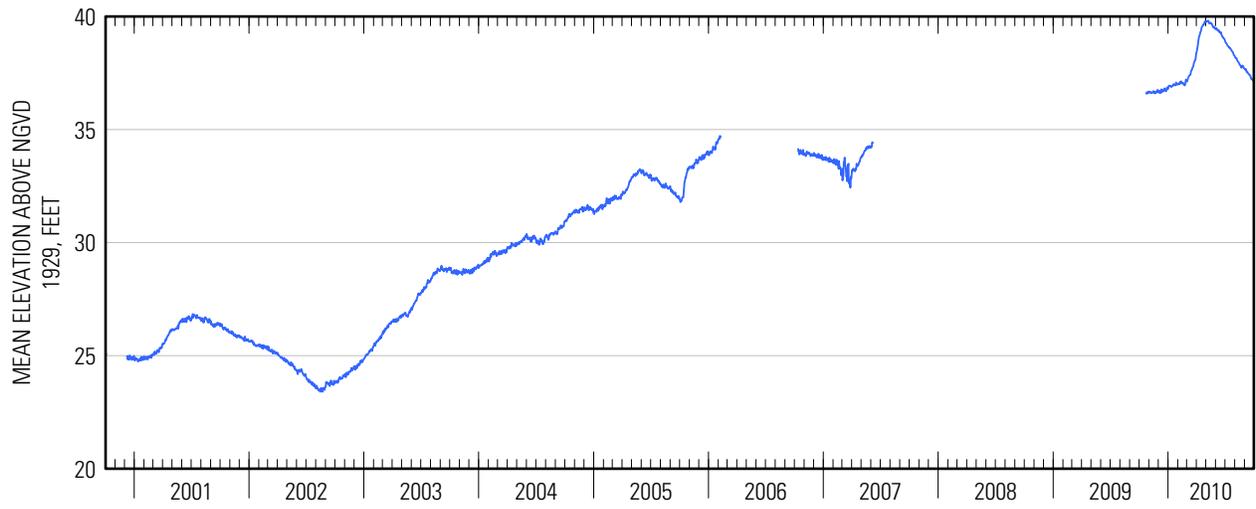
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	36.68	36.68	36.85	37.01	37.14	38.43	39.76	39.44	38.90	38.22	37.67
2	---	36.65	36.63	36.90	37.00	37.13	38.49	39.76	39.47	38.86	38.19	37.66
3	---	36.66	36.72	36.94	37.03	37.19	38.57	39.78	39.49	38.83	38.16	37.66
4	---	36.64	36.67	36.93	37.02	37.23	38.66	39.79	39.45	38.82	38.16	37.68
5	---	36.64	36.64	36.92	37.00	---	38.75	39.79	39.41	38.81	38.16	37.63
6	---	36.66	36.65	36.93	37.08	37.31	38.85	39.80	39.41	38.78	38.15	37.59
7	---	36.62	36.62	36.92	37.09	37.34	38.96	39.79	39.39	38.75	38.11	37.55
8	---	36.63	36.62	36.93	37.07	37.37	39.04	39.82	39.38	38.72	38.07	37.56
9	---	36.61	36.72	36.91	37.04	37.39	39.12	39.80	39.36	38.70	38.04	37.56
10	---	36.62	36.78	36.88	37.13	37.40	39.15	39.73	39.40	38.69	38.02	37.53
11	---	36.62	36.71	36.88	37.13	37.41	39.19	39.70	39.38	38.68	38.00	37.50
12	---	36.63	36.66	36.91	37.05	37.42	39.25	39.69	39.31	38.65	37.98	37.48
13	---	36.67	36.66	36.92	37.05	37.47	39.31	39.69	39.30	38.62	37.96	37.46
14	---	36.69	36.73	36.92	37.07	37.56	39.33	39.70	39.29	38.63	37.93	37.45
15	---	36.70	36.75	36.93	37.03	37.61	39.37	39.73	39.29	38.62	37.89	37.43
16	---	36.69	36.74	36.94	37.06	37.62	39.44	39.72	39.28	38.61	37.88	37.41
17	---	36.64	36.71	36.97	37.06	37.64	39.52	39.70	39.31	38.59	37.86	37.42
18	---	36.60	36.70	37.01	37.05	37.70	39.54	39.69	39.27	38.57	37.83	37.39
19	---	36.60	36.77	36.98	37.02	37.74	39.56	39.69	39.20	38.55	37.81	37.35
20	---	36.66	36.82	36.98	36.98	37.76	39.58	39.66	39.17	38.53	37.77	37.33
21	36.58	36.67	36.79	36.95	36.96	37.78	39.60	39.62	39.15	38.50	37.74	37.27
22	36.59	36.65	36.76	36.97	36.95	37.83	39.64	39.57	39.11	38.48	37.73	37.23
23	36.59	36.62	36.73	36.97	36.97	37.92	39.65	39.54	39.09	38.45	37.78	37.23
24	36.62	36.64	36.71	36.96	37.02	37.97	39.64	39.52	39.09	38.44	37.81	37.22
25	36.64	36.67	36.69	37.06	37.10	37.99	39.67	39.51	39.06	38.42	37.83	37.23
26	36.59	36.70	36.72	37.08	37.21	38.05	39.74	39.53	39.03	38.40	37.82	37.20
27	36.60	36.75	36.82	37.02	37.16	38.06	39.78	39.55	39.02	38.34	37.79	37.17
28	36.66	36.75	36.86	36.99	37.13	38.07	39.78	39.51	39.01	38.30	37.76	37.18
29	36.64	36.69	36.86	36.99	---	38.16	39.76	39.47	38.98	38.29	37.73	37.17
30	36.62	36.70	36.79	36.98	---	38.28	39.75	39.47	38.94	38.28	37.71	37.16
31	36.67	---	36.79	37.02	---	38.39	---	39.44	---	38.25	37.68	---
Mean	---	36.66	36.73	36.95	37.05	37.66	39.30	39.66	39.25	38.58	37.92	37.41
Max	---	36.75	36.86	37.08	37.21	38.39	39.78	39.82	39.49	38.90	38.22	37.68
Min	---	36.60	36.62	36.85	36.95	37.13	38.43	39.44	38.94	38.25	37.68	37.16
Med	---	36.65	36.72	36.94	37.05	37.63	39.40	39.69	39.29	38.61	37.88	37.42

Water Year 2010

Mean	37.89
Max	39.82
Min	36.58
Med	37.64

404237073433701 Local number N 7493. 1—Continued



Water-Data Report 2010

404253073395601 Local number N 9945. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°42'53", long 73°39'56" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at north side of 1st Place, 78 ft east of Yale Road, Garden City South.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 67 ft. Upper casing diameter 4 in; top of first opening 59 ft, bottom of last opening 64 ft.

DATUM.--Land-surface datum is 76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.28 ft below land-surface datum.

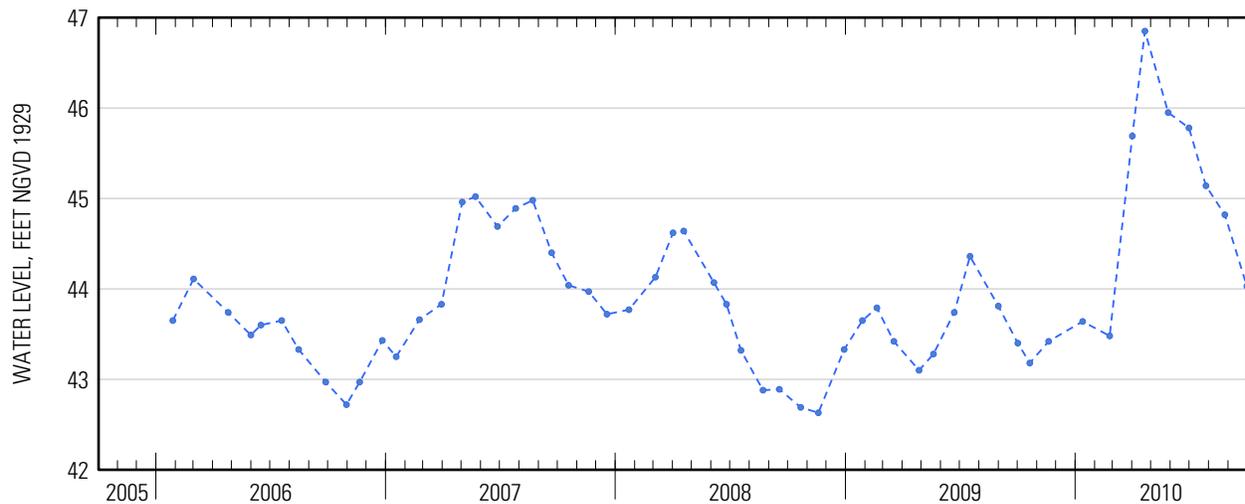
PERIOD OF RECORD.--December 1982 to September 1987, March 1990 to March 1998, and January 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.85 ft above sea level, April 21, 2010; lowest measured, 34.20 ft above sea level, December 20, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	43.40	Apr 21	46.85
20	43.18	May 28	45.95
Nov 19	43.42	Jun 30	45.78
Jan 12	43.64	Jul 27	45.14
Feb 24	43.48	Aug 26	44.82
Apr 1	45.69	Sep 30	44.03



Water-Data Report 2010

404303073295501 Local number N 12250. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°43'03.3", long 73°29'53.3" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at east side of Emerald Lane, 87 ft south of Miller Place, Levittown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 49 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.66 ft below land-surface datum.

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

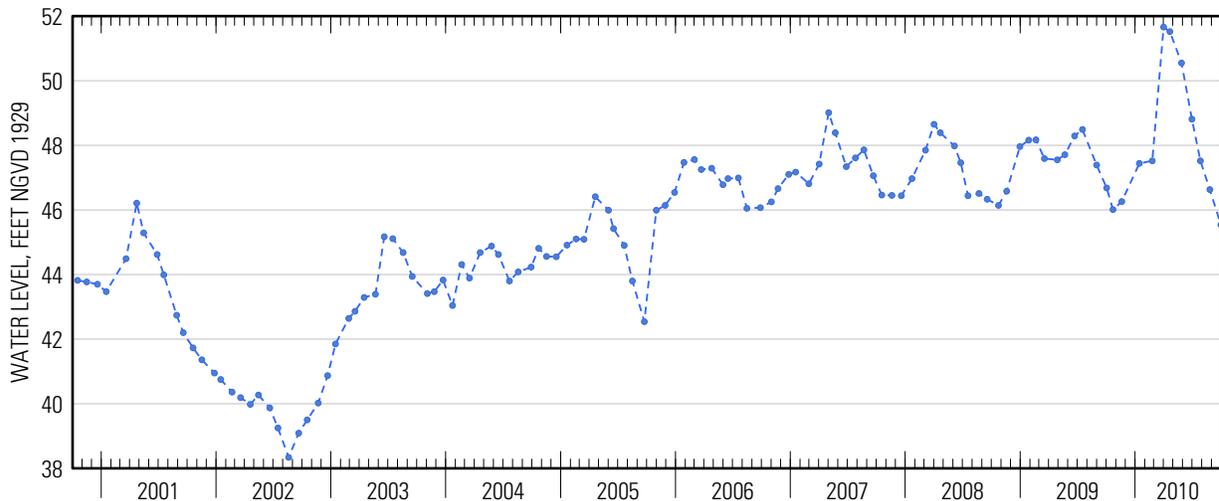
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well N1263.4 in July 1993 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.66 ft above sea level, April 1, 2010; lowest measured, 38.34 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 2	46.68	Apr 21	51.52
22	46.01	May 28	50.55
Nov 19	46.26	Jun 30	48.81
Jan 14	47.44	Jul 27	47.52
Feb 24	47.52	Aug 26	46.63
Apr 1	51.66	Sep 30	45.54



Water-Data Report 2010

404310073260201 Local number N 12239. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°43'10.4", long 73°26'00.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45.6 ft. Upper casing diameter 4 in; top of first opening 30.6 ft, bottom of last opening 40.6 ft.

DATUM.--Land-surface datum is 58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.84 ft below land-surface datum.

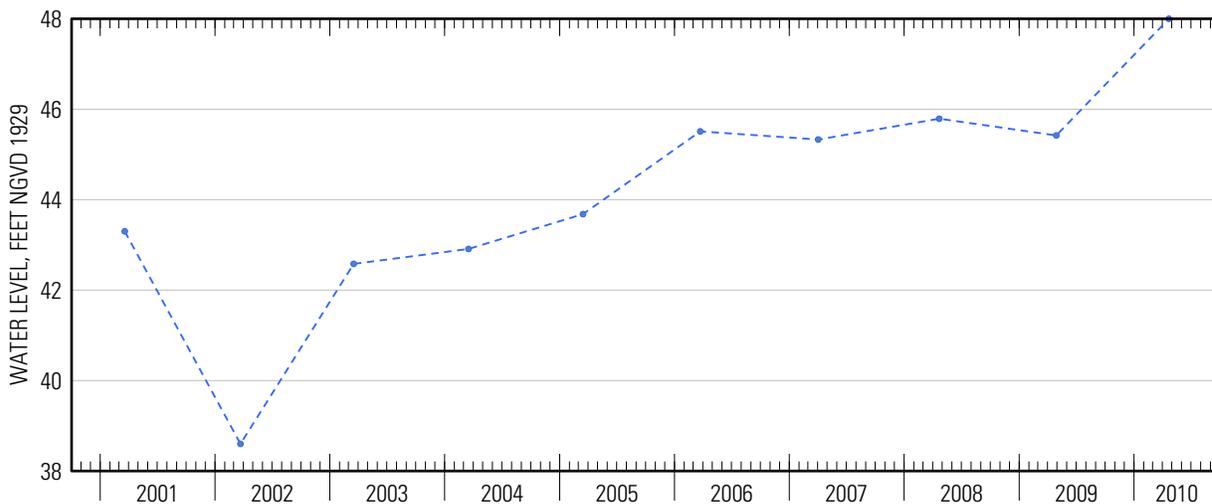
PERIOD OF RECORD.--April 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.00 ft above sea level, April 21, 2010; lowest measured, 38.60 ft above sea level, March 22, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	48.00



Water-Data Report 2010

404317073291105 Local number N 1259. 5

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°43'16", long 73°29'10" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at south side of Mary Lane, 79 ft east of Hicksville Road (State Route 107), Plainedge.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 1.25 in; top of first opening 38 ft, bottom of last opening 41 ft.

DATUM.--Land-surface datum is 78.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.42 ft below land-surface datum.

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

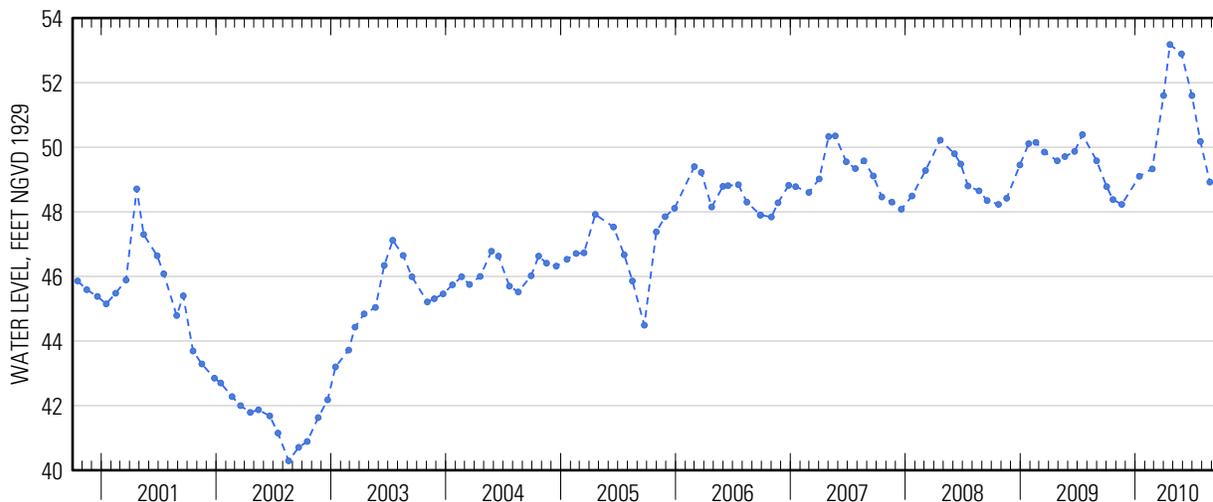
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 2	48.78	Apr 21	53.18
22	48.38	May 28	52.89
Nov 19	48.23	Jun 30	51.60
Jan 14	49.10	Jul 27	50.18
Feb 24	49.33	Aug 26	48.92
Apr 1	51.60		





Water-Data Report 2010

404323073414401 Local number N 11580. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°41'36.9", long 73°43'22.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 455 ft. Upper casing diameter 4 in; top of first opening 430 ft, bottom of last opening 450 ft.

DATUM.--Land-surface datum is 44.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft below land-surface datum.

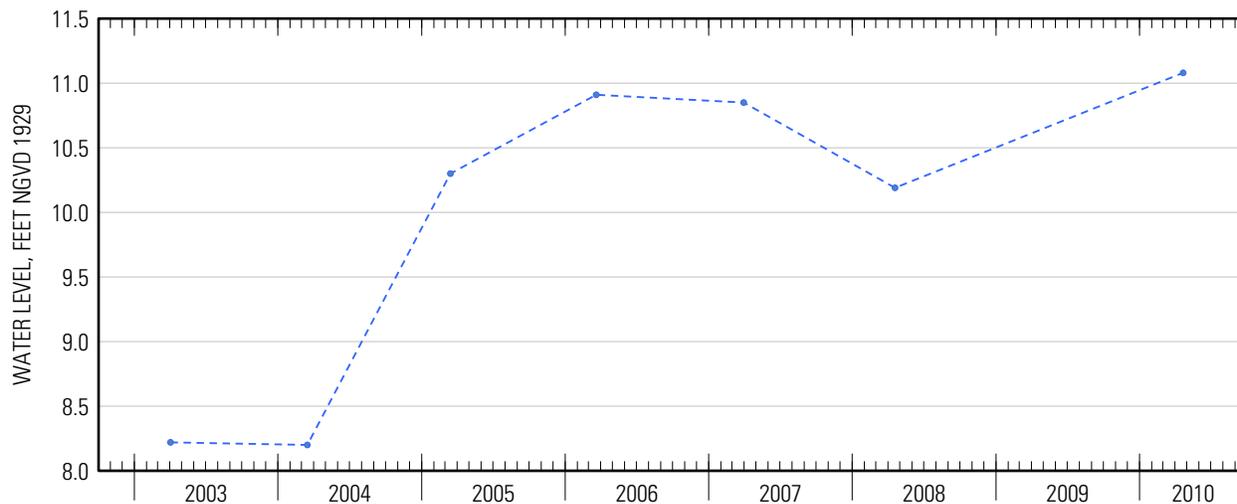
PERIOD OF RECORD.--March 1991 to March 2000 and April 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.08 ft above sea level, April 21, 2010; lowest measured, 7.65 ft above sea level, March 30, 1994.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	11.08





Water-Data Report 2010

404324073414401 Local number N 11577. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°41'37.0", long 73°43'22.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 725 ft. Upper casing diameter 4 in; top of first opening 700 ft, bottom of last opening 720 ft.

DATUM.--Land-surface datum is 45.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.08 ft below land-surface datum.

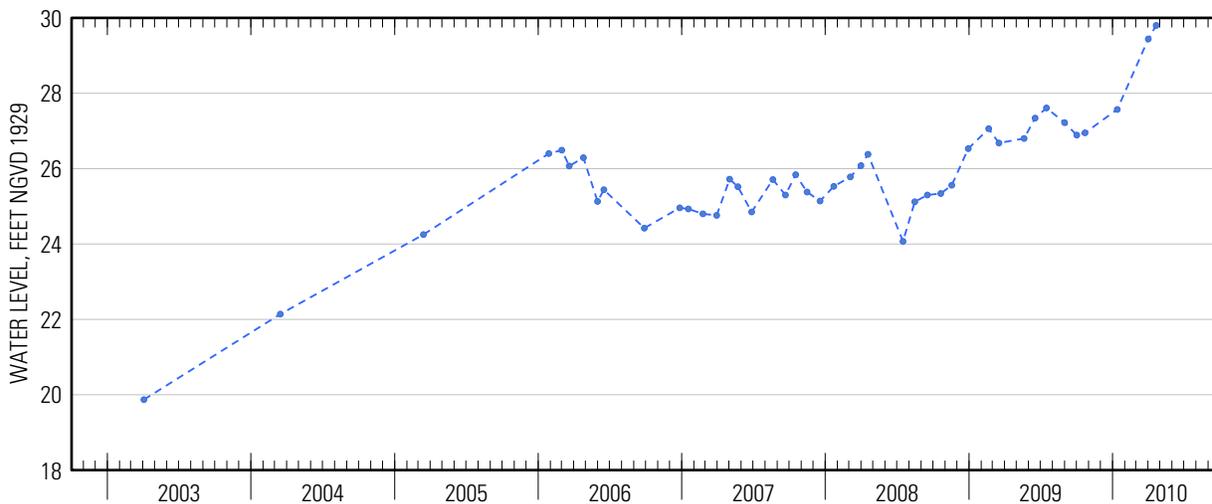
PERIOD OF RECORD.--March 1991 to March 1995, March 1997 to March 2000, and April 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.80 ft above sea level, April 21, 2010; lowest measured, 16.99 ft above sea level, March 30, 1994.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	26.89	Apr 1	29.44
22	26.95	21	29.80
Jan 12	27.57		





Water-Data Report 2010

404326073341801 Local number N 11570. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°43'26", long 73°34'18" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at southwest side of Eisenhower County Park, near wading pool, 80 ft north of fence line along Hempstead Turnpike, westernmost well, East Meadow.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 875 ft. Upper casing diameter 4 in; top of first opening 850 ft, bottom of last opening 870 ft.

DATUM.--Land-surface datum is 83.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.47 ft below land-surface datum.

PERIOD OF RECORD.--May 1990 to March 1998 and March 2002 to current year.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 20.90 ft above sea level, April 16, 2007; lowest recorded, 10.55 ft above sea level, August 23, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 20.33 ft above sea level, March 30; lowest recorded, 13.10 ft above sea level, August 21.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 7	16.62	May 28	18.93
22	17.20	Jun 30	17.45
Jan 13	18.95	Jul 27	14.27
14	18.93	Sep 30	14.57
Apr 1	20.04		

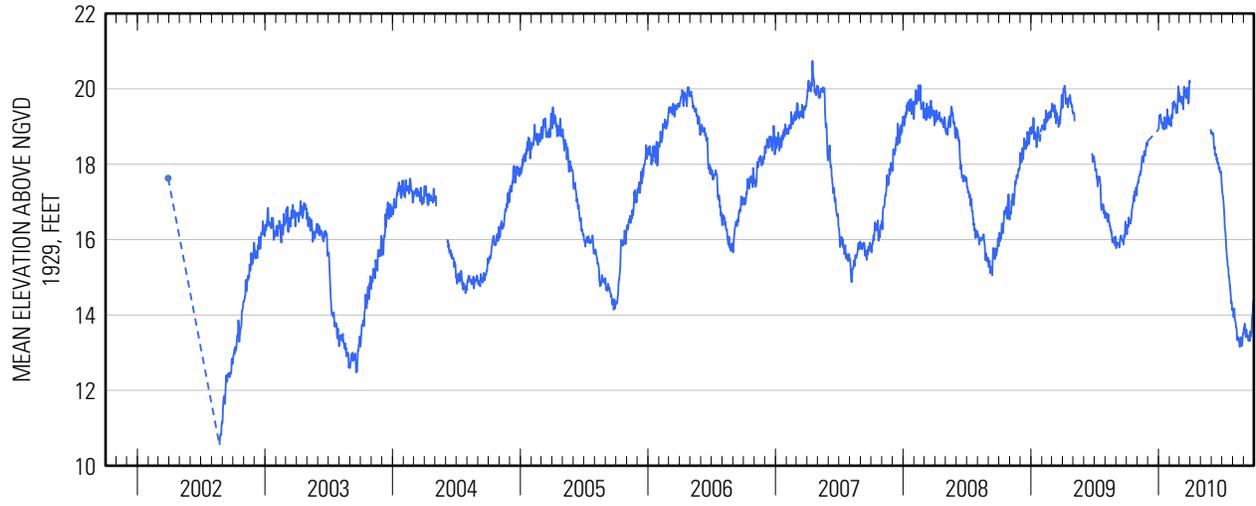
404326073341801 Local number N 11570. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	16.21	17.46	---	19.00	19.17	19.89	---	---	18.86	17.34	14.16	13.61
2	16.14	17.49	---	19.17	19.04	19.67	---	---	18.82	17.23	14.10	13.68
3	16.30	17.55	---	19.30	19.17	19.81	---	---	18.84	17.17	13.94	13.71
4	16.39	17.51	---	19.26	19.09	19.72	---	---	18.78	17.13	14.07	13.77
5	16.40	17.66	---	19.28	19.01	19.65	---	---	18.79	17.02	14.17	13.66
6	16.34	17.68	---	19.32	19.29	19.64	---	---	18.82	16.88	13.98	13.54
7	16.59	17.69	---	19.25	19.31	19.72	---	---	18.63	16.75	13.87	13.42
8	16.43	17.74	---	19.19	19.32	19.79	---	---	18.46	16.56	13.83	13.61
9	16.43	17.72	---	19.09	19.22	19.60	---	---	18.40	16.27	13.81	13.61
10	16.51	17.81	---	19.06	19.63	19.59	---	---	18.46	16.25	13.67	13.44
11	16.44	17.80	---	19.11	19.60	19.60	---	---	18.25	16.15	13.67	13.40
12	16.42	17.91	---	18.94	19.48	19.46	---	---	18.23	15.97	13.60	13.41
13	16.49	18.05	---	---	19.64	19.77	---	---	18.28	15.76	13.36	13.46
14	16.51	18.17	---	---	19.67	20.05	---	---	18.26	15.68	13.33	13.35
15	16.68	18.22	---	18.98	19.59	20.06	---	---	18.13	15.52	13.38	13.31
16	16.80	18.20	---	18.92	19.56	19.80	---	---	18.10	15.46	13.41	13.39
17	16.82	18.11	---	19.09	19.58	19.85	---	---	18.17	15.31	13.34	13.36
18	16.91	18.05	---	19.25	19.60	19.99	---	---	18.03	15.28	13.31	13.31
19	16.95	18.16	---	19.03	19.40	19.98	---	---	18.01	15.26	13.33	13.45
20	17.02	18.34	---	19.08	19.36	19.75	---	---	18.05	15.01	13.16	13.56
21	17.06	18.32	---	19.03	19.41	19.75	---	---	17.95	15.01	13.15	13.42
22	17.18	18.23	---	19.02	19.40	19.87	---	---	17.87	14.95	13.28	13.58
23	17.02	18.23	---	18.95	19.36	20.03	---	---	17.90	14.77	13.41	13.49
24	17.28	18.34	---	19.09	19.58	19.96	---	---	17.92	14.78	13.20	13.70
25	17.29	18.41	---	19.46	19.85	19.93	---	---	17.78	14.60	13.34	13.96
26	17.18	18.51	---	19.35	20.07	19.82	---	---	17.78	14.51	13.35	13.98
27	17.17	18.57	---	19.22	19.94	19.61	---	---	17.81	14.31	13.18	14.13
28	17.39	18.54	---	19.26	19.92	19.73	---	---	17.81	14.36	13.27	14.36
29	17.28	18.49	---	19.06	---	20.05	---	18.93	17.66	14.30	13.42	14.37
30	17.18	18.61	---	19.14	---	20.22	---	18.90	17.46	14.13	13.50	---
31	17.45	---	18.92	19.23	---	20.15	---	18.81	---	14.17	13.49	---
Mean	16.78	18.05	---	19.14	19.47	19.82	---	---	18.21	15.61	13.55	13.62
Max	17.45	18.61	---	19.46	20.07	20.22	---	---	18.86	17.34	14.17	14.37
Min	16.14	17.46	---	18.92	19.01	19.46	---	---	17.46	14.13	13.15	13.31
Med	16.80	18.13	---	19.11	19.44	19.80	---	---	18.15	15.46	13.41	13.56

	Calendar Year 2009	Water Year 2010
Mean	17.96	17.14
Max	20.08	20.22
Min	15.77	13.15
Med	18.16	17.81

404326073341801 Local number N 11570. 1—Continued



Water-Data Report 2010

404338073371502 Local number N 10035. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°43'38.3", long 73°37'13.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at north side of Commercial Avenue, 60 ft east of Clinton Avenue, Garden City.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 56 ft. Upper casing diameter 4 in; top of first opening 48 ft, bottom of last opening 53 ft.

DATUM.--Land-surface datum is 77.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.38 ft below land-surface datum.

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

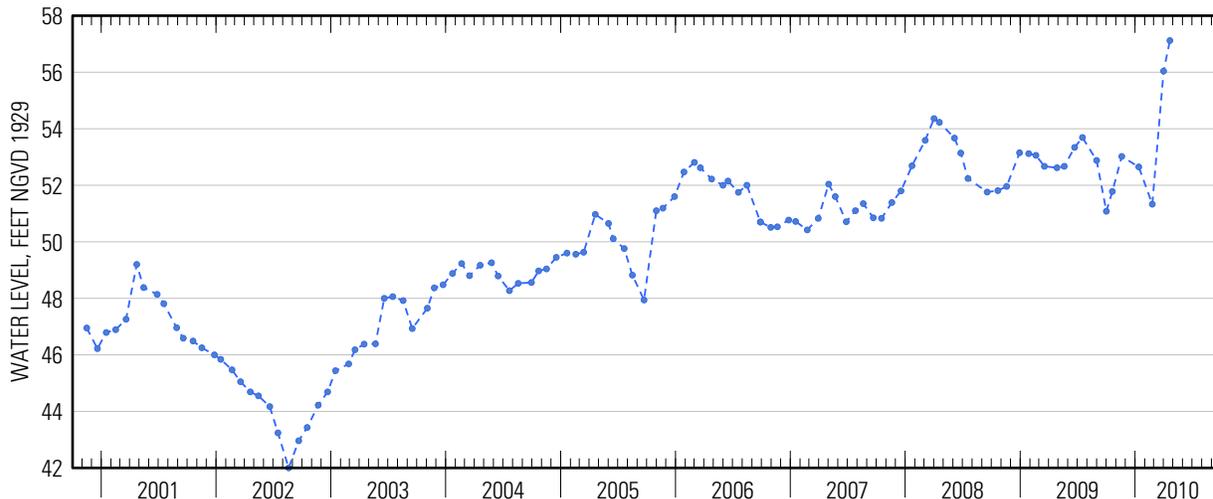
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.12 ft above sea level, April 21, 2010; lowest measured, 42.00 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	51.08	Feb 24	51.33
20	51.78	Apr 1	56.04
Nov 19	53.02	21	57.12
Jan 12	52.65		



Water-Data Report 2010

404345073411901 Local number N 7650. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°43'44", long 73°41'21" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 445 ft. Upper casing diameter 18 in; top of first opening 400 ft, bottom of last opening 440 ft.

DATUM.--Land-surface datum is 97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2-in steel plug in northeast side of pump base, 2.90 ft below land-surface datum.

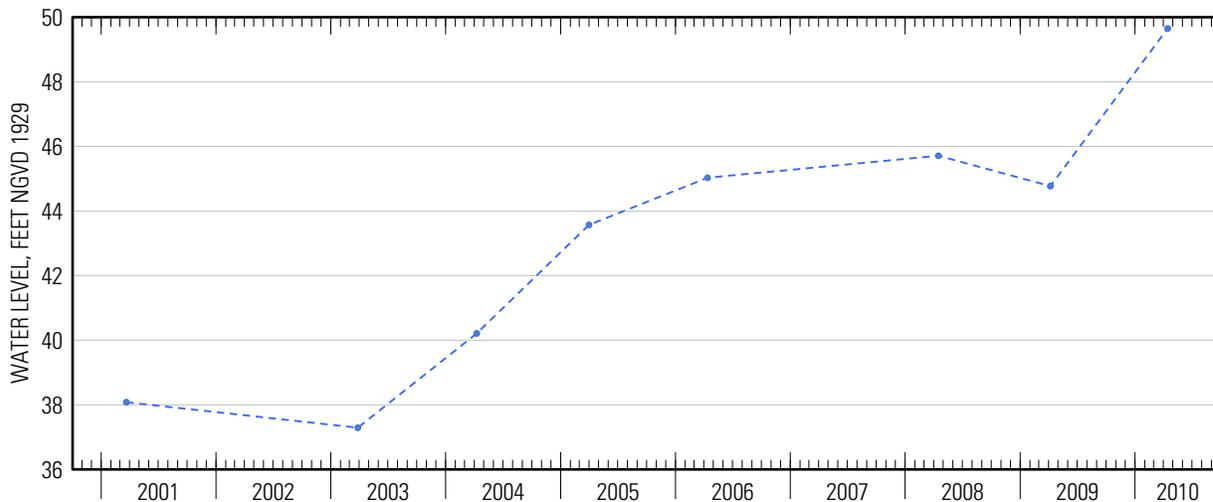
PERIOD OF RECORD.--December 1967 to March 1981, May 1984, May 1985, March 1992 to May 1995, April 1997 to March 2001, March 2003 to April 2006, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.65 ft above sea level, April 14, 2010; lowest measured, 32.63 ft above sea level, March 9, 1971.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 14	49.65



404347073260702 Local number N 9662. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°43'47.9", long 73°26'05.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 57 ft. Upper casing diameter 4 in; top of first opening 52 ft, bottom of last opening 57 ft.

DATUM.--Land-surface datum is 68.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.16 ft below land-surface datum.

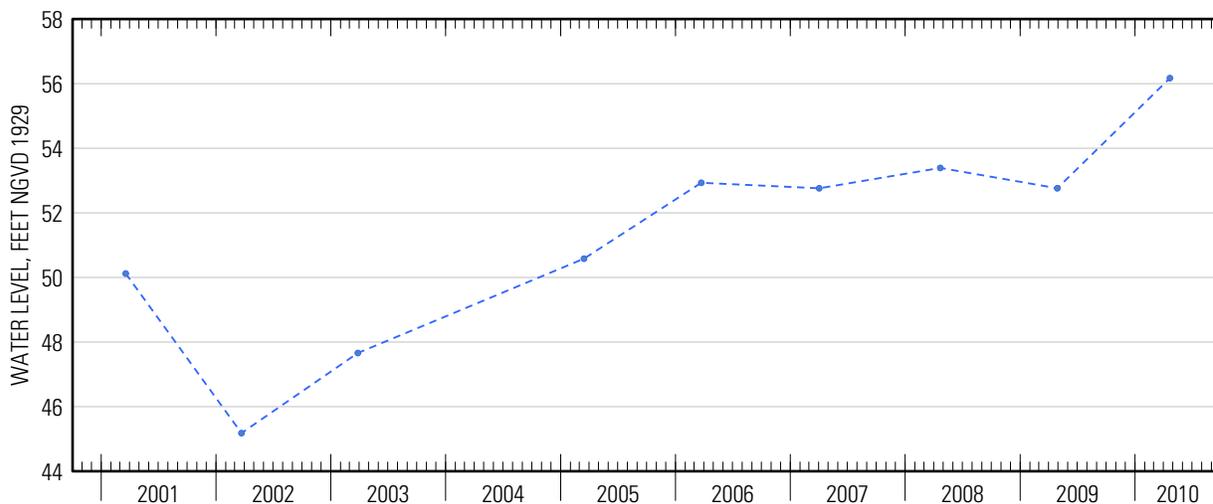
PERIOD OF RECORD.--March 1981 to August 1985, July 1988 to August 1988, and March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.52 ft above sea level, April 27, 1984; lowest measured, 45.18 ft above sea level, March 22, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	56.17



404403073370901 Local number N 3934. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°44'03.3", long 73°37'07.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 422 ft. Upper casing diameter 18 in; top of first opening 377 ft, bottom of last opening 417 ft.

DATUM.--Land-surface datum is 86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of vent hole in north side of pump base, 2.34 ft above land-surface datum.

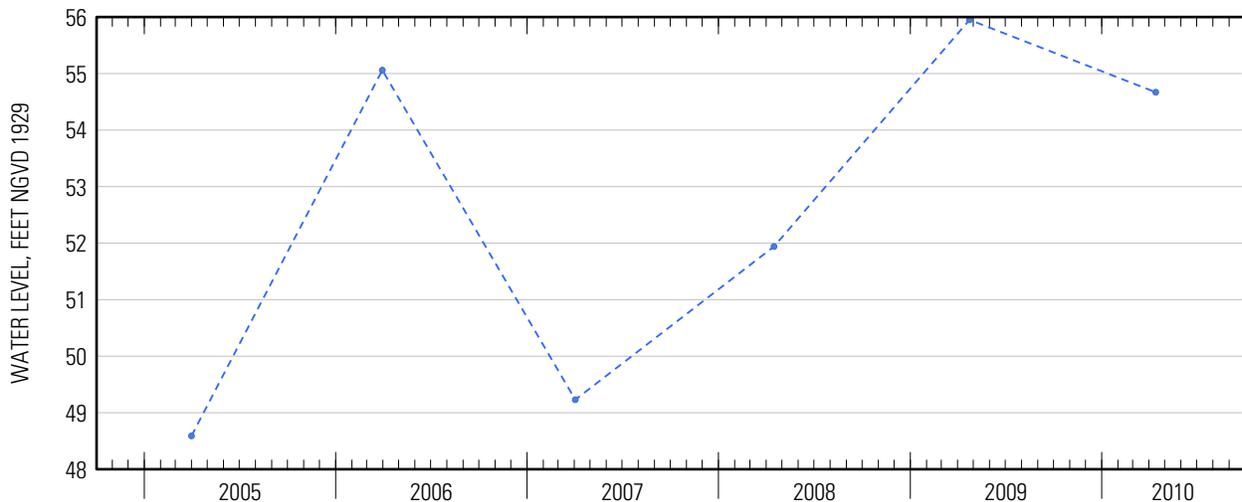
PERIOD OF RECORD.--April 1982 to May 1985, April 1995 to April 1997, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.54 ft above sea level, April 25, 1984; lowest measured, 45.24 ft above sea level, August 12, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 13	54.67



404404073420201 Local number N 9983. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°44'07.7", long 73°41'54.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 99 ft. Upper casing diameter 4 in; top of first opening 91 ft, bottom of last opening 96 ft.

DATUM.--Land-surface datum is 108 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.61 ft below land-surface datum.

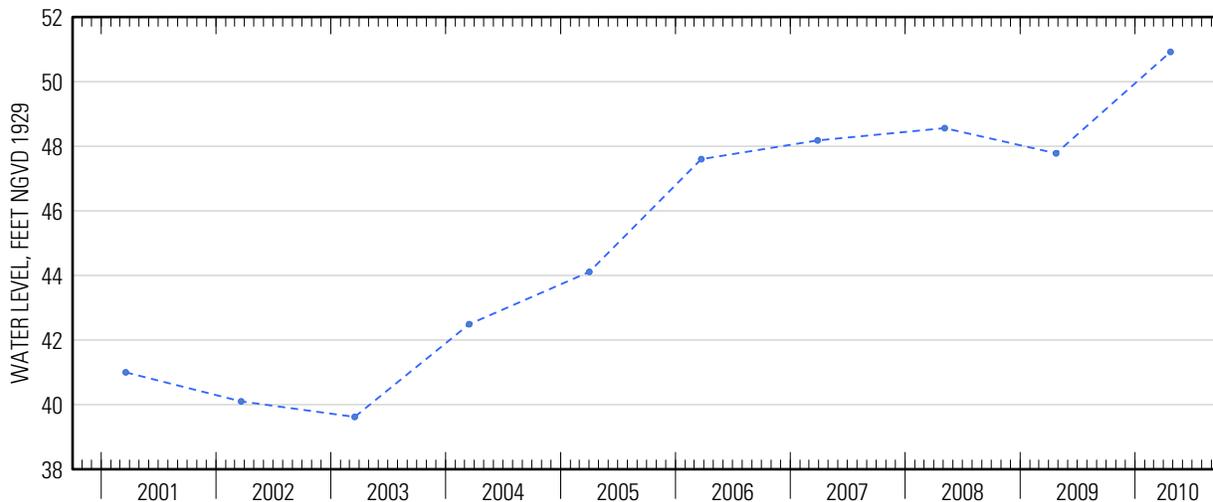
PERIOD OF RECORD.--December 1982 to March 1984, September 1997, and March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.92 ft above sea level, April 23, 2010; lowest measured, 31.90 ft above sea level, December 17, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 23	50.92



404453073323902 Local number N 1197. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°44'53", long 73°32'39" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 69 ft. Upper casing diameter 4 in; top of first opening 64 ft, bottom of last opening 69 ft.

DATUM.--Land-surface datum is 117 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.95 ft below land-surface datum.

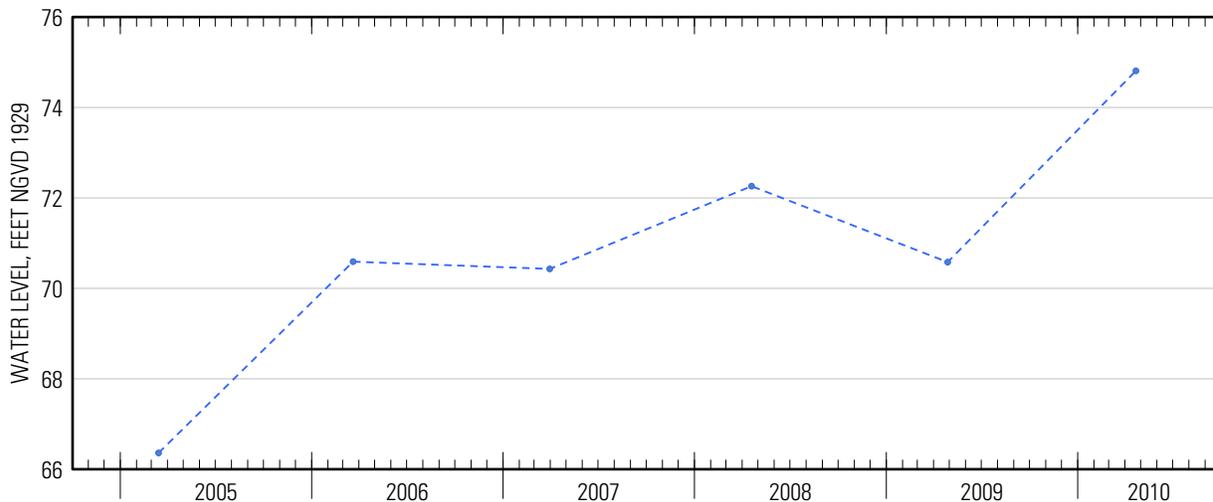
PERIOD OF RECORD.--July 1975 to March 1998 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 80.13 ft above sea level, June 7, 1979; lowest measured, 63.27 ft above sea level, January 22, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	74.81





Water-Data Report 2010

404454073393001 Local number N 1614.5

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°44'53.9", long 73°39'29.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at northwest corner of Wilson Street and Herricks Road, North Hempstead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 2 in; top of first opening 65 ft, bottom of last opening 70 ft.

DATUM.--Land-surface datum is 102 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.12 ft below land-surface datum.

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

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

REMARKS.--Replaced well N1614.4 in July 2001 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 65.18 ft above sea level, April 21, 2010; lowest measured, 50.43 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	60.13	Apr 21	65.18
20	60.28	May 28	64.97
Nov 19	60.41	Jun 30	63.79
Jan 12	60.94	Jul 27	63.38
Feb 24	60.76	Aug 26	62.88
Apr 1	65.01	Sep 30	62.19



Water-Data Report 2010

404511073402501 Local number N 11659. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°45'11", long 73°40'25" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 421 ft. Upper casing diameter 4 in; top of first opening 399 ft, bottom of last opening 419 ft.

DATUM.--Land-surface datum is 104 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.39 ft below land-surface datum.

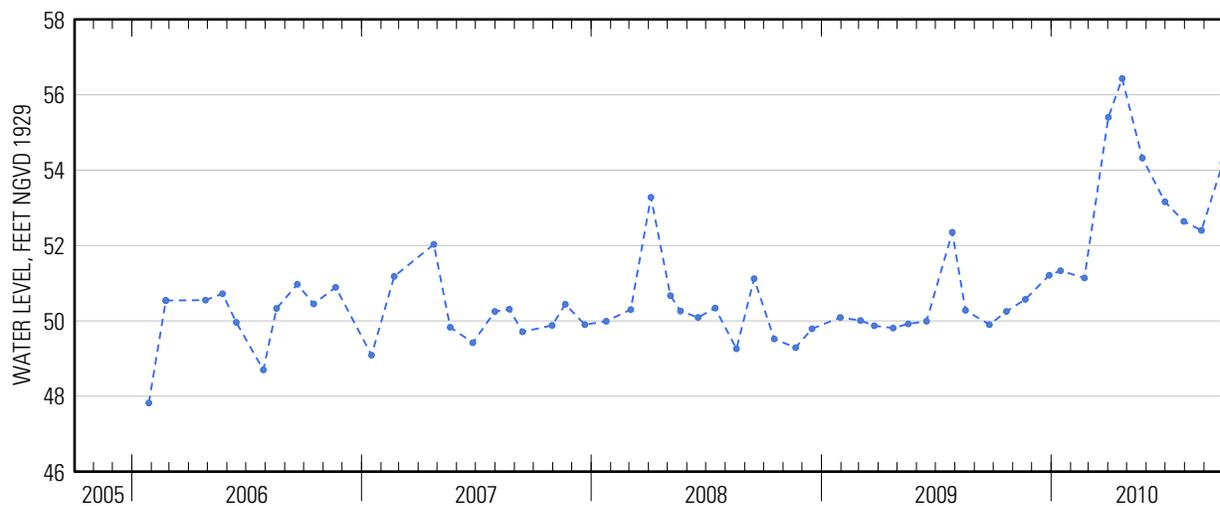
PERIOD OF RECORD.--March 1992 to March 1998 and January 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.43 ft above sea level, April 23, 2010; lowest measured, 41.96 ft above sea level, Septmeber 15, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 21	50.25	Apr 23	56.43
Nov 20	50.57	May 25	54.32
Dec 28	51.21	Jun 30	53.16
Jan 15	51.33	Jul 30	52.64
Feb 22	51.14	Aug 27	52.40
Apr 1	55.40	Sep 30	54.19



Water-Data Report 2010

404516073335801 Local number N 11850. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°45'16", long 73°33'58" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 65 ft. Upper casing diameter 2 in; top of first opening 55 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 118.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 inch casing, 0.49 ft below land-surface datum.

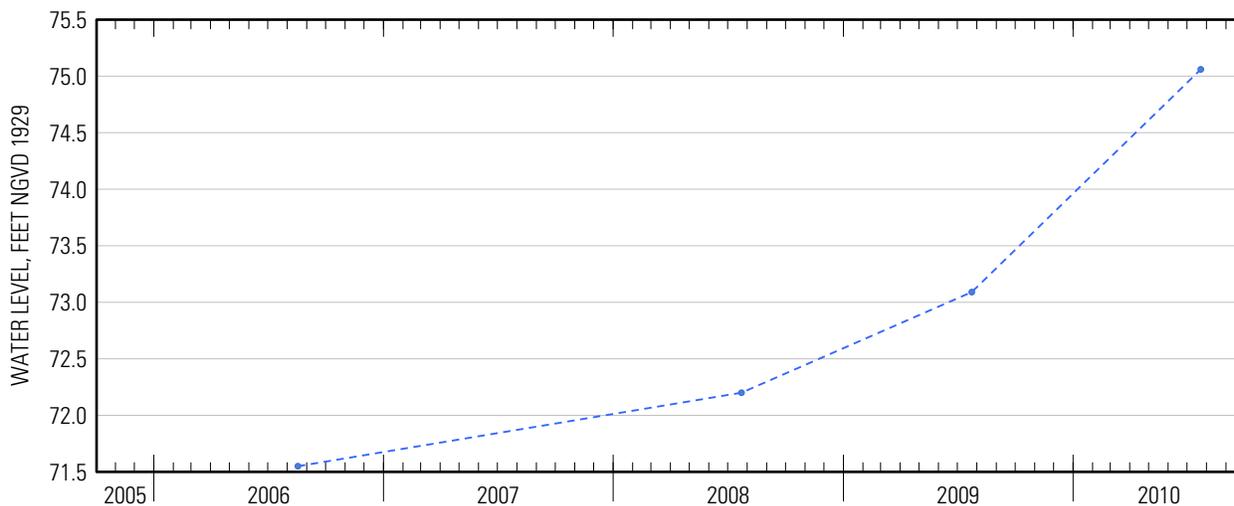
PERIOD OF RECORD.--August 1991 and August 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 75.06 ft above sea level, July 22, 2010; lowest measured, 71.55 ft above sea level, August 17, 2006.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Jul 22	75.06





Water-Data Report 2010

404532073420901 Local number N 1802. 2

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°45'12", long 73°42'10" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 703 ft. Upper casing diameter 26 in; top of first opening 641 ft, bottom of last opening 691 ft.

DATUM.--Land-surface datum is 131 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel vent pipe on side of pump base, 0.33 ft above land-surface datum.

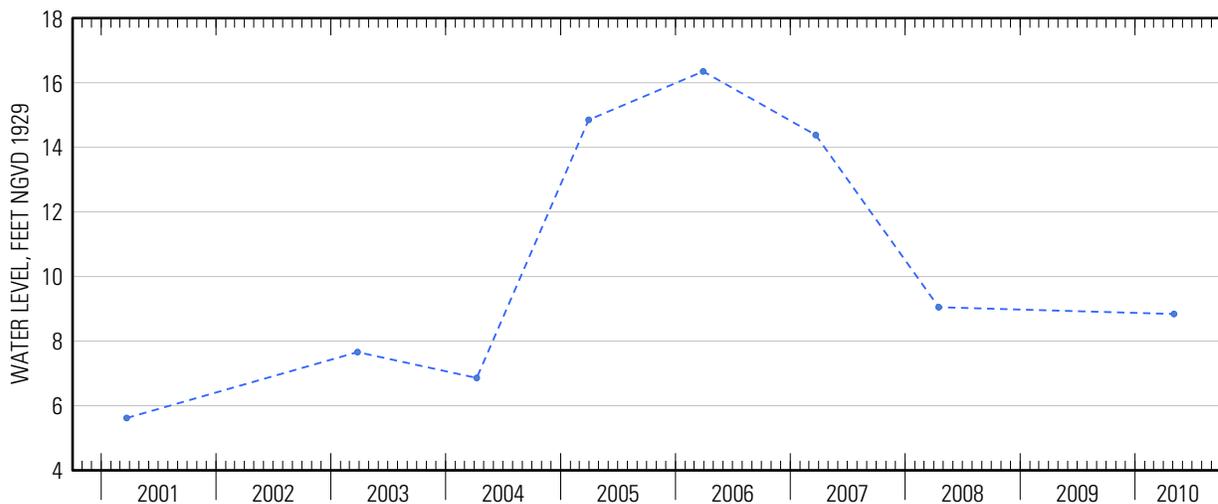
PERIOD OF RECORD.--February 1946 to February 1950, April 1952 to May 1957, March 1961 to December 1961, December 1964, October 1969 to December 1970, January 1972 to January 1985, January 1987 to December 1988, April 1990, March 1992, April 1995 to March 2001, and March 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.35 ft above sea level, March 29, 2006; lowest measured, 12.72 ft below sea level, August 8, 1955.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
May 4	8.84



Water-Data Report 2010

404535073370002 Local number N 8269.2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°45'35", long 73°37'00" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at east side of Bacon Road, 106 ft north of Hillside Avenue, south of school entrance, Old Westbury.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 86 ft. Upper casing diameter 4 in; top of first opening 81 ft, bottom of last opening 86 ft.

DATUM.--Land-surface datum is 111.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.15 ft below land-surface datum.

PERIOD OF RECORD.--June 1976 to current year. Unpublished records from June 1936 to September 1975 are available in files of the Geological Survey.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

REMARKS.--Prior to April 1967, well at site (N1258.1) 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.

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

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 72.54 ft above sea level, May 3; lowest recorded, 68.64 ft above sea level, October 23.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 22	68.67	Apr 28	72.41
Dec 1	68.69	May 26	72.43
30	68.98	Jun 30	71.93
Jan 19	69.13	Jul 30	71.42
Feb 22	69.04	Aug 25	71.21
Mar 31	71.49	Sep 27	70.52

404535073370002 Local number N 8269. 2—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	68.73	68.86	---	69.04	69.10	69.49	71.45	72.34	72.34	71.88	71.37	70.93
2	68.71	68.84	68.68	69.06	69.10	69.49	71.43	72.34	72.32	71.86	71.34	70.91
3	68.73	68.84	68.83	69.06	69.12	69.53	71.48	72.46	72.31	71.84	71.32	70.92
4	68.86	68.81	68.79	69.03	69.08	69.52	71.53	72.51	72.28	71.81	71.32	70.88
5	68.83	68.82	68.79	69.03	69.09	69.49	71.61	72.44	72.27	71.79	71.30	70.84
6	68.81	68.79	68.83	69.03	69.14	69.52	71.69	72.45	72.28	71.76	71.27	70.80
7	68.84	68.79	68.80	69.00	69.12	69.55	71.76	72.42	72.27	71.76	71.23	70.79
8	68.77	68.78	68.76	69.01	69.10	69.57	71.81	72.47	72.24	71.74	71.20	70.79
9	68.76	68.76	68.91	68.97	69.09	69.58	71.87	72.38	72.24	71.73	71.18	70.76
10	68.74	68.77	69.01	68.96	69.17	69.61	71.89	72.33	72.32	71.75	71.16	70.73
11	68.70	68.74	68.92	69.00	69.09	69.63	71.93	72.32	72.25	71.87	71.13	70.69
12	68.68	68.75	68.86	69.01	69.06	69.65	71.96	72.39	72.25	71.78	71.10	70.67
13	68.70	68.78	68.91	68.99	69.10	69.76	71.97	72.39	72.24	71.76	71.07	70.66
14	68.66	68.81	69.03	68.98	69.09	70.17	72.00	72.43	72.23	71.84	71.04	70.64
15	68.68	68.82	69.01	68.99	69.07	70.27	72.04	72.42	72.19	71.81	71.02	70.61
16	68.73	68.79	68.97	68.99	69.12	70.23	72.09	72.39	72.19	71.78	71.00	70.62
17	68.70	68.74	68.95	69.02	69.13	70.23	72.12	72.38	72.20	71.74	70.97	70.66
18	68.69	68.71	68.94	69.09	69.10	70.26	72.14	72.42	72.14	71.70	70.95	70.61
19	68.69	68.73	68.99	69.09	69.06	70.29	72.15	72.50	72.12	71.68	70.93	70.59
20	68.67	68.78	68.97	69.09	69.04	70.33	72.17	72.45	72.12	71.66	70.90	70.57
21	68.66	68.79	68.95	69.06	69.03	70.38	72.19	72.40	72.09	71.64	70.87	70.54
22	68.67	68.74	68.92	69.09	69.04	70.45	72.21	72.37	72.07	71.60	70.88	70.53
23	68.66	68.73	68.90	69.04	69.09	70.60	72.19	72.37	72.08	71.59	71.28	70.51
24	68.75	68.74	68.87	69.07	69.35	70.64	72.17	72.36	72.09	71.57	71.26	70.50
25	68.89	68.75	68.86	69.16	69.48	70.67	72.27	72.38	72.05	71.55	71.21	70.49
26	68.84	68.76	68.93	69.23	69.60	70.69	72.38	72.44	72.04	71.51	71.14	70.45
27	68.83	68.80	69.09	69.16	69.54	70.68	72.43	72.40	72.03	71.48	71.08	70.52
28	68.92	68.75	69.11	69.14	69.51	70.74	72.40	72.36	72.01	71.46	71.03	70.58
29	68.94	68.72	69.03	69.11	---	70.89	72.36	72.35	71.98	71.44	71.00	70.50
30	68.91	68.74	68.98	69.11	---	71.28	72.35	72.34	71.93	71.42	70.97	70.65
31	68.91	---	69.00	69.11	---	71.50	---	72.32	---	71.40	70.95	---
Mean	68.76	68.77	68.92	69.06	69.16	70.15	72.00	72.40	72.17	71.68	71.11	70.66
Max	68.94	68.86	69.11	69.23	69.60	71.50	72.43	72.51	72.34	71.88	71.37	70.93
Min	68.66	68.71	68.68	68.96	69.03	69.49	71.43	72.32	71.93	71.40	70.87	70.45
Med	68.73	68.77	68.93	69.04	69.10	70.23	72.06	72.39	72.19	71.74	71.10	70.65

	Calendar Year 2009	Water Year 2010
Mean	69.02	70.41
Max	69.42	72.51
Min	68.66	68.66
Med	69.01	70.59

404535073370002 Local number N 8269. 2—Continued



Water-Data Report 2010

404606073434101 Local number N 8970. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°46'07.1", long 73°43'43.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 193 ft. Upper casing diameter 2 in; top of first opening 188 ft, bottom of last opening 193 ft.

DATUM.--Land-surface datum is 154 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.42 ft above land-surface datum.

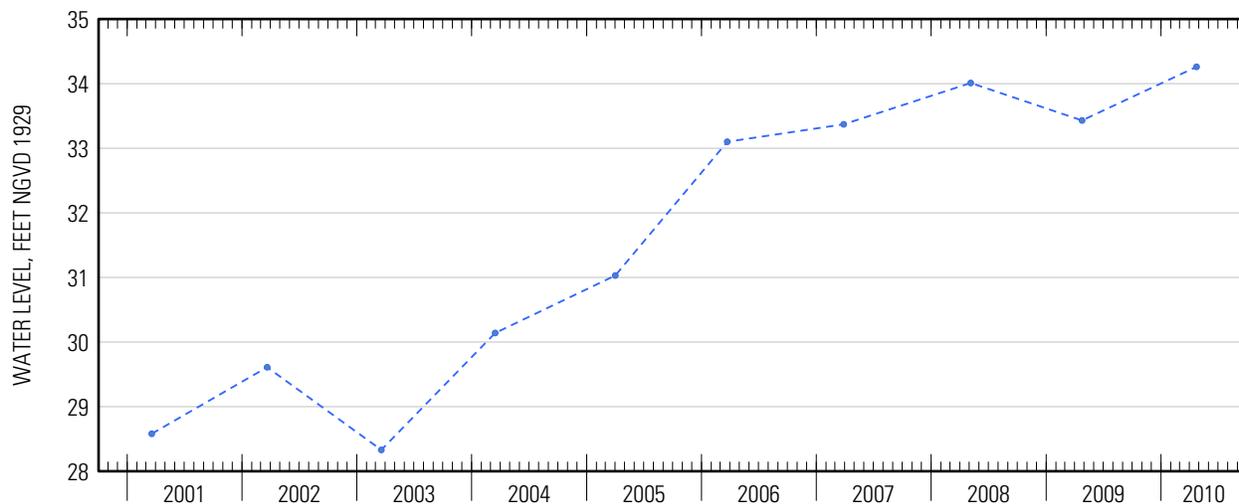
PERIOD OF RECORD.--July 1973 to April 1983 and March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.26 ft above sea level, April 23, 2010; lowest measured, 21.93 ft above sea level, December 17, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 23	34.26



Water-Data Report 2010

404607073430801 Local number N 12450. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'06.3", long 73°43'07.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at west side of Links Drive, south of Horace Harding Boulevard, Lake Success.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 685 ft. Upper casing diameter 4 in; top of first opening 660 ft, bottom of last opening 680 ft.

DATUM.--Land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.31 ft below land-surface datum.

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

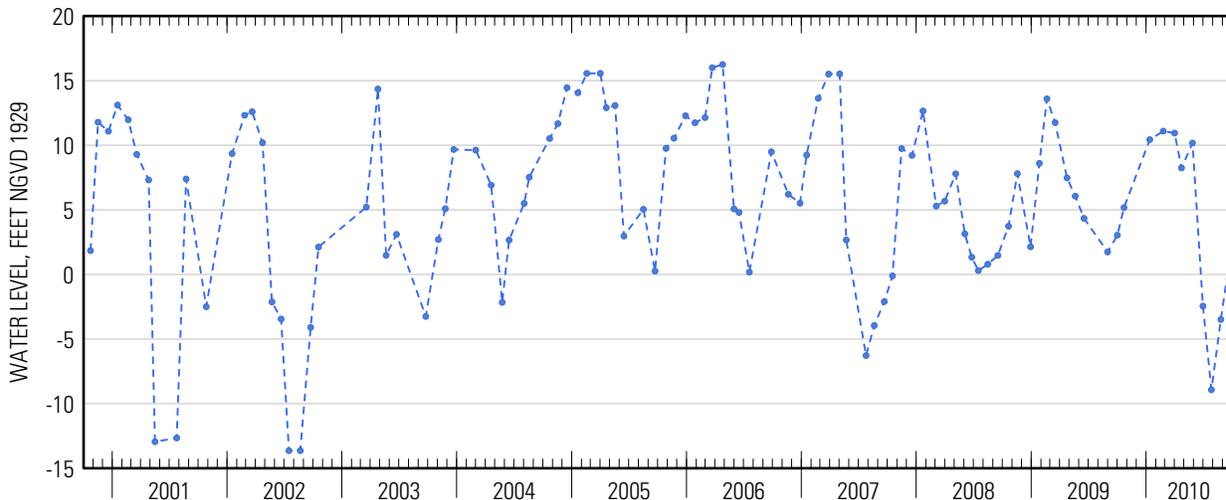
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.25 ft above sea level, April 25, 2006; lowest measured, 13.64 ft below sea level, July 16 and August 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	3.04	May 28	10.17
22	5.17	Jun 30	-2.45
Jan 12	10.43	Jul 27	-8.93
Feb 24	11.09	Aug 26	-3.49
Apr 1	10.94	Sep 30	2.39
23	8.24		





Water-Data Report 2010

404614073330504 Local number N 1195. 5

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'14", long 73°33'05" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at east side of Cantiague Rock Road, 52 ft north of Barry Drive, Hicksville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 116 ft. Upper casing diameter 4 in; top of first opening 111 ft, bottom of last opening 116 ft.

DATUM.--Land-surface datum is 148 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.20 ft above land-surface datum.

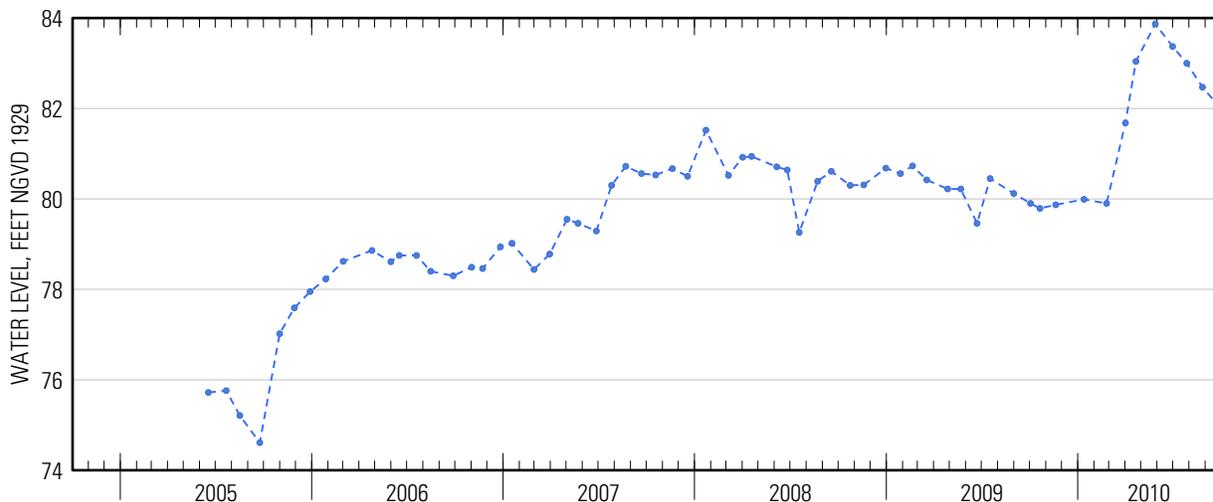
PERIOD OF RECORD.--September 1976 to August 1985, May 1987 to July 1987, March 1990 to March 1989, and June 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 89.14 ft above sea level, May 24, 1979; lowest measured, 72.12 ft above sea level, January 22, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 2	79.90	Apr 21	83.04
20	79.79	May 28	83.87
Nov 19	79.87	Jun 30	83.37
Jan 12	79.99	Jul 27	83.00
Feb 24	79.90	Aug 26	82.47
Apr 1	81.68	Sep 30	82.00



Water-Data Report 2010

404622073330701 Local number N 11457. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'21.3", long 73°33'02.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at east side of Cantiague Rock Road, 203 ft north of Laura Drive, Cantiague Park, Hicksville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 865 ft. Upper casing diameter 4 in; top of first opening 840 ft, bottom of last opening 860 ft.

DATUM.--Land-surface datum is 153 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft below land-surface datum.

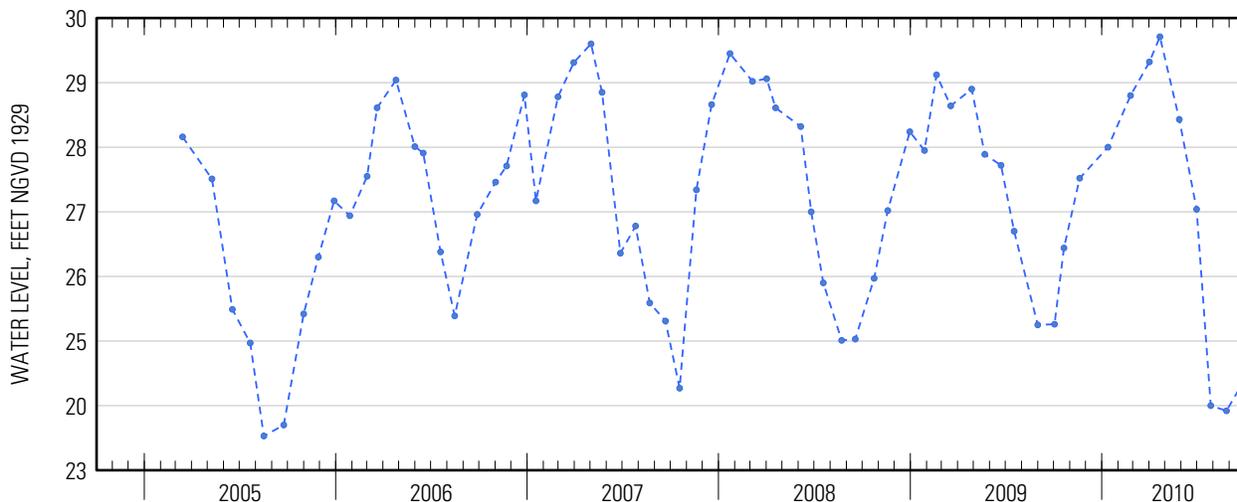
PERIOD OF RECORD.--March 1991 to March 1998 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.71 ft above sea level, April 21, 2010; lowest measured, 20.88 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 2	25.26	Apr 21	29.71
20	26.44	May 28	28.43
Nov 19	27.52	Jun 30	27.04
Jan 12	28.00	Jul 27	24.00
Feb 24	28.80	Aug 26	23.92
Apr 1	29.32	Sep 30	24.41



Water-Data Report 2010

404625073330701 Local number N 11458. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'25", long 73°33'07" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at east side of Cantiague Rock Road, 222 ft north of Laura Drive, Cantiague Park, Hicksville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 625 ft. Upper casing diameter 4 in; top of first opening 600 ft, bottom of last opening 620 ft.

DATUM.--Land-surface datum is 153.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

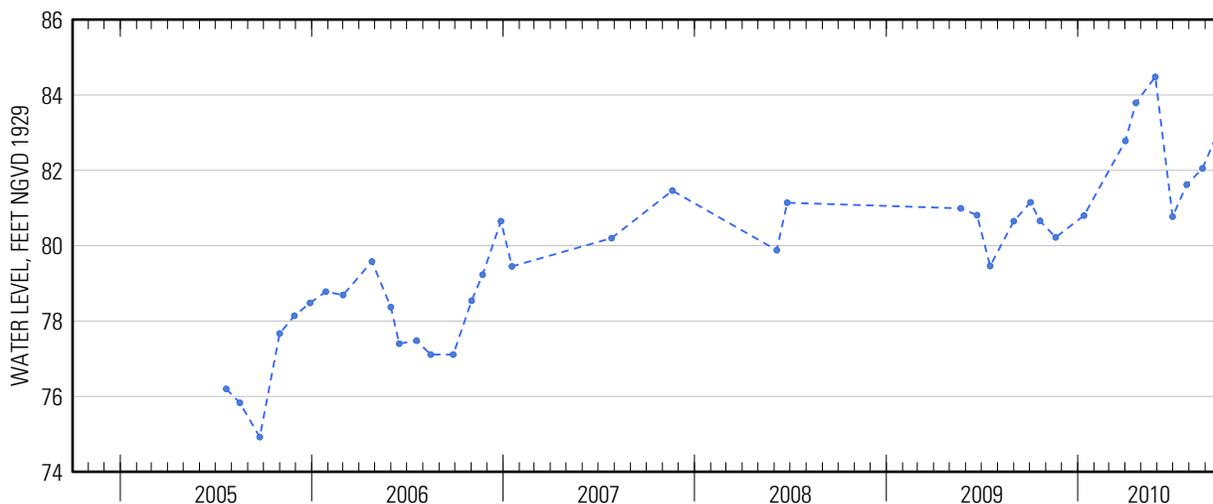
PERIOD OF RECORD.--February 1994 to March 1998 and July 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 84.48 ft above sea level, May 28, 2010; lowest measured, 73.32 ft above sea level, January 23, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 2	81.15	May 28	84.48
20	80.66	Jun 30	80.77
Nov 19	80.22	Jul 27	81.62
Jan 12	80.80	Aug 26	82.05
Apr 1	82.78	Sep 30	83.19
21	83.79		





Water-Data Report 2010

404630073293801 Local number N 6580. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'30", long 73°29'38" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 601 ft. Upper casing diameter 20 in; top of first opening 523 ft, bottom of last opening 596 ft.

DATUM.--Land-surface datum is 158 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of vent hole in east side of pump base, 2.03 ft above land-surface datum.

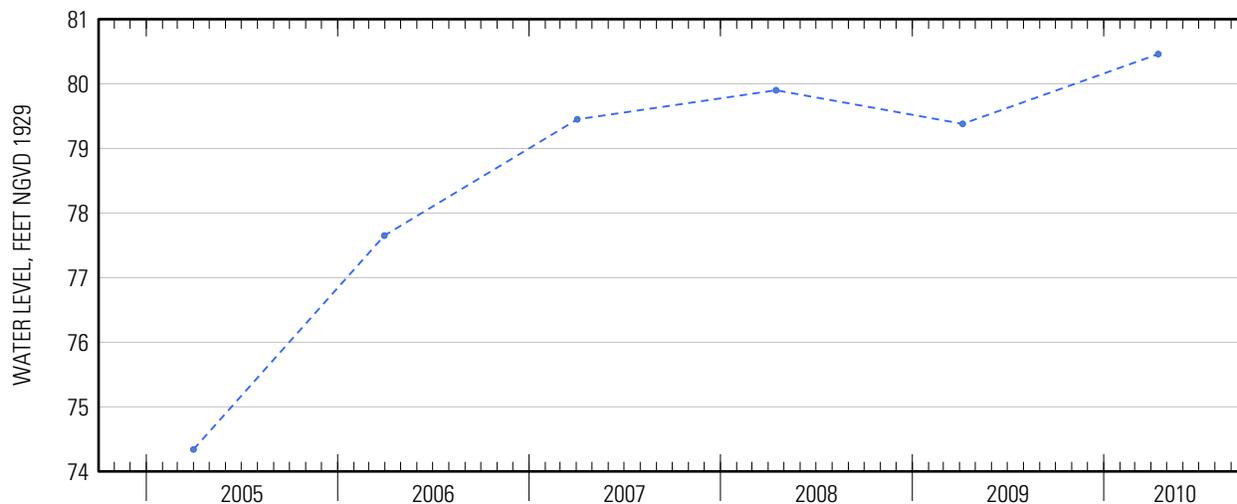
PERIOD OF RECORD.--August 1958, December 1964, November 1969 to March 1970, March 1972 to March 1983, April 1986, May 1988, April 1990, May 1994 to April 1997, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 86.85 ft above sea level, March 19, 1979; lowest measured, 71.59 ft above sea level, April 12, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 14	80.46



404636073270902 Local number N 11455. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°46'36.2", long 73°27'08.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 986 ft. Upper casing diameter 4 in; top of first opening 961 ft, bottom of last opening 981 ft.

DATUM.--Land-surface datum is 194.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft below land-surface datum.

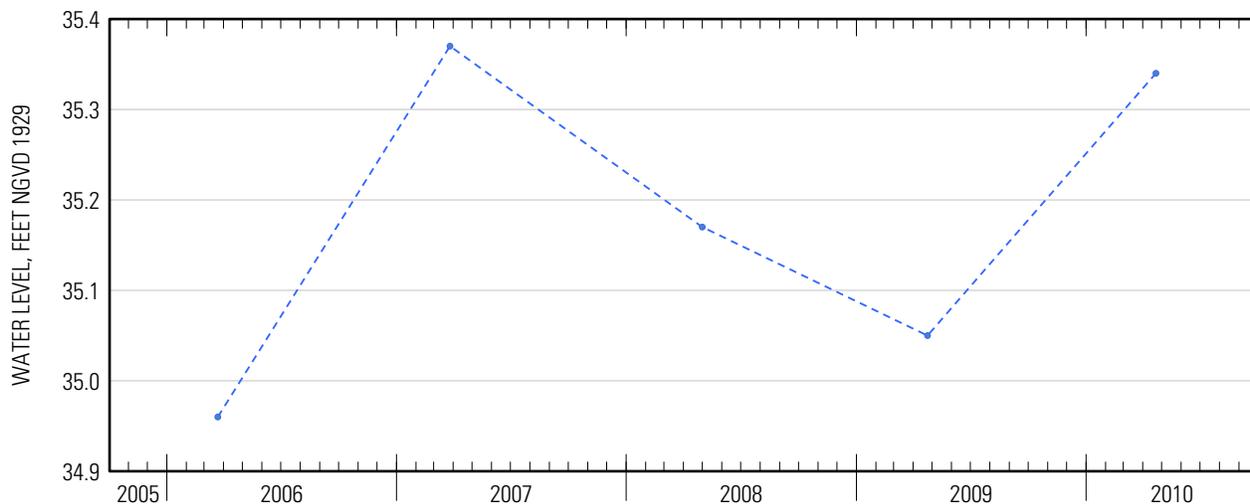
PERIOD OF RECORD.--April 1990, April 1993 to March 1998, and March 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.37 ft above sea level, March 26, 2007; lowest measured, 30.26 ft above sea level, May 15, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	35.34



Water-Data Report 2010

404705073394902 Local number N 7554. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'06.0", long 73°39'48.0" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Christopher Morley Park, 55 ft east of Searingtown Road, just north of main entrance to park, North Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 464 ft. Upper casing diameter 6 in; top of first opening 454 ft, bottom of last opening 464 ft.

DATUM.--Land-surface datum is 190 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 5.57 ft above land-surface datum.

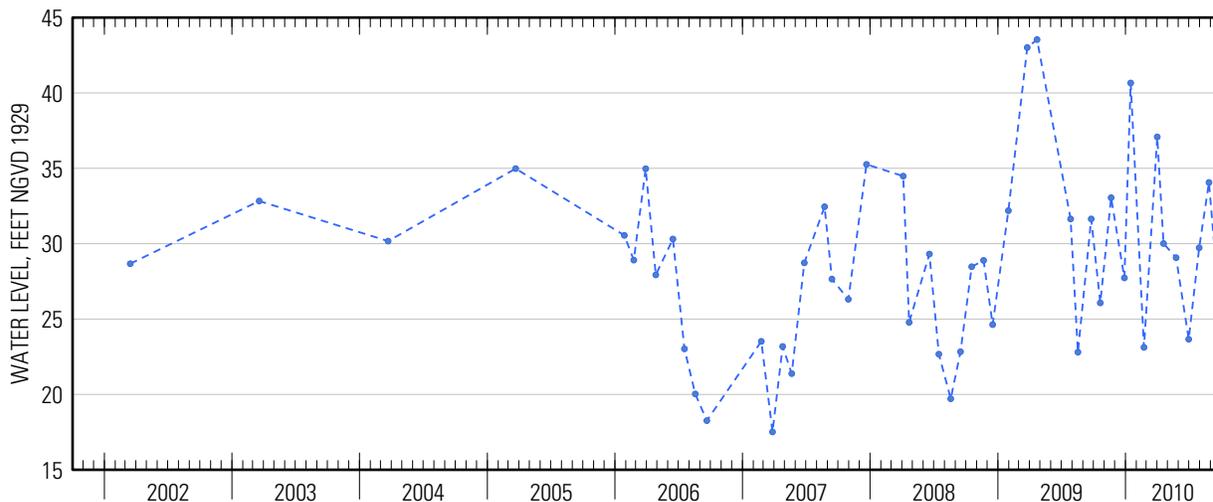
PERIOD OF RECORD.--March 1964 to January 2000 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.62 ft above sea level, April 28, 1965; lowest measured, 17.51 ft above sea level, March 27, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	26.07	Apr 19	30.01
Nov 20	33.05	May 25	29.07
Dec 28	27.73	Jun 30	23.66
Jan 15	40.66	Jul 30	29.73
Feb 22	23.12	Aug 27	34.06
Apr 1	37.08	Sep 30	24.69



Water-Data Report 2010

404707073385003 Local number N 9711. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°47'08.3", long 73°38'48.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at east side of Jefferson Avenue, 340 ft north of Powerhouse Road, Roslyn Heights.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 146 ft. Upper casing diameter 4 in; top of first opening 137 ft, bottom of last opening 141 ft.

DATUM.--Land-surface datum is 145 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, at land-surface datum.

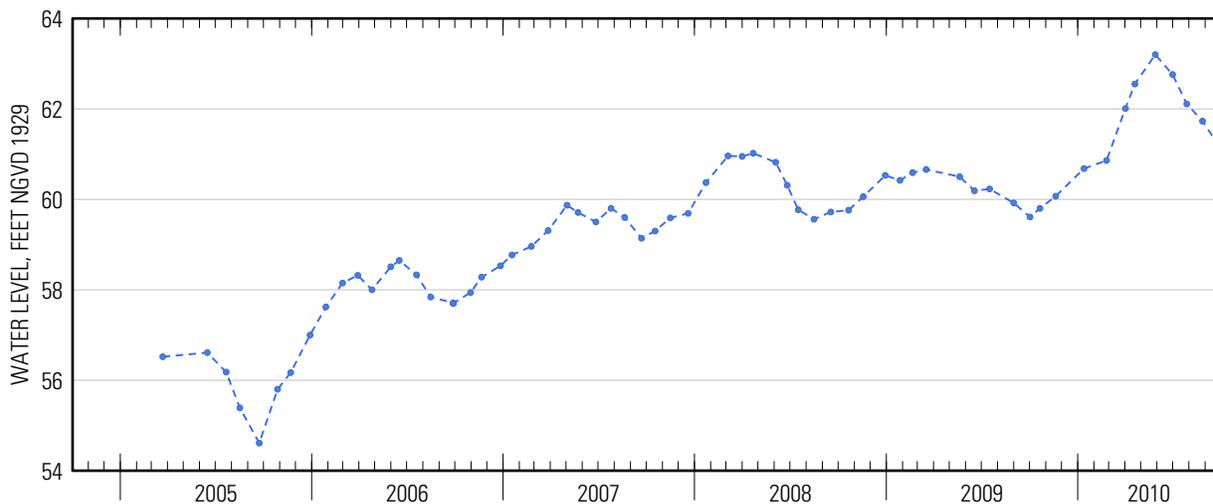
PERIOD OF RECORD.--December 1979 to April 1984, March 1990 to March 1998, and March 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.20 ft above sea level, May 28, 2010; lowest measured, 53.62 ft above sea level, September 15, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 1	59.61	Apr 19	62.55
20	59.80	May 28	63.20
Nov 19	60.07	Jun 30	62.76
Jan 12	60.68	Jul 27	62.11
Feb 24	60.86	Aug 26	61.73
Apr 1	62.01	Sep 30	61.12



Water-Data Report 2010

404708073433301 Local number N 12154. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'07.5", long 73°43'31.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 520 ft. Upper casing diameter 4 in; top of first opening 495 ft, bottom of last opening 515 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.90 ft below land-surface datum.

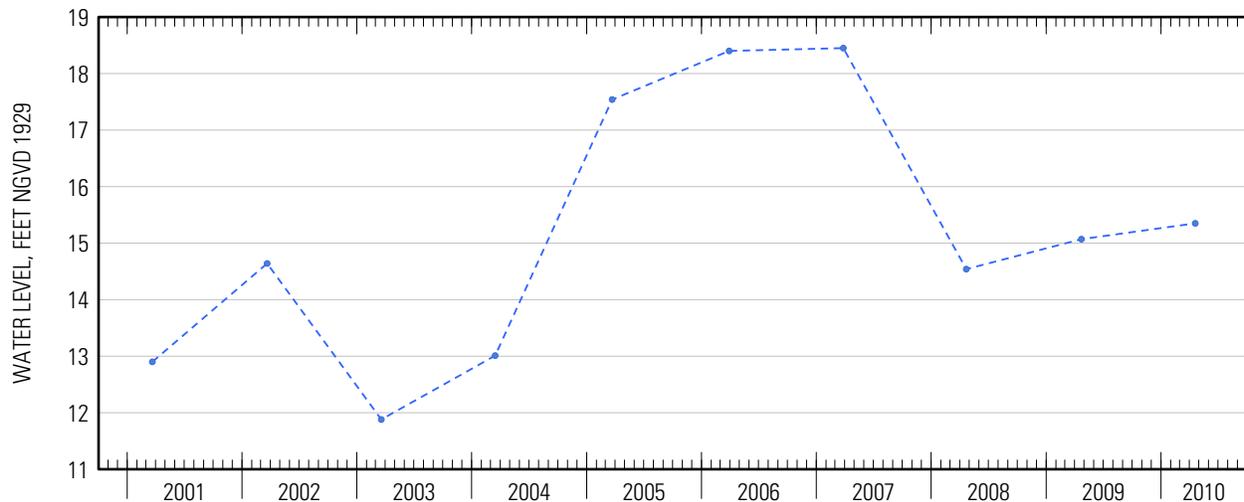
PERIOD OF RECORD.--March 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.45 ft above sea level, March 27, 2007; lowest measured, 2.04 ft below sea level, August 24, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	15.35





Water-Data Report 2010

404708073450301 Local number N 11730. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'07.9", long 73°45'00.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 344 ft. Upper casing diameter 4 in; top of first opening 300 ft, bottom of last opening 310 ft.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.03 ft below land-surface datum.

PERIOD OF RECORD.--May 1992 to September 1996 and April 2010.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.25 ft above sea level, April 26, 2010; lowest measured, 19.48 ft below sea level, June 18, 1993.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 26	13.25



Water-Data Report 2010

404713073445401 Local number N 9892. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°47'12.0", long 73°44'52.3" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 4 in; top of first opening 35 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 32 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.

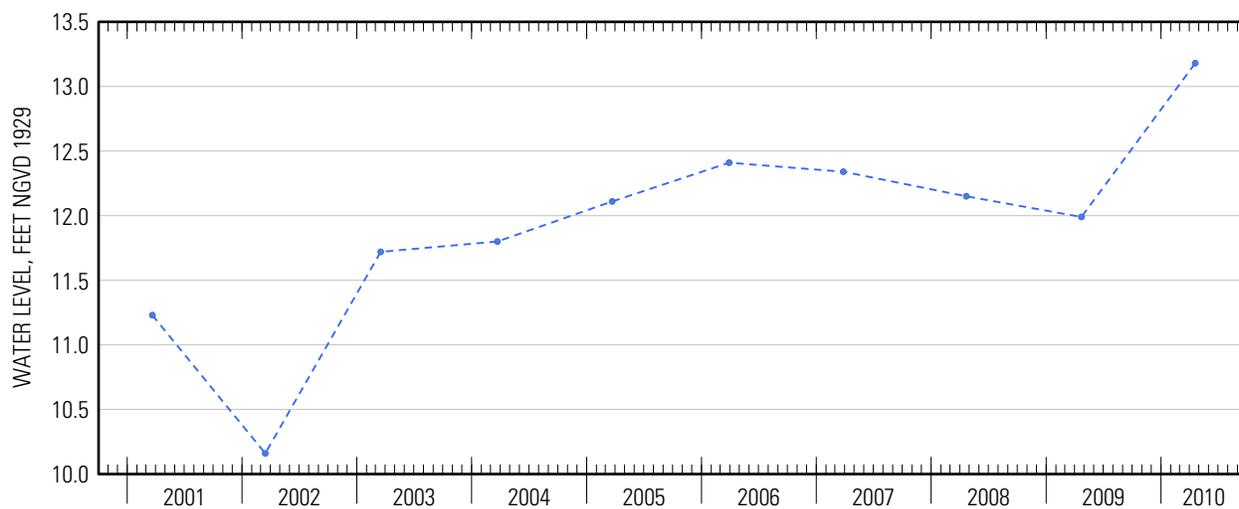
PERIOD OF RECORD.--March 1983, November 1991 to March 1999, and March 2001 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.18 ft above sea level, April 19, 2010; lowest measured, 9.27 ft above sea level, September 30, 1993.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	13.18



Water-Data Report 2010

404715073395501 Local number N 12523. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'03.8", long 73°39'47.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 788 ft. Upper casing diameter 4 in; top of first opening 748 ft, bottom of last opening 768 ft.

DATUM.--Land-surface datum is 188 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.46 ft below land-surface datum.

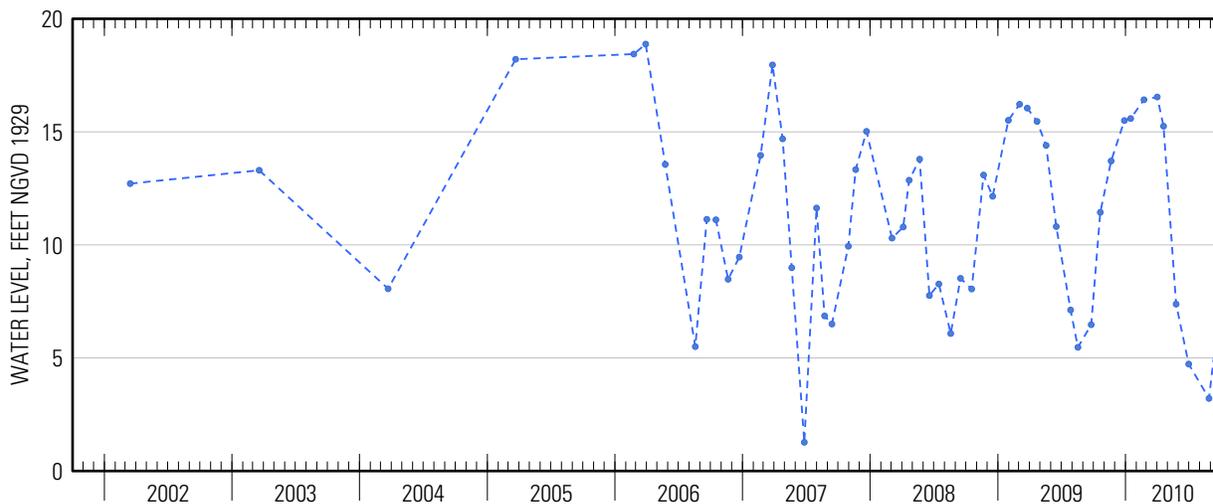
PERIOD OF RECORD.--June 1995 to March 1998 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.88 ft above sea level, March 29, 2006; lowest measured, 1.27 ft above sea level, June 26, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	11.44	Apr 19	15.25
Nov 20	13.71	May 25	7.38
Dec 28	15.50	Jun 30	4.73
Jan 15	15.59	Aug 27	3.21
Feb 22	16.42	Sep 30	7.66
Apr 1	16.54		



Water-Data Report 2010

404726073415501 Local number N 9897. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°47'23.4", long 73°41'54.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 4 in; top of first opening 80 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.26 ft above land-surface datum.

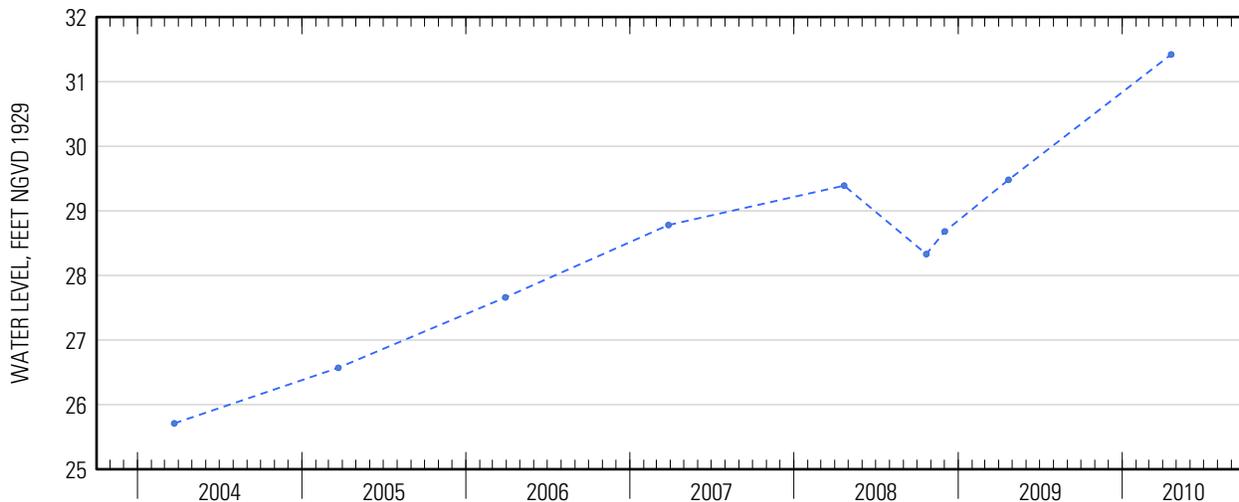
PERIOD OF RECORD.--November 1991 to March 1997 and March 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.42 ft above sea level, April 19, 2010; lowest measured, 24.99 ft above sea level, December 5, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	31.42



404735073424101 Local number N 9308. 2

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'35", long 73°42'40" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 410 ft. Upper casing diameter 20 in; top of first opening 307 ft, bottom of last opening 410 ft.

DATUM.--Land-surface datum is 15.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1 ¼ in steel nipple, 1.51 ft above land-surface datum.

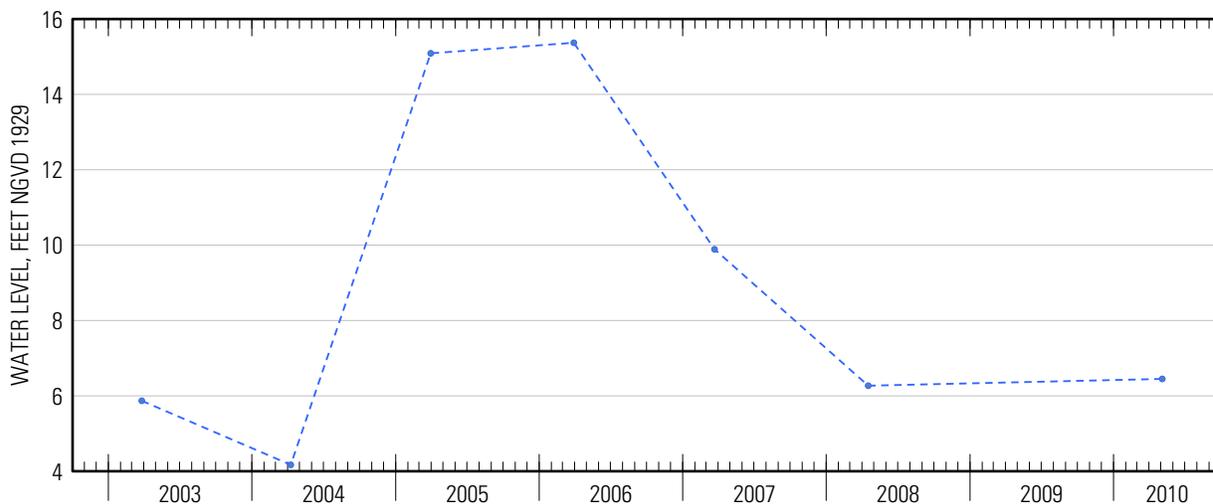
PERIOD OF RECORD.--November 1981 to December 1988, April 1990 to April 1995, and March 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.37 ft above sea level, March 29, 2006; lowest measured, 0.46 ft below sea level, April 11, 1991.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
May 4	6.45





Water-Data Report 2010

404740073285701 Local number N 9089. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'19.2", long 73°28'56.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at west side of Cherry Drive, 63 ft south of Northern State Parkway, Plainview.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 178 ft. Upper casing diameter 4 in; top of first opening 173 ft, bottom of last opening 178 ft.

DATUM.--Land-surface datum is 173 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

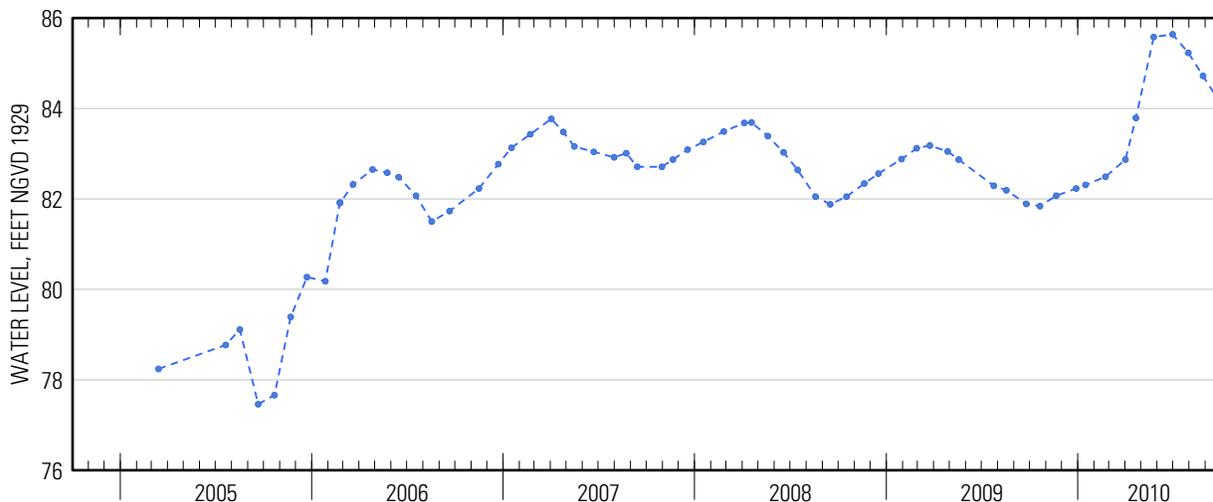
PERIOD OF RECORD.--December 1975 to May 1984, March 1990 to March 1989, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 91.90 ft above sea level, May 31, 1979; lowest measured, 73.28 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	81.84	Apr 21	83.79
Nov 20	82.07	May 25	85.58
Dec 28	82.23	Jun 30	85.64
Jan 15	82.31	Jul 30	85.23
Feb 22	82.49	Aug 27	84.72
Apr 1	82.87	Sep 30	84.10



Water-Data Report 2010

404741073381401 Local number N 11574. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'41.8", long 73°38'12.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Nassau County Recharge Basin #431, 88 ft north of Red Ground Road, and 180 ft east of Entrance Road, northwestern most well, East Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 785 ft. Upper casing diameter 4 in; top of first opening 760 ft, bottom of last opening 780 ft.

DATUM.--Land-surface datum is 223 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

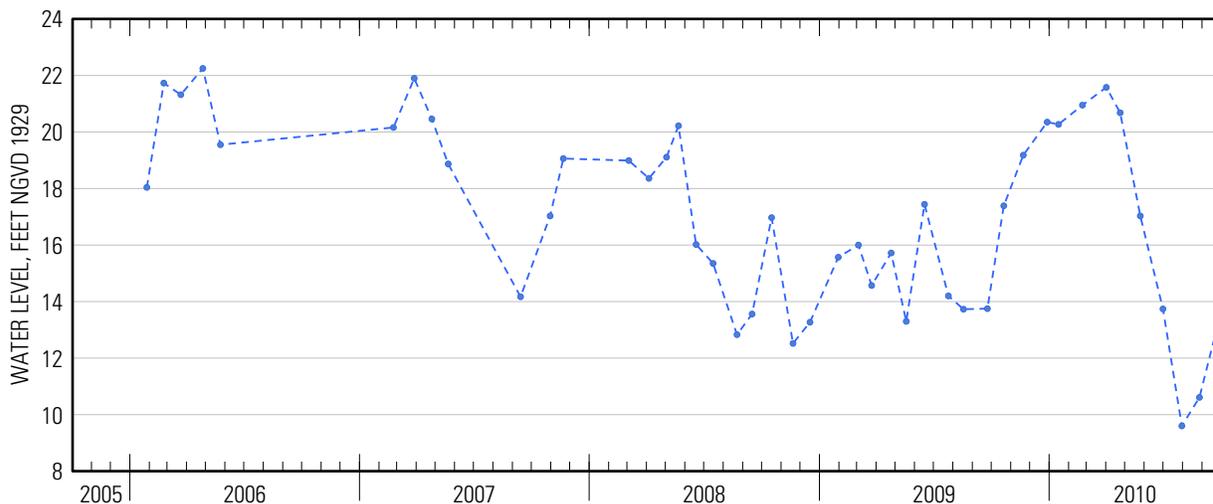
PERIOD OF RECORD.--April 1992 to September 1997, March 2004, and January 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.55 ft above sea level, November 6, 1992; lowest measured, 4.09 ft above sea level, June 13, 1994.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	17.39	Apr 23	20.68
Nov 20	19.18	May 25	17.03
Dec 28	20.35	Jun 30	13.74
Jan 15	20.27	Jul 30	9.60
Feb 22	20.95	Aug 27	10.61
Apr 1	21.58	Sep 30	13.61



Water-Data Report 2010

404741073381402 Local number N 11732. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'41.8", long 73°38'12.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Nassau County Recharge Basin #431, 89 ft north of Red Ground Road, and 206 ft east of Entrance Road, northeastern most well, East Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 448 ft. Upper casing diameter 4 in; top of first opening 423 ft, bottom of last opening 443 ft.

DATUM.--Land-surface datum is 224 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.64 ft below land-surface datum.

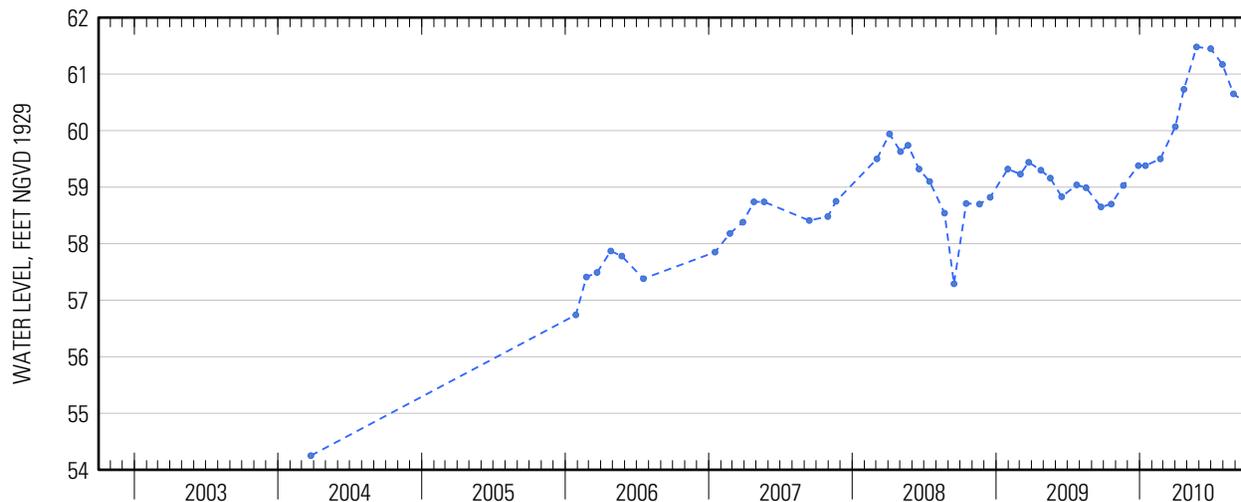
PERIOD OF RECORD.--September 1991 to September 1997 and April 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.48 ft above sea level, May 25, 2010; lowest measured, 52.72 ft above sea level, September 11, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	58.70	Apr 23	60.73
Nov 20	59.03	May 25	61.48
Dec 28	59.38	Jun 30	61.45
Jan 15	59.38	Jul 30	61.17
Feb 22	59.50	Aug 27	60.65
Apr 1	60.07	Sep 30	60.48



Water-Data Report 2010

404742073410301 Local number N 8309. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'41.4", long 73°41'02.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at east side of Manhasset Woods Road, 73 ft north of Northern Boulevard, Munsey Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 199 ft. Upper casing diameter 4 in; top of first opening 194 ft, bottom of last opening 199 ft.

DATUM.--Land-surface datum is 143.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.15 ft below land-surface datum.

PERIOD OF RECORD.--March 1967 to December 1998 and February 2002 to current year. Unpublished records for March 1940 to March 1967 are available in the files of the U.S. Geological Survey.

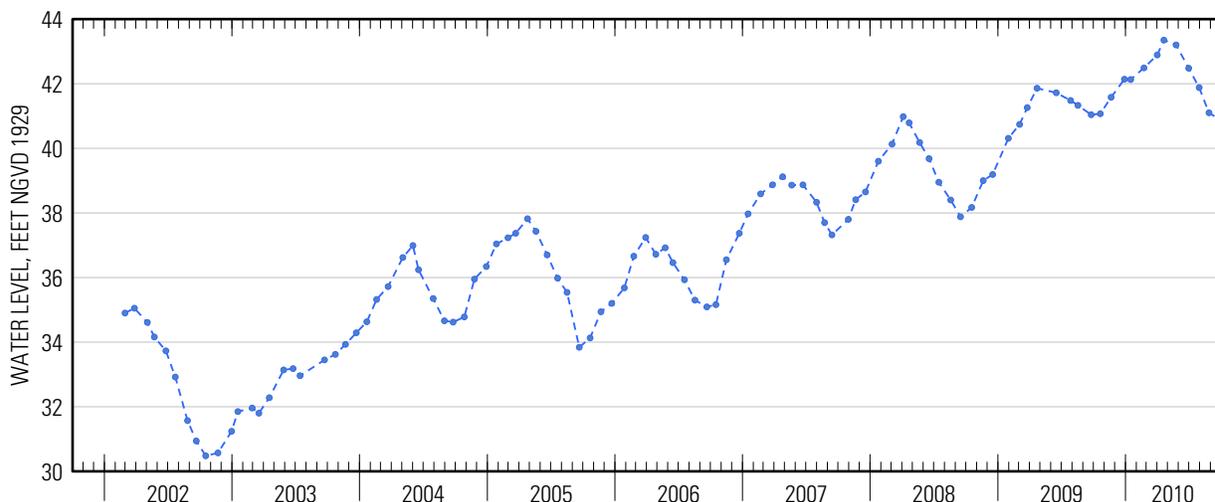
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.35 ft above sea level, April 20, 2010; lowest measured, 30.48 ft above sea level, October 17, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	41.07	Apr 20	43.35
Nov 20	41.58	May 25	43.20
Dec 28	42.14	Jun 30	42.48
Jan 15	42.13	Jul 30	41.88
Feb 22	42.49	Aug 27	41.10
Apr 1	42.89	Sep 30	40.87





Water-Data Report 2010

404746073432501 Local number N 12082. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°47'46.2", long 73°43'23.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 495 ft. Upper casing diameter 4 in; top of first opening 450 ft, bottom of last opening 490 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.69 ft below land-surface datum.

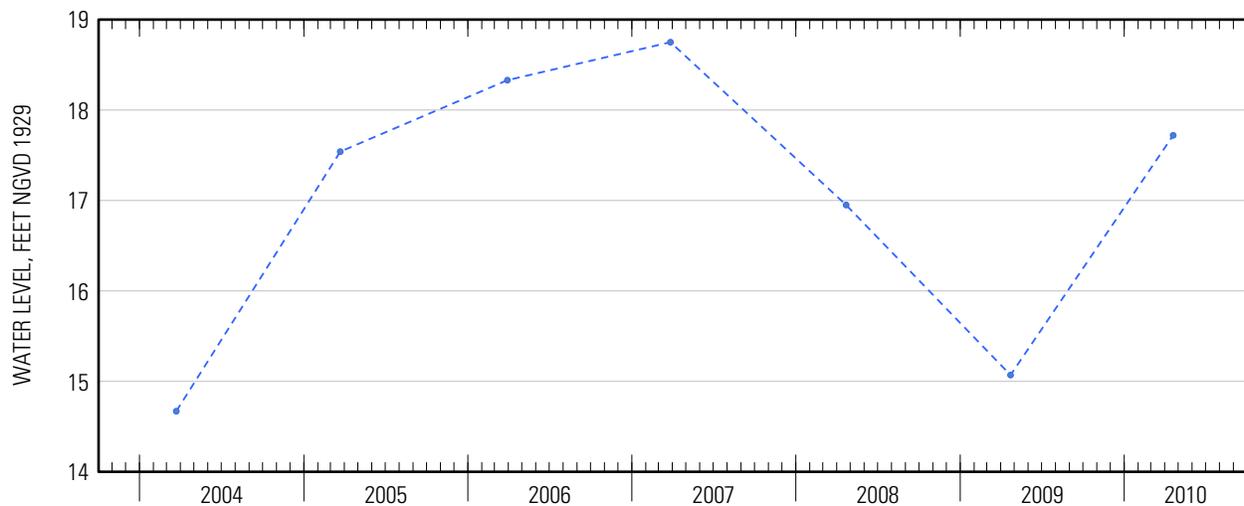
PERIOD OF RECORD.--May 1992 to March 1997 and March 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.75 ft above sea level, March 27, 2007; lowest measured, 1.06 ft above sea level, September 20, 1994.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	17.72



Water-Data Report 2010

404757073440401 Local number N 9099. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°47'57", long 73°44'04" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201, at northwest corner of Middle Neck Road and Preston Road, Great Neck.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 4 in; top of first opening 66 ft, bottom of last opening 71 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.37 ft below land-surface datum.

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

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 30.04 ft above sea level, June 24, 27, and 28, 2010; lowest recorded, 14.90 ft above sea level, November 26, 1982.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 30.04 ft above sea level, June 24, 27, and 28; lowest recorded, 27.09 ft above sea level, February 4.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 21	27.45	Apr 28	29.09
Dec 1	27.26	May 26	29.84
30	27.14	Jun 30	29.96
Jan 15	27.17	Jul 30	29.66
Feb 22	27.12	Aug 27	29.22
Mar 31	27.79	Sep 29	28.54

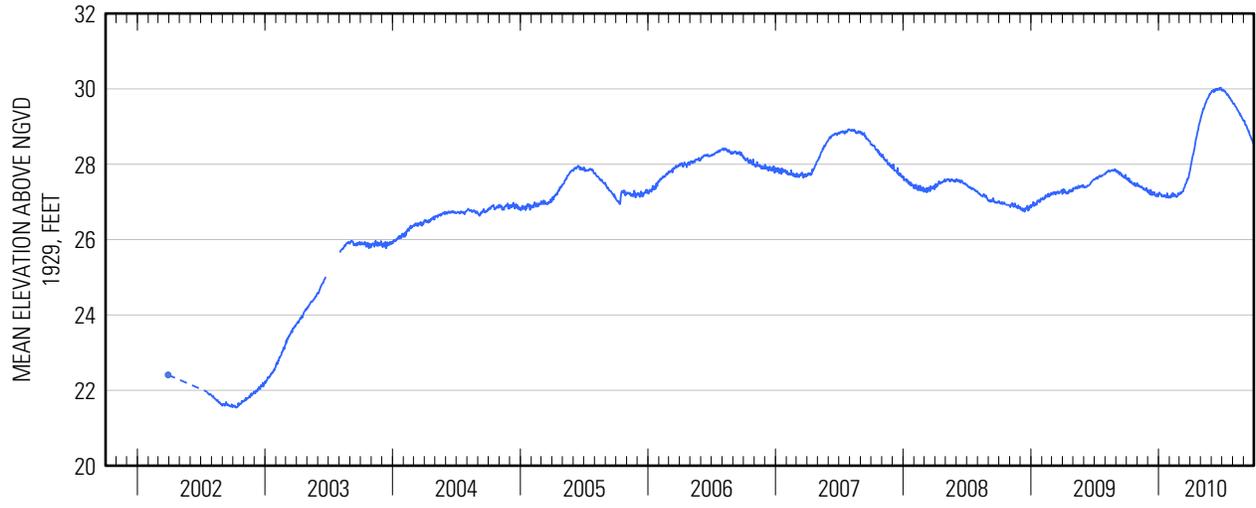
404757073440401 Local number N 9099. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	27.60	27.44	27.25	27.22	27.13	27.20	27.87	29.22	29.93	29.95	29.62	29.15
2	27.60	27.44	27.27	27.23	27.13	27.21	27.92	29.25	29.93	29.95	29.60	29.14
3	27.62	27.45	27.31	27.25	27.15	27.25	27.98	29.30	29.95	29.96	29.60	29.16
4	27.60	27.41	27.23	27.22	27.11	27.24	28.02	29.32	29.94	29.98	29.61	29.11
5	27.58	27.44	27.25	27.21	27.14	27.22	28.07	29.35	29.96	29.97	29.61	29.06
6	27.59	27.42	27.21	27.21	27.19	27.22	28.13	29.40	29.97	29.96	29.58	29.04
7	27.63	27.42	27.22	27.19	27.16	27.25	28.18	29.42	29.92	29.94	29.55	29.04
8	27.55	27.41	27.20	27.20	27.15	27.27	28.22	29.47	29.91	29.93	29.54	29.04
9	27.60	27.40	27.32	27.15	27.16	27.27	28.25	29.46	29.94	29.94	29.53	29.01
10	27.56	27.40	27.25	27.14	27.24	27.27	28.27	29.48	29.98	29.94	29.52	28.99
11	27.52	27.38	27.19	27.16	27.17	27.28	28.33	29.50	29.94	29.92	29.51	28.95
12	27.52	27.40	27.18	27.17	27.15	27.28	28.37	29.54	29.98	29.89	29.48	28.93
13	27.55	27.41	27.25	27.15	27.19	27.35	28.41	29.57	30.00	29.88	29.46	28.92
14	27.51	27.40	27.24	27.14	27.18	27.36	28.47	29.61	30.00	29.87	29.44	28.89
15	27.53	27.38	27.25	27.16	27.16	27.38	28.53	29.62	29.97	29.84	29.43	28.86
16	27.51	27.37	27.19	27.15	27.20	27.39	28.60	29.64	29.99	29.86	29.42	28.87
17	27.49	27.34	27.19	27.18	27.18	27.43	28.65	29.66	30.00	29.85	29.40	28.82
18	27.49	27.33	27.20	27.18	27.17	27.47	28.69	29.70	29.97	29.83	29.38	28.78
19	27.47	27.35	27.26	27.16	27.14	27.48	28.72	29.72	29.99	29.83	29.37	28.77
20	27.47	27.36	27.24	27.15	27.13	27.49	28.77	29.73	30.01	29.80	29.35	28.75
21	27.46	27.33	27.20	27.13	27.13	27.51	28.82	29.74	29.99	29.80	29.32	28.72
22	27.48	27.31	27.17	27.16	27.13	27.55	28.87	29.76	29.98	29.76	29.33	28.71
23	27.45	27.31	27.16	27.12	27.15	27.59	28.89	29.78	30.01	29.76	29.29	28.67
24	27.50	27.32	27.15	27.15	27.16	27.58	28.93	29.79	30.02	29.76	29.28	28.67
25	27.43	27.32	27.15	27.23	27.23	27.62	29.00	29.82	29.98	29.74	29.28	28.65
26	27.42	27.33	27.18	27.17	27.22	27.63	29.05	29.86	30.01	29.71	29.25	28.61
27	27.46	27.37	27.20	27.13	27.19	27.63	29.07	29.85	30.03	29.69	29.23	28.60
28	27.47	27.30	27.22	27.14	27.20	27.69	29.11	29.86	30.03	29.69	29.21	28.59
29	27.42	27.29	27.16	27.11	---	27.74	29.14	29.89	30.00	29.69	29.20	28.54
30	27.44	27.30	27.14	27.14	---	27.79	29.18	29.89	29.96	29.66	29.17	28.56
31	27.50	---	27.19	27.15	---	27.81	---	29.90	---	29.64	29.16	---
Mean	27.52	27.37	27.21	27.17	27.17	27.43	28.55	29.62	29.98	29.84	29.41	28.85
Max	27.63	27.45	27.32	27.25	27.24	27.81	29.18	29.90	30.03	29.98	29.62	29.16
Min	27.42	27.29	27.14	27.11	27.11	27.20	27.87	29.22	29.91	29.64	29.16	28.54
Med	27.51	27.37	27.20	27.16	27.16	27.39	28.57	29.64	29.98	29.85	29.42	28.86

	Calendar Year 2009	Water Year 2010
Mean	27.40	28.35
Max	27.87	30.03
Min	26.85	27.11
Med	27.39	27.87

404757073440401 Local number N 9099. 1—Continued



Water-Data Report 2010

404800073371201 Local number N 1155. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'00", long 73°37'12" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201, at south side of Tally Road, 1700 ft east of Glen Cove Road, Wheatley.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 230 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 261 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.77 ft below land-surface datum.

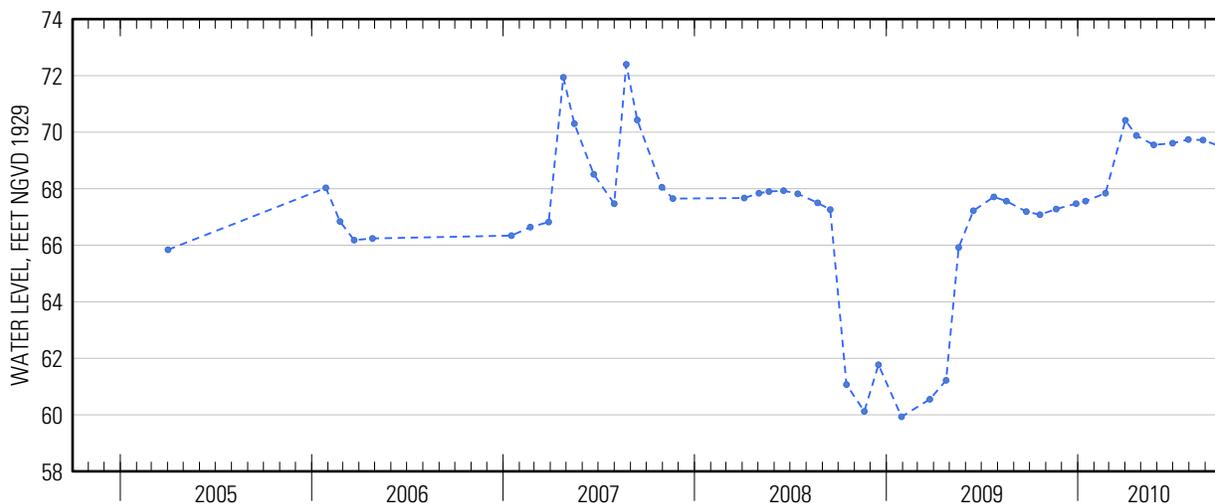
PERIOD OF RECORD.--March 1941 to May 1984, March 1990 to March 1998, and April 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.58 ft above sea level, November 3, 1949; lowest measured, 59.60 ft above sea level, September 25, 1968.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	67.08	Apr 22	69.88
Nov 20	67.28	May 25	69.55
Dec 28	67.47	Jun 30	69.61
Jan 15	67.56	Jul 30	69.74
Feb 22	67.84	Aug 27	69.72
Apr 1	70.42	Sep 30	69.49



Water-Data Report 2010

404805073401001 Local number N 9906. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°48'03.0", long 73°40'06.9" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 125 ft. Upper casing diameter 6 in; top of first opening 95 ft, bottom of last opening 125 ft.

DATUM.--Land-surface datum is 168 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.42 ft below land-surface datum.

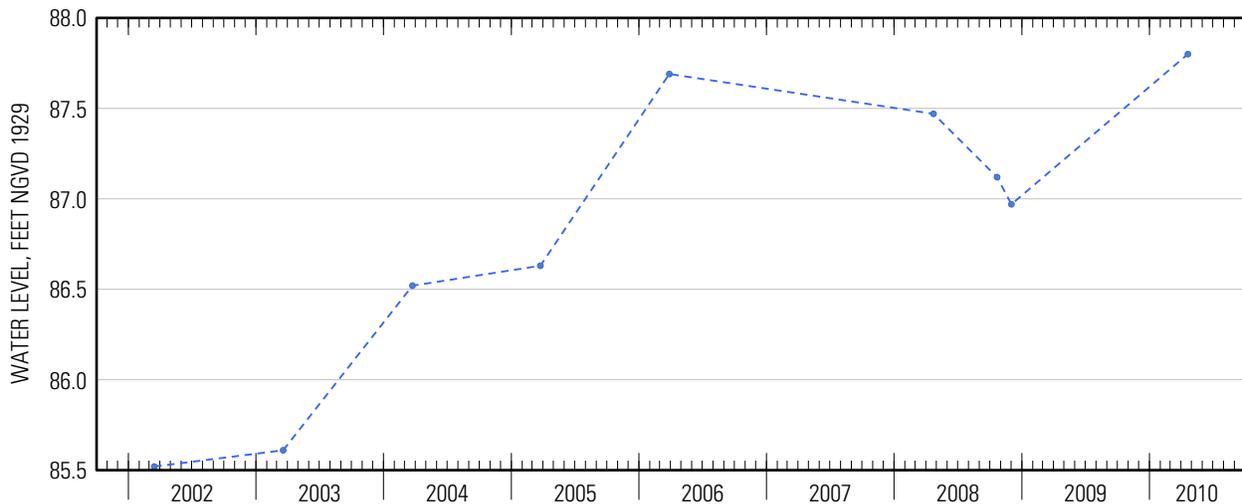
PERIOD OF RECORD.--November 1991 to March 1997 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87.80 ft above sea level, April 20, 2010; lowest measured, 84.68 ft above sea level, December 5, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	87.80





Water-Data Report 2010

404806073411101 Local number N 12191. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'06", long 73°41'11" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 677 ft. Upper casing diameter 4 in; top of first opening 654 ft, bottom of last opening 674 ft.

DATUM.--Land-surface datum is 204.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.55 ft below land-surface datum.

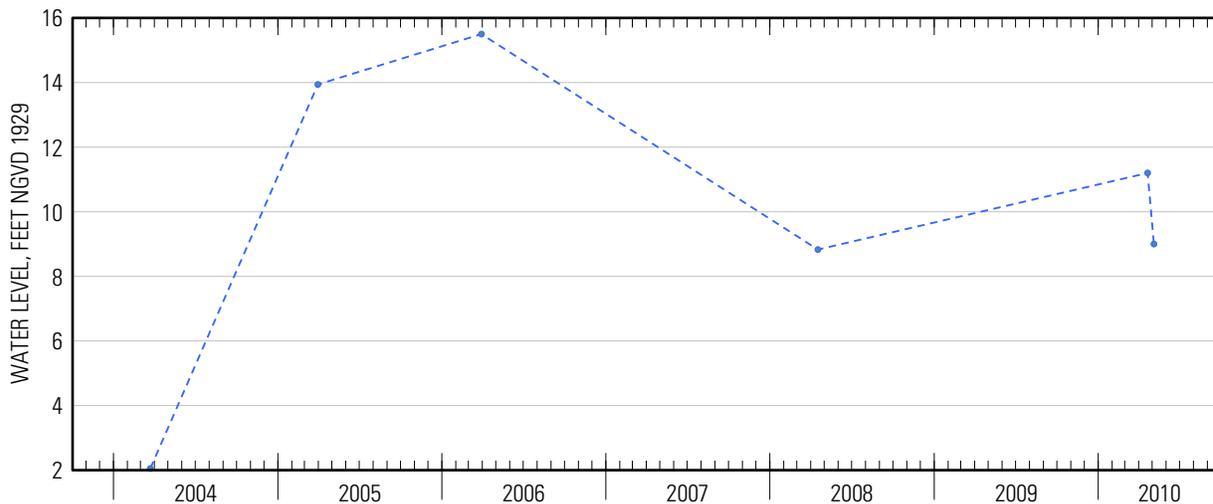
PERIOD OF RECORD.--June 1993 to March 1997 and March 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.50 ft above sea level, March 29, 2006; lowest measured, 11.41 ft below sea level, September 11, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Apr 20	11.20	May 4	9.00



Water-Data Report 2010

404817073413501 Local number N 9902. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°48'15.9", long 73°41'32.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 6 in; top of first opening 80 ft, bottom of last opening 100 ft.

DATUM.--Land-surface datum is 133 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.36 ft above land-surface datum.

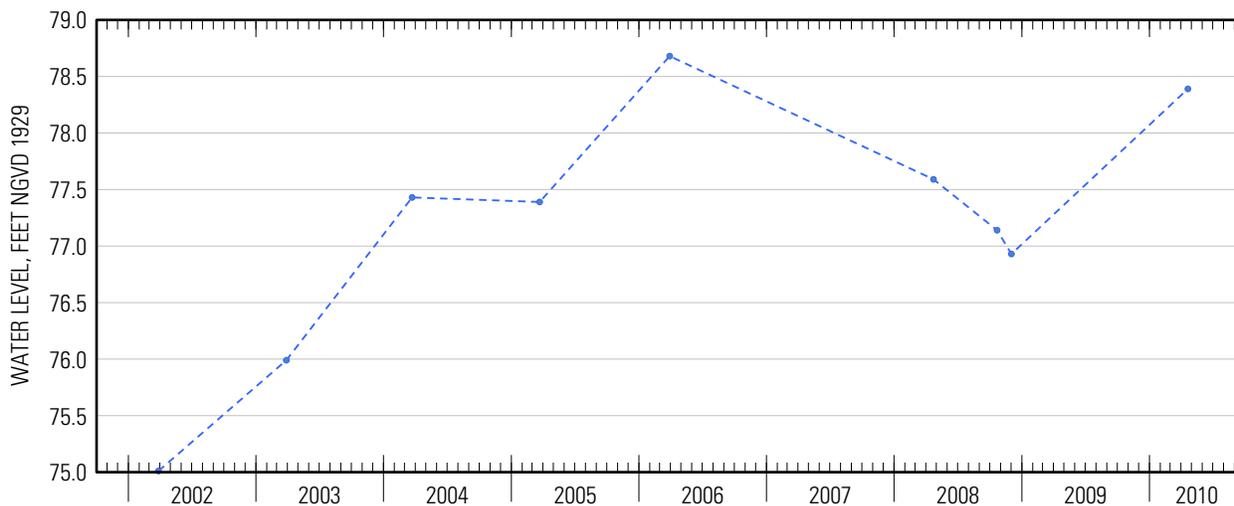
PERIOD OF RECORD.--April 1994 to March 1997, and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.68 ft above sea level, March 29, 2006; lowest measured, 73.69 ft above sea level, December 5, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	78.39





Water-Data Report 2010

404818073293001 Local number N 11453. 1

Northern Atlantic Coastal Plain aquifer system
Port Washington Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'18.7", long 73°29'28.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 865 ft. Upper casing diameter 4 in; top of first opening 840 ft, bottom of last opening 860 ft.

DATUM.--Land-surface datum is 207.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft below land-surface datum.

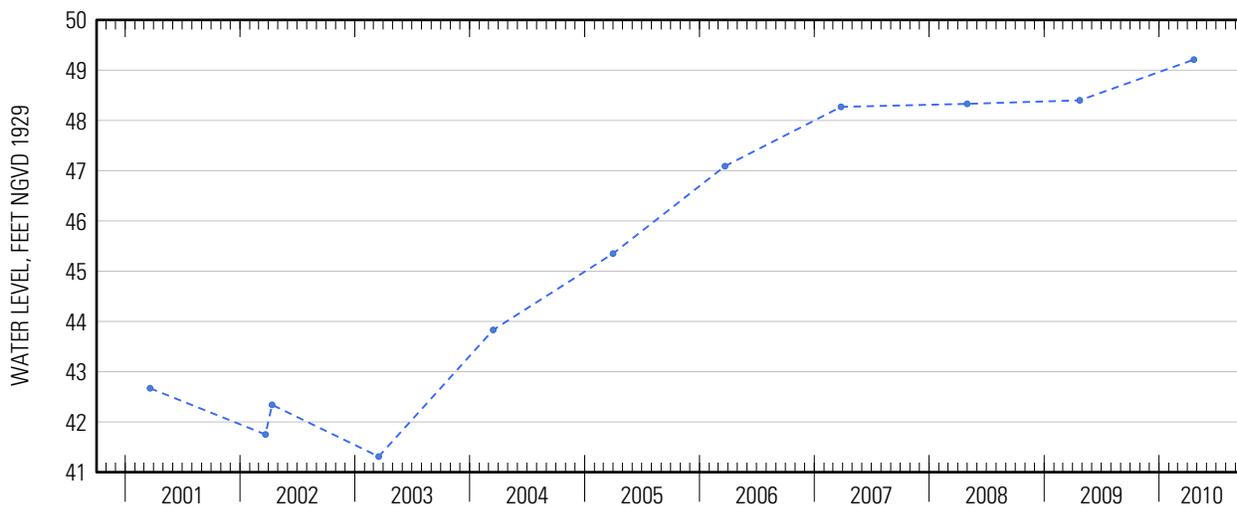
PERIOD OF RECORD.--March 1991 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.21 ft above sea level, April 21, 2010; lowest measured, 37.21 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	49.21





Water-Data Report 2010

404818073293101 Local number N 11454. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'18", long 73°29'31" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030202, at west side of Park Drive East, just south of Debra Place, in recharge basin #427, Locust Grove.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 595 ft. Upper casing diameter 4 in; top of first opening 570 ft, bottom of last opening 590 ft.

DATUM.--Land-surface datum is 207.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.01 ft below land-surface datum.

PERIOD OF RECORD.--March 1991 to current year.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 82.51 ft above sea level, March 20, 1991; lowest recorded, 69.74 ft above sea level, October 10, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 82.43 ft above sea level, June 16 and 17; lowest recorded, 78.64 ft above sea level, October 26.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Dec 1	78.98	May 26	82.06
30	79.19	Jun 30	81.90
Jan 15	79.52	Jul 30	81.54
Feb 22	79.49	Aug 25	81.22
Mar 31	80.28	Sep 27	80.65
Apr 28	81.53		

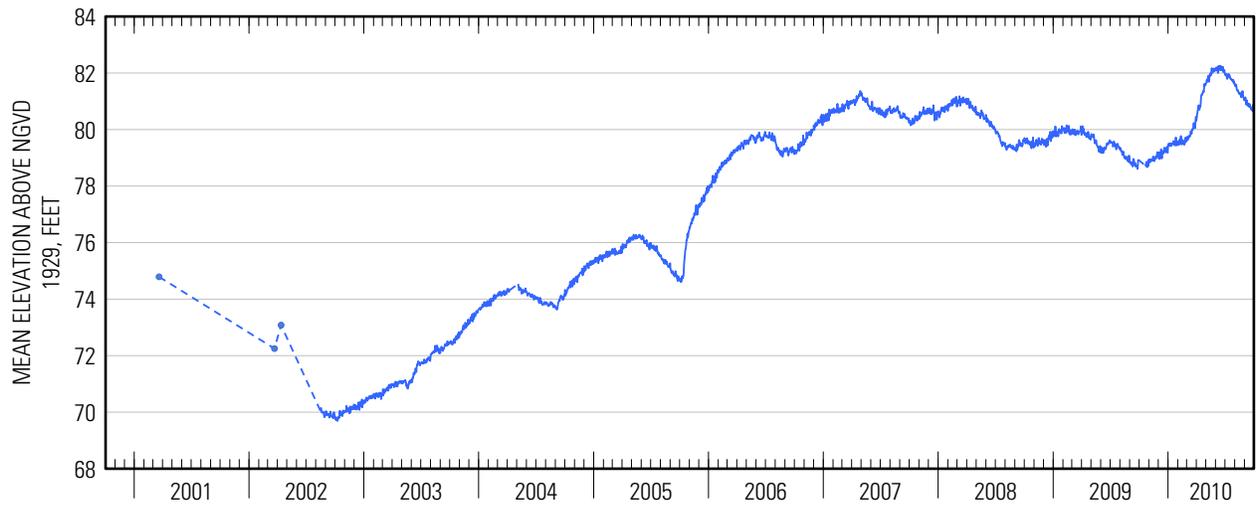
404818073293101 Local number N 11454. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	78.83	78.99	79.46	79.51	79.63	80.38	81.63	82.17	81.93	81.56	81.09
2	---	78.85	79.01	79.50	79.54	79.62	80.46	81.66	82.19	81.92	81.53	81.03
3	---	78.92	79.19	79.50	79.58	79.75	80.57	81.74	82.19	81.95	81.54	81.14
4	---	78.85	78.96	79.43	79.46	79.70	80.63	81.76	82.10	81.97	81.57	81.04
5	---	78.95	79.08	79.47	79.53	79.65	80.70	81.69	82.18	81.91	81.59	80.93
6	---	78.89	78.97	79.48	79.65	79.67	80.78	81.80	82.20	81.84	81.47	80.88
7	---	78.91	79.02	79.45	79.55	79.74	80.85	81.74	82.04	81.79	81.40	80.94
8	---	78.91	79.01	79.52	79.54	79.78	80.86	81.90	82.00	81.82	81.39	81.03
9	---	78.90	79.30	79.41	79.54	79.75	80.78	81.74	82.08	81.87	81.39	80.93
10	---	78.92	79.12	79.42	79.77	79.75	80.70	81.69	82.25	81.94	81.40	80.88
11	---	78.89	79.00	79.48	79.52	79.76	80.80	81.73	82.18	81.97	81.35	80.84
12	---	78.96	78.98	79.51	79.47	79.78	80.80	81.92	82.25	81.85	81.32	80.84
13	---	79.01	79.20	79.47	79.60	79.94	80.81	81.89	82.25	81.86	81.30	80.91
14	---	79.05	79.18	79.47	79.55	79.94	80.92	81.98	82.24	81.94	81.26	80.92
15	---	79.00	79.23	79.51	79.50	79.89	81.12	81.93	82.10	81.90	81.30	80.80
16	---	78.94	79.15	79.50	79.63	79.85	81.22	81.92	82.20	81.88	81.31	80.84
17	---	78.89	79.17	79.59	79.58	79.93	81.24	81.92	82.25	81.82	81.25	80.89
18	---	78.88	79.22	79.57	79.58	80.02	81.23	82.05	82.11	81.78	81.24	80.81
19	---	78.97	79.36	79.51	79.50	80.01	81.23	82.17	82.14	81.79	81.26	80.83
20	---	79.03	79.30	79.50	79.46	80.00	81.29	82.12	82.21	81.78	81.18	80.78
21	78.71	78.99	79.26	79.45	79.48	80.03	81.33	82.01	82.10	81.79	81.14	80.72
22	78.78	78.97	79.21	79.55	79.48	80.12	81.36	82.01	82.11	81.74	81.23	80.75
23	78.70	78.97	79.23	79.44	79.54	80.23	81.32	82.06	82.22	81.73	81.32	80.70
24	78.86	79.04	79.19	79.54	79.58	80.09	81.33	82.07	82.21	81.76	81.29	80.74
25	78.75	79.08	79.23	79.72	79.72	80.15	81.56	82.12	82.04	81.72	81.36	80.77
26	78.67	79.12	79.33	79.54	79.67	80.17	81.62	82.16	82.03	81.76	81.28	80.65
27	78.78	79.20	79.38	79.44	79.57	80.05	81.58	82.10	82.10	81.66	81.17	80.73
28	78.85	79.07	79.39	79.52	79.61	80.22	81.56	82.06	82.11	81.66	81.13	80.87
29	78.71	79.04	79.23	79.45	---	80.38	81.56	82.14	82.05	81.71	81.11	80.84
30	78.79	79.13	79.18	79.53	---	80.45	81.60	82.12	81.95	81.62	81.04	80.95
31	78.94	---	79.35	79.56	---	80.31	---	82.10	---	81.63	81.07	---
Mean	---	78.97	79.17	79.50	79.56	79.95	81.07	81.93	82.14	81.82	81.31	80.87
Max	---	79.20	79.39	79.72	79.77	80.45	81.62	82.17	82.25	81.97	81.59	81.14
Min	---	78.83	78.96	79.41	79.46	79.62	80.38	81.63	81.95	81.62	81.04	80.65
Med	---	78.97	79.19	79.50	79.55	79.94	81.17	81.93	82.16	81.82	81.30	80.86

	Calendar Year 2009	Water Year 2010
Mean	79.43	80.52
Max	80.15	82.25
Min	78.61	78.67
Med	79.41	80.74

404818073293101 Local number N 11454. 1—Continued



Water-Data Report 2010

404821073430501 Local number N 10192. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'22.2", long 73°43'03.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at west side of East Shore Road, just south of driveway to house #375, Kings Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 352 ft. Upper casing diameter 4 in; top of first opening 343 ft, bottom of last opening 348 ft.

DATUM.--Land-surface datum is 24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.65 ft below land-surface datum.

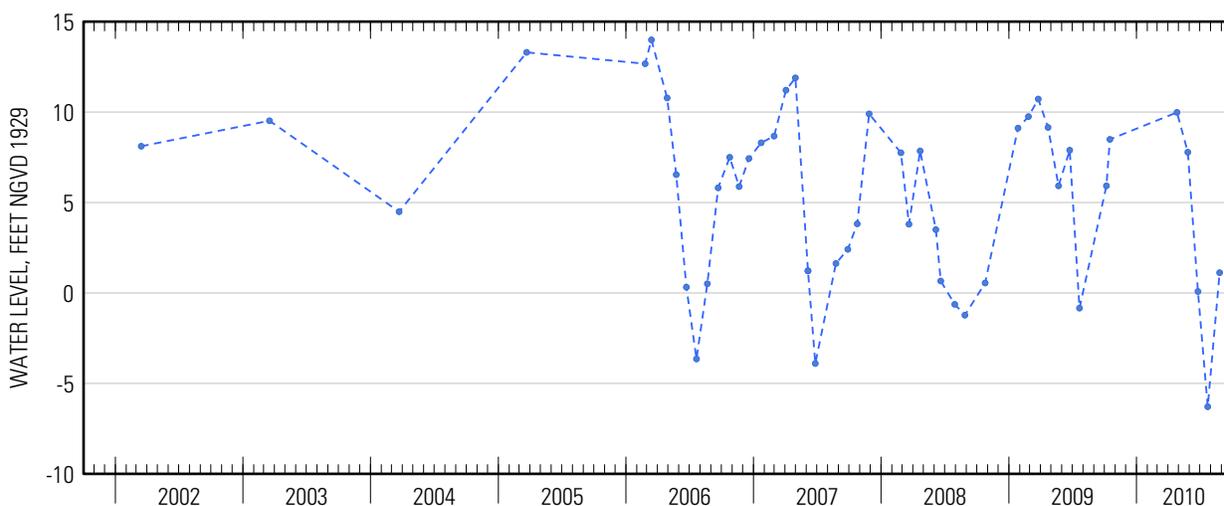
PERIOD OF RECORD.--January 1985, January 1987 to December 1988, March 1990 to March 1998, and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.99 ft above sea level, March 14, 2006; lowest measured, 13.33 ft below sea level, September 10, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 6	5.92	Jun 25	0.08
16	8.49	Jul 23	-6.29
Apr 26	9.98	Aug 26	1.12
May 27	7.78		



Water-Data Report 2010

404823073265901 Local number N 10607. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'21.9", long 73°26'58.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 218 ft. Upper casing diameter 4 in; top of first opening 210 ft, bottom of last opening 215 ft.

DATUM.--Land-surface datum is 260.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.44 ft below land-surface datum.

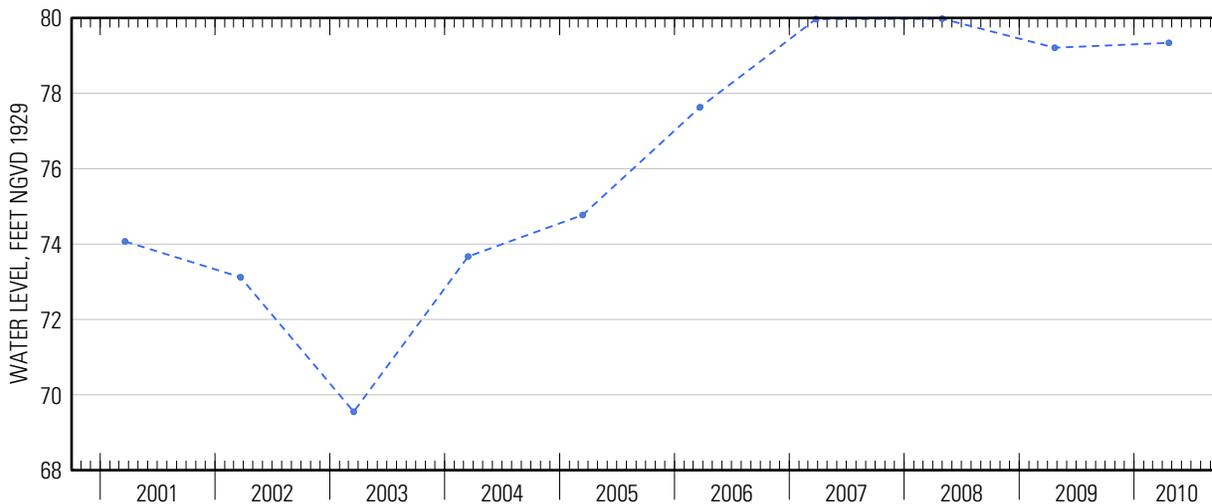
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 82.09 ft above sea level, March 20, 1991; lowest measured, 69.55 ft above sea level, March 17, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	79.34



Water-Data Report 2010

404832073333203 Local number N 9059. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'32.5", long 73°33'28.9" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 175 ft. Upper casing diameter 4 in; top of first opening 170 ft, bottom of last opening 175 ft.

DATUM.--Land-surface datum is 228 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.24 ft above land-surface datum.

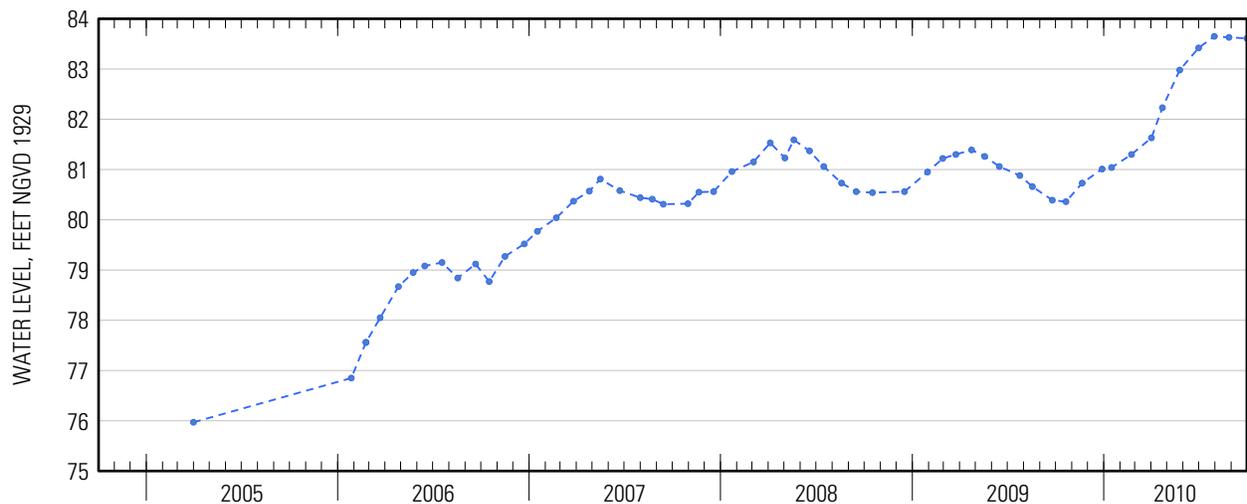
PERIOD OF RECORD.--October 1974 to April 1984, March 1990 to January 2000, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 90.84 ft above sea level, December 5, 1979; lowest measured, 73.82 ft above sea level, March 20, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	80.36	Apr 22	82.23
Nov 20	80.73	May 25	82.98
Dec 28	81.01	Jun 30	83.42
Jan 15	81.04	Jul 30	83.65
Feb 22	81.30	Aug 27	83.63
Apr 1	81.63	Sep 30	83.61





Water-Data Report 2010

404835073404004 Local number N 1120. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°48'35.2", long 73°40'37.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at northwest corner of Port Washington Blvd and Bonnie Heights Road, Flower Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 4 in; top of first opening 95 ft, bottom of last opening 100 ft.

DATUM.--Land-surface datum is 116.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

PERIOD OF RECORD.--March 1976 to April 1984 and January 2000 to current year.

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

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

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 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	48.69	Apr 20	50.10
Nov 20	48.78	May 25	50.61
Dec 28	48.97	Jun 30	50.84
Jan 15	48.94	Jul 30	50.87
Feb 22	48.98	Aug 27	50.54
Apr 1	49.46	Sep 30	50.41



Water-Data Report 2010

404838073404202 Local number N 9809. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°48'38", long 73°40'42" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 527 ft. Upper casing diameter 20 in; top of first opening 438 ft, bottom of last opening 524 ft.

DATUM.--Land-surface datum is 120 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel nipple, 6.53 ft below land-surface datum.

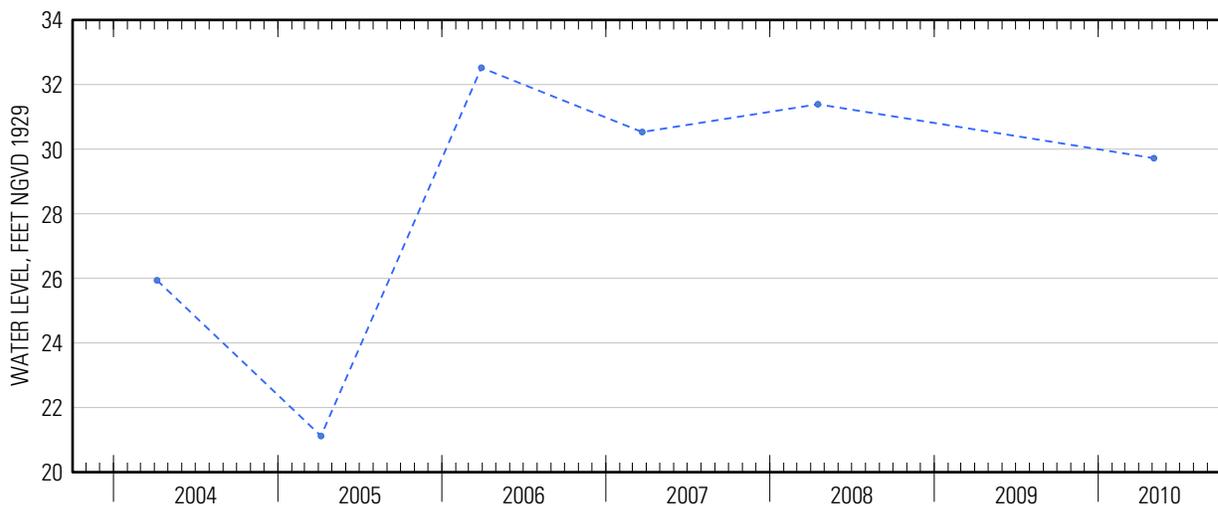
PERIOD OF RECORD.--January 1984 to December 1988, April 1991 to April 1994, and April 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.52 ft above sea level, March 29, 2006; lowest measured, 21.12 ft above sea level, April 6, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
May 4	29.72



Water-Data Report 2010

404843073432701 Local number N 9896. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°48'40.6", long 73°43'24.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 6 in; top of first opening 80 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 106 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.18 ft above land-surface datum.

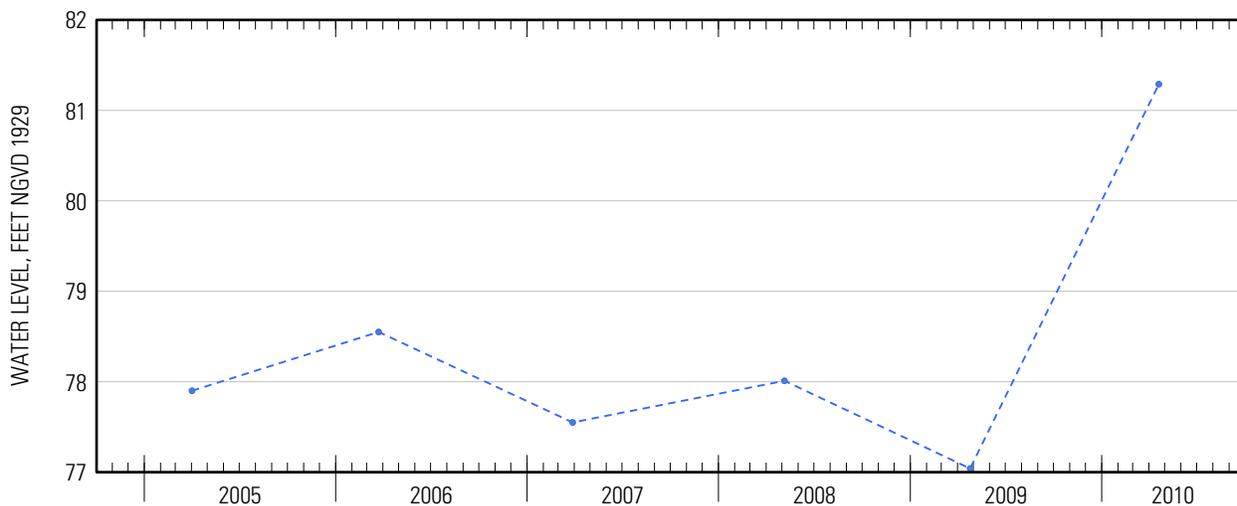
PERIOD OF RECORD.--November 1991 to March 1989 and April 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.29 ft above sea level, April 19, 2010; lowest measured, 74.05 ft above sea level, December 8, 1992.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 19	81.29





Water-Data Report 2010

404850073344501 Local number N 3475. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'49", long 73°34'45" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030101.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 487 ft. Upper casing diameter 18 in; top of first opening 432 ft, bottom of last opening 482 ft.

DATUM.--Land-surface datum is 208 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of vent hole in west side of pump base, 1.84 ft below land-surface datum.

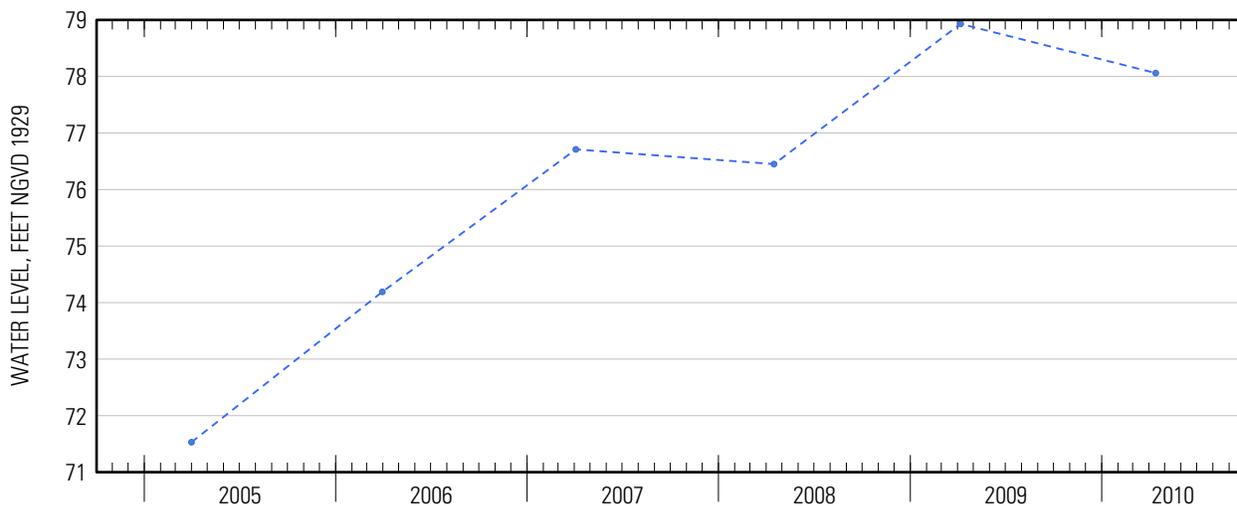
PERIOD OF RECORD.--December 1955 to February 1959, March 1961, March 1970 to March 1981, May 1988 to April 1997, and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 85.65 ft above sea level, March 14, 1961; lowest measured, 71.09 ft above sea level, March 6, 1970.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 13	78.06



404853073421101 Local number N 12134. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'53.9", long 73°42'09.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at northside of Rock Hollow Road, eastside of Plandome Road, outside of entrance to Leeds Pond Preserve, Plandome Manor.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 380 ft. Upper casing diameter 4 in; top of first opening 345 ft, bottom of last opening 365 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929.

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

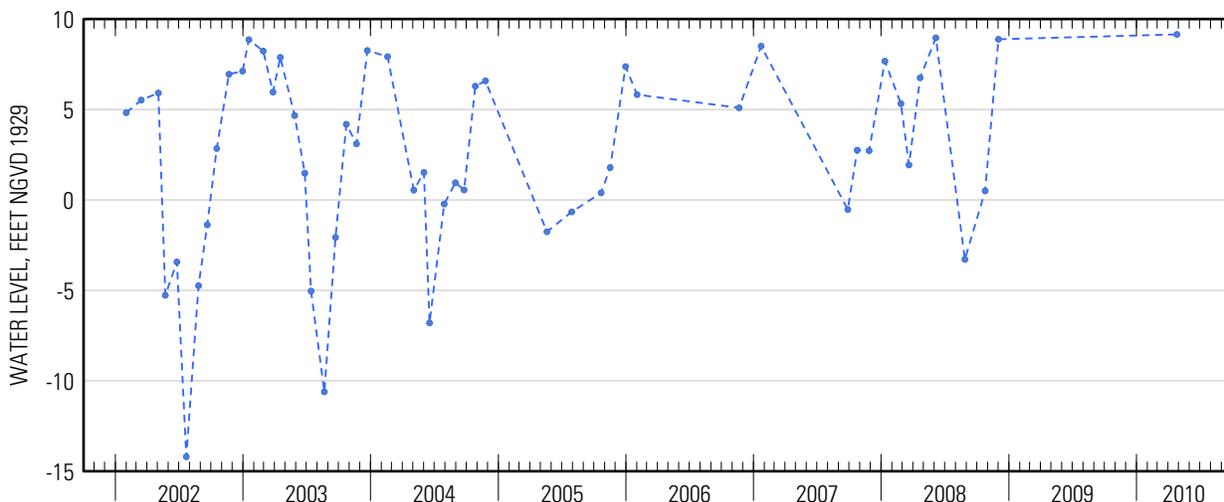
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft above sea level, April 26, 2010; lowest measured, 14.20 ft below sea level, July 22, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 26	9.15



Water-Data Report 2010

404853073454301 Local number N 12076. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°48'53.9", long 73°45'41.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 320 ft. Upper casing diameter 4 in; top of first opening 240 ft, bottom of last opening 260 ft.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.04 ft below land-surface datum.

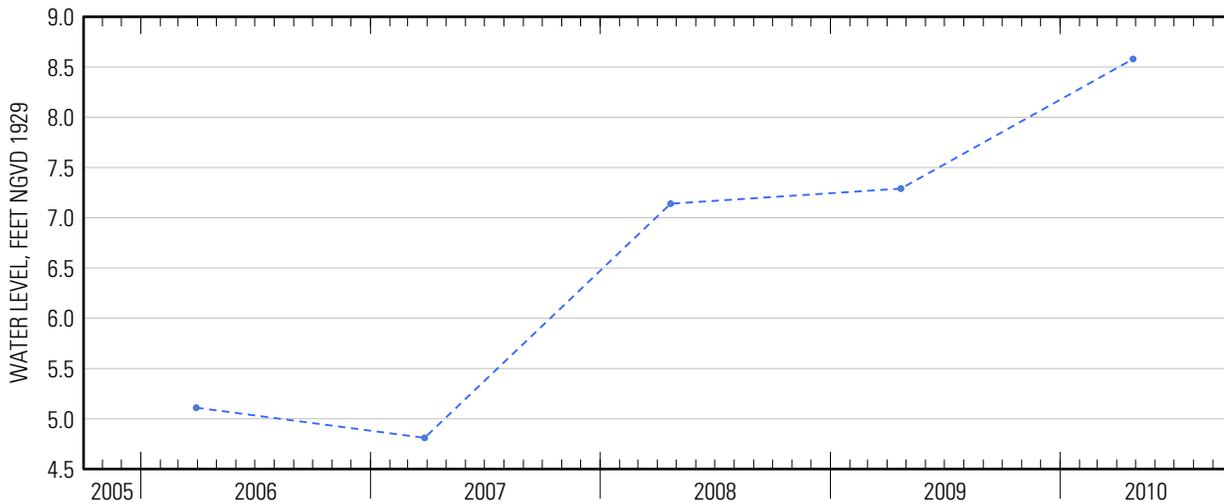
PERIOD OF RECORD.--April 1992 to March 1998 and March 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.58 ft above sea level, April 26, 2010; lowest measured, 3.11 ft below sea level, August 25, 1992.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 26	8.58



404855073404701 Local number N 4223. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°48'55", long 73°40'34" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 326 ft. Upper casing diameter 12 in; top of first opening 273 ft, bottom of last opening 326 ft.

DATUM.--Land-surface datum is 192 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of ½ in brass nipple, 6.06 ft above land-surface datum.

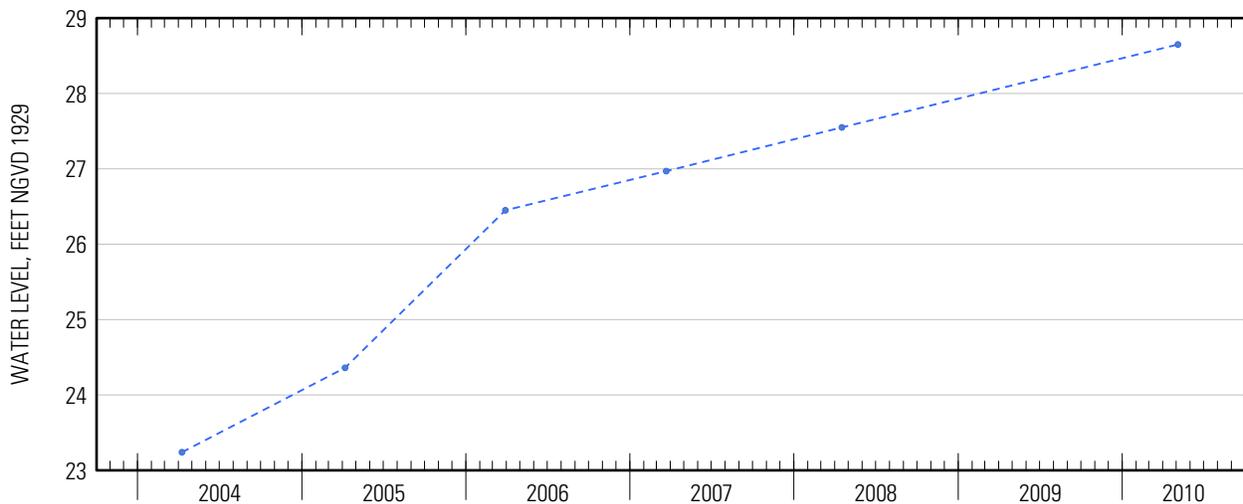
PERIOD OF RECORD.--October 1955 to April 1957, July 1960, March 1964, March 1970 to March 1979, May 1988 to April 1994, and April 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.04 ft above sea level, June 7, 1956; lowest measured, 21.40 ft above sea level, March 12, 1964.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
May 4	28.65





Water-Data Report 2010

404910073271601 Local number N 10608. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°49'13.4", long 73°27'07.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 282 ft. Upper casing diameter 4 in; top of first opening 274 ft, bottom of last opening 279 ft.

DATUM.--Land-surface datum is 249 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.51 ft below land-surface datum.

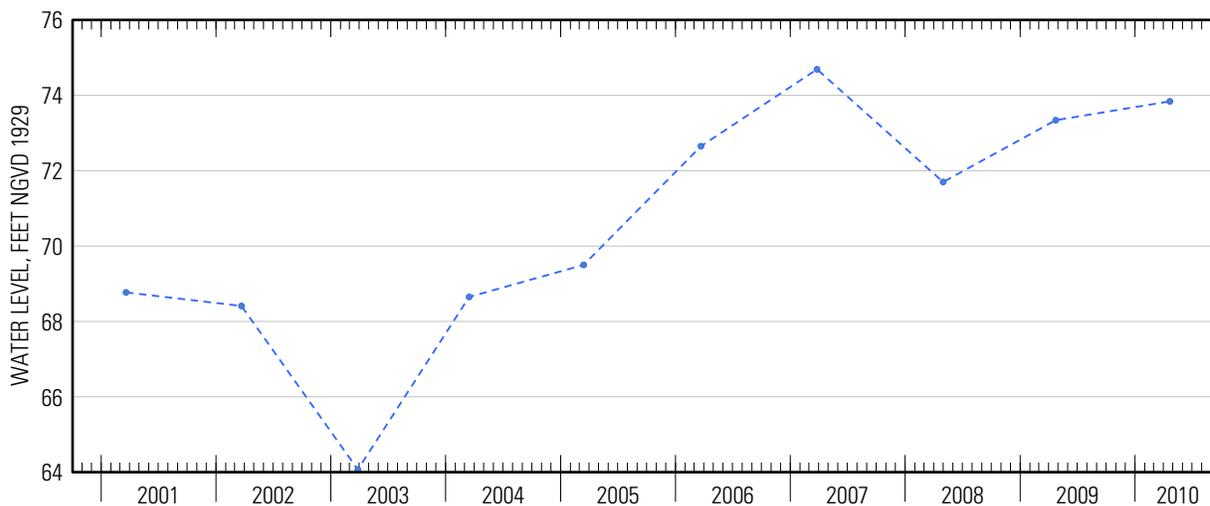
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.69 ft above sea level, March 26, 2007; lowest measured, 64.07 ft above sea level, March 27, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	73.84



Water-Data Report 2010

404916073411601 Local number N 2269. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°49'16", long 73°41'16" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 231 ft. Upper casing diameter 6 in; top of first opening 208 ft, bottom of last opening 212 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.24 ft above land-surface datum.

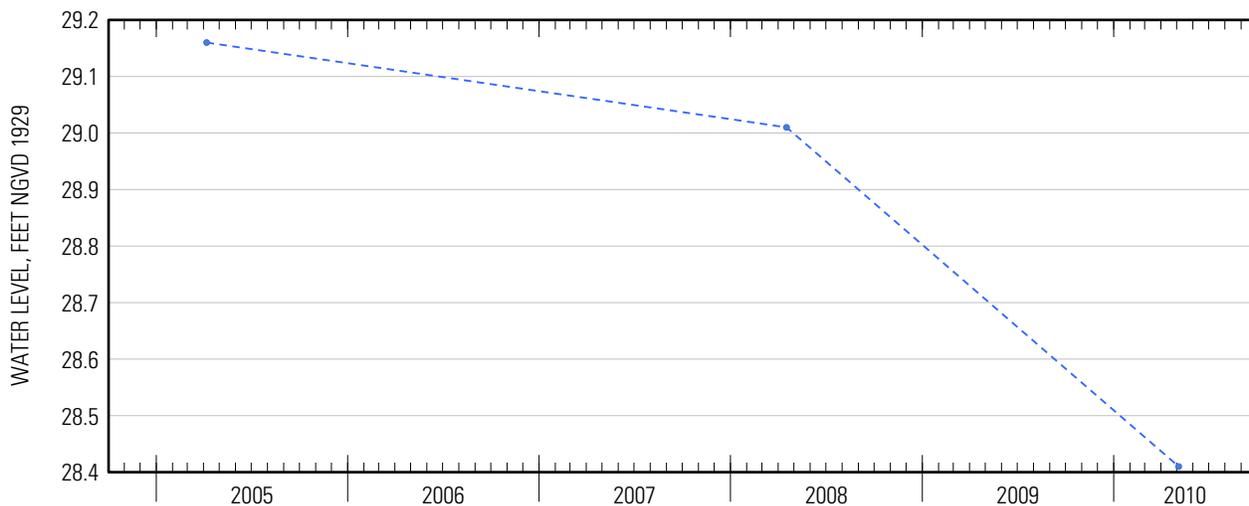
PERIOD OF RECORD.--March 1964, December 1992 to March 1997, April 2005, and April 2008.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.16 ft above sea level, April 6, 2005; lowest measured, 9.76 ft above sea level, September 11, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
May 4	28.41



Water-Data Report 2010

404921073415401 Local number N 12793. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°49'21", long 73°41'54" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 430 ft. Upper casing diameter 4 in; top of first opening 390 ft, bottom of last opening 410 ft.

DATUM.--Land-surface datum is 67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.76 ft below land-surface datum.

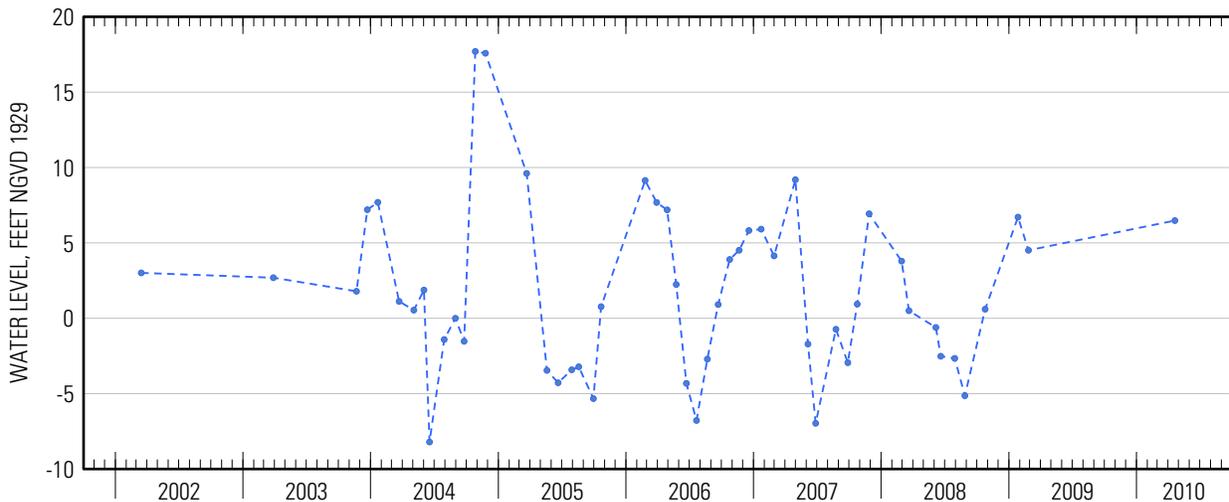
PERIOD OF RECORD.--March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.70 ft above sea level, October 26, 2004; lowest measured, 8.21 ft below sea level, June 17, 2004.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	6.48



Water-Data Report 2010

404925073405402 Local number N 12451. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°49'26.1", long 73°40'52.9" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at south side of Revere Road, just east of Port Washington Boulevard, Port Washington.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 120 ft. Upper casing diameter 2 in; top of first opening 95 ft, bottom of last opening 115 ft.

DATUM.--Land-surface datum is 154 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

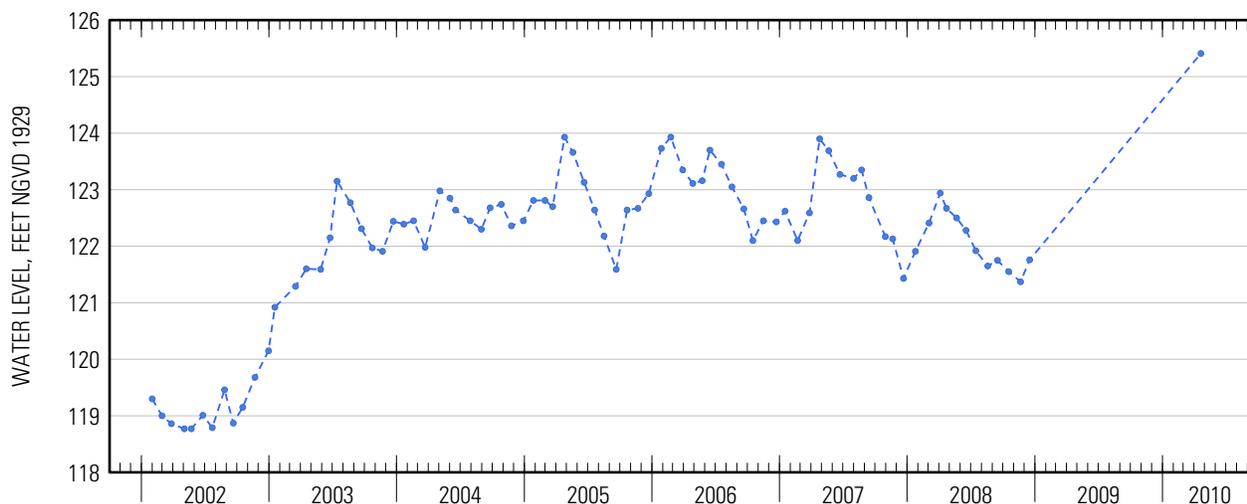
PERIOD OF RECORD.--March 1994 to March 1998 and January 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 125.41 ft above sea level, April 20, 2010 and February 23, 2006; lowest measured, 118.08 ft above sea level, December 5, 1985.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	125.41





Water-Data Report 2010

404931073382101 Local number N 110.1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°49'31", long 73°38'21" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201, at Scudders Lane and Motts Cove Road, Glenwood Landing.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 519 ft. Upper casing diameter 16 in; top of first opening 445 ft, bottom of last opening 515 ft.

DATUM.--Land-surface datum is 56.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 0.44 ft above land-surface datum.

PERIOD OF RECORD.--January 1946 to April 1948, March 1952, May 1955, May 1957, March 1961, January 1965, December 1970 to March 1999, and March 2002 to current year. Unpublished records for 1946-48, 1952, 1955, 1961, 1965, and 1970-75 are available in files of the Geological Survey.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 27.99 ft above sea level, December 15, 1970; lowest recorded, 9.05 ft below sea level, May 22, 1957.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 21.51 ft above sea level, March 16; lowest recorded, 5.27 ft below sea level, August 12.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 21	17.12	Apr 28	19.46
Dec 1	18.33	May 26	14.41
30	18.37	Jun 30	2.04
Jan 15	18.76	Jul 30	-1.74
Feb 22	19.59	Aug 25	8.59
Mar 31	20.87	Sep 27	9.88
Apr 22	17.99		

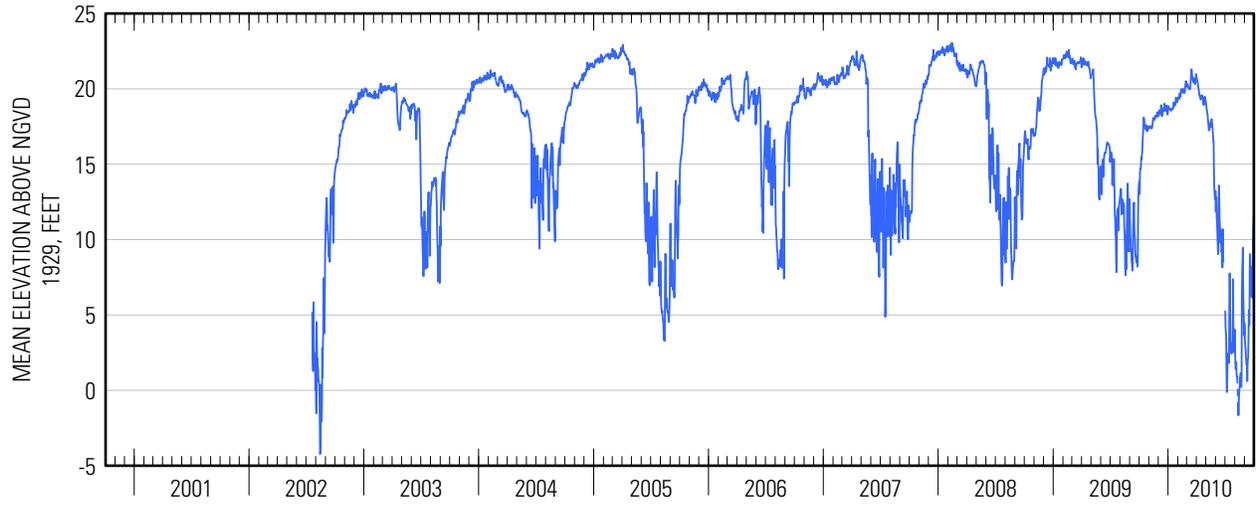
404931073382101 Local number N 110. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13.89	17.40	18.23	18.75	19.31	20.15	20.70	18.99	11.86	5.28	3.12	4.04
2	13.03	17.42	18.26	18.85	19.32	20.13	20.65	18.86	12.76	4.17	2.05	3.11
3	14.47	17.51	18.58	18.70	19.46	20.28	20.58	18.62	12.82	3.93	1.42	2.90
4	14.70	17.40	18.38	18.70	19.33	20.31	20.46	18.59	11.40	3.45	1.53	2.63
5	14.70	17.48	18.54	18.66	19.35	20.19	20.38	18.38	11.17	1.23	1.88	2.10
6	14.88	17.53	18.47	18.66	19.69	20.07	20.12	18.27	10.41	-0.12	1.12	1.96
7	15.45	17.44	18.41	18.62	19.63	20.01	20.02	17.94	9.85	0.14	0.87	1.69
8	15.31	17.44	18.35	18.68	19.47	20.02	19.96	17.79	9.03	1.60	0.95	1.98
9	15.62	17.37	18.92	18.58	19.47	19.97	19.66	17.54	9.11	2.27	---	0.61
10	15.76	17.38	18.69	18.55	19.96	19.97	19.56	17.31	12.02	2.45	---	1.74
11	16.26	17.49	18.28	18.58	19.98	19.99	19.52	17.24	13.59	2.32	-0.76	2.07
12	16.78	17.70	18.19	18.63	19.83	20.05	19.43	17.35	12.79	1.99	-1.66	2.19
13	17.19	17.91	18.47	18.62	19.90	20.52	19.35	17.47	11.38	1.83	-0.82	3.48
14	17.68	18.07	18.61	18.68	19.86	20.80	19.29	17.61	10.97	5.58	-0.26	5.32
15	18.10	18.01	18.70	18.72	19.74	21.00	19.31	17.75	10.38	7.76	0.09	4.30
16	18.00	17.93	18.58	18.69	20.00	21.30	19.44	17.47	9.80	6.60	0.27	4.43
17	17.78	17.93	18.50	18.84	19.97	21.00	19.59	17.92	10.65	4.65	0.84	8.21
18	17.72	17.96	18.59	19.10	19.91	20.84	19.55	17.93	9.83	3.20	0.76	9.04
19	17.54	18.01	18.86	19.02	19.75	20.73	19.50	17.99	9.17	2.89	1.14	7.92
20	17.47	18.21	19.02	18.94	19.75	20.59	19.43	17.79	9.31	2.70	0.62	7.01
21	17.31	18.13	18.77	18.88	19.73	20.46	19.45	17.53	9.23	2.43	0.22	6.61
22	17.43	18.10	18.62	18.97	19.73	20.45	18.98	17.27	8.15	2.79	0.84	6.25
23	17.32	18.13	18.57	18.95	19.95	20.72	18.96	16.99	10.69	2.53	6.24	8.21
24	17.57	18.17	18.52	19.04	20.21	20.46	18.93	16.53	9.52	3.17	7.86	7.02
25	17.42	18.25	18.52	19.42	20.33	20.40	19.11	16.53	8.50	2.58	8.63	7.09
26	17.19	18.31	18.80	19.37	20.52	20.46	19.37	14.84	---	7.37	9.46	6.13
27	17.25	18.45	18.90	19.22	20.34	20.31	19.48	13.56	---	3.93	6.76	9.63
28	17.49	18.18	18.78	19.26	20.27	20.38	19.38	13.04	---	2.59	5.74	10.68
29	17.42	18.17	18.41	19.11	---	20.59	19.27	12.85	---	3.59	4.81	11.16
30	17.36	18.30	18.29	19.17	---	20.98	19.19	12.66	---	2.51	3.64	11.65
31	17.51	---	18.56	19.41	---	20.85	---	13.23	---	4.04	4.45	---
Mean	16.57	17.86	18.56	18.88	19.81	20.45	19.62	16.90	10.58	3.27	2.48	5.37
Max	18.10	18.45	19.02	19.42	20.52	21.30	20.70	18.99	13.59	7.76	9.46	11.65
Min	13.03	17.37	18.19	18.55	19.31	19.97	18.93	12.66	8.15	-0.12	-1.66	0.61
Med	17.31	17.94	18.56	18.84	19.79	20.45	19.47	17.53	10.41	2.79	1.14	4.88

	Calendar Year 2009	Water Year 2010
Mean	17.23	14.27
Max	22.58	21.30
Min	7.64	-1.66
Med	17.96	17.92

404931073382101 Local number N 110. 1—Continued





Water-Data Report 2010

404943073414701 Local number N 12508. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°49'43", long 73°41'47" referenced to North American Datum of 1927, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 4 in; top of first opening 355 ft, bottom of last opening 375 ft.

DATUM.--Land-surface datum is 61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.99 ft below land-surface datum.

PERIOD OF RECORD.--March 1995 to current year.

GAGE.--Digital water-level recorder; 60-minute recording interval. Periodic measurements made with chalked steel tape by U.S. Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 11.15 ft above sea level, March 14, 2006; lowest recorded, 14.18 ft below sea level, July 10, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 10.18 ft above sea level, March 30; lowest recorded, 12.36 ft below sea level, July 13.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 21	1.78	Apr 28	6.60
Dec 1	6.06	May 26	.62
30	5.52	Jun 30	-3.33
Jan 15	7.90	Jul 30	-5.32
Feb 22	7.94	Aug 27	-1.42
Mar 31	7.74	Sep 29	-.29
Apr 20	6.55		

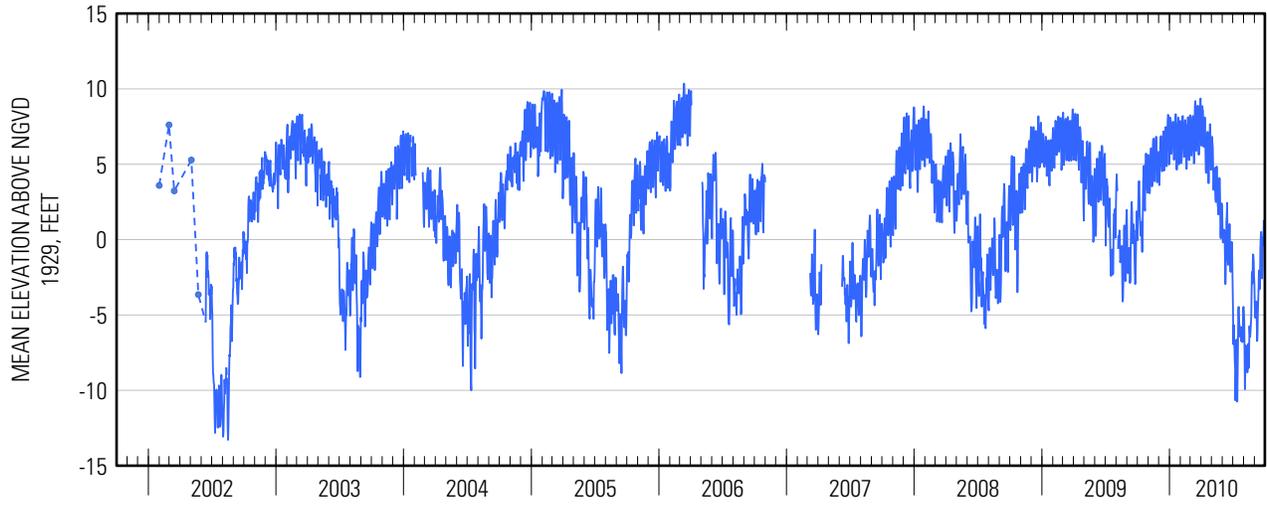
404943073414701 Local number N 12508. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	-0.04	5.61	5.13	7.48	7.13	7.98	6.23	6.26	0.45	-4.82	-4.80	-4.01
2	1.56	4.91	3.61	8.10	6.49	7.62	6.84	6.82	-0.19	-6.94	-5.45	-5.18
3	2.63	4.82	4.29	7.99	5.08	5.99	8.29	6.44	0.40	-5.67	-7.50	-5.09
4	3.44	3.07	5.60	7.84	5.25	5.57	8.86	6.12	0.48	-6.46	-9.93	-4.16
5	3.88	3.14	6.57	7.59	6.87	6.19	8.63	4.77	0.66	-7.04	-8.69	-4.11
6	3.29	4.95	6.81	5.68	8.02	7.51	8.55	3.30	0.62	-8.12	-7.14	-4.12
7	1.69	5.72	6.87	5.95	8.20	8.02	6.70	3.45	0.30	-8.58	-7.03	-5.71
8	1.29	6.06	5.91	7.23	7.85	8.20	6.16	4.47	-1.42	-10.67	-7.33	-6.73
9	0.65	6.00	4.76	7.56	7.24	7.82	6.72	4.68	-2.95	-9.20	-8.41	-6.22
10	0.26	4.77	4.53	7.79	5.91	5.90	7.59	4.75	-2.32	-7.98	-8.20	-4.70
11	0.49	3.53	4.80	7.82	5.48	5.05	8.11	3.26	-0.39	-6.63	-8.81	-4.02
12	1.17	3.75	5.71	7.39	6.20	5.24	7.68	2.68	1.23	-7.63	-8.39	-3.26
13	-0.48	5.72	6.79	5.29	7.64	7.86	6.06	2.49	1.63	-10.75	-6.92	-2.05
14	-0.82	6.54	7.18	5.86	7.93	8.96	4.59	4.47	2.43	-9.14	-7.96	-2.18
15	-0.32	6.69	6.60	7.09	7.68	9.19	4.42	4.85	0.52	-7.28	-8.51	-3.29
16	2.60	6.70	4.58	7.51	7.45	8.52	5.75	4.59	-1.43	-4.78	-7.35	-3.13
17	3.99	5.82	5.09	8.00	5.55	6.59	6.40	3.80	-1.68	-4.46	-5.74	-0.71
18	4.60	4.28	6.43	8.32	4.69	5.89	6.52	2.31	-0.99	-5.25	-6.28	0.06
19	4.90	3.86	7.05	7.60	5.62	6.72	7.15	2.11	-1.36	-5.67	-6.44	0.49
20	4.05	5.39	7.47	5.41	7.20	8.09	6.80	1.67	-0.10	-5.71	-6.05	0.51
21	2.14	6.11	7.31	4.64	7.70	8.52	4.69	2.52	1.03	-6.44	-5.63	-0.92
22	1.92	6.64	6.63	5.29	8.12	8.89	3.74	3.50	-0.35	-6.35	-5.15	-2.58
23	4.03	6.83	4.86	6.51	7.69	8.59	4.48	4.09	-1.59	-6.31	-3.56	-1.96
24	5.52	6.27	5.91	7.38	6.09	6.27	5.67	3.97	-2.14	-6.73	-2.15	-0.33
25	5.71	4.39	7.08	8.10	5.27	5.63	7.03	2.61	-0.87	-5.82	-2.92	0.15
26	5.52	3.79	7.95	7.35	6.37	6.40	7.66	0.27	-0.61	-6.44	-2.48	-0.33
27	4.71	5.27	8.28	4.99	7.81	7.76	7.14	0.09	-0.15	-5.89	-0.98	1.26
28	3.40	4.78	8.15	5.39	8.25	8.34	6.12	1.31	-0.20	-6.80	-1.01	0.39
29	3.11	5.82	7.03	6.37	---	9.04	4.63	2.41	-1.85	-5.78	-1.43	-0.39
30	4.60	5.80	4.98	7.12	---	9.36	5.04	2.29	-3.31	-4.54	-2.45	0.57
31	5.61	---	6.13	7.88	---	7.55	---	1.90	---	-4.46	-2.85	---
Mean	2.75	5.23	6.13	6.92	6.81	7.40	6.47	3.49	-0.47	-6.72	-5.73	-2.39
Max	5.71	6.83	8.28	8.32	8.25	9.36	8.86	6.82	2.43	-4.46	-0.98	1.26
Min	-0.82	3.07	3.61	4.64	4.69	5.05	3.74	0.09	-3.31	-10.75	-9.93	-6.73
Med	3.11	5.50	6.43	7.38	7.16	7.76	6.61	3.45	-0.28	-6.44	-6.28	-2.38

	Calendar Year 2009	Water Year 2010
Mean	4.01	2.46
Max	8.64	9.36
Min	-4.11	-10.75
Med	4.78	4.59

404943073414701 Local number N 12508. 1—Continued





Water-Data Report 2010

404943073415201 Local number N 2635. 1

Northern Atlantic Coastal Plain aquifer system
Gardiners Clay

Nassau County, NY

LOCATION.--Lat 40°49'42.0", long 73°41'50.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 165 ft. Upper casing diameter 8 in; top of first opening 150 ft, bottom of last opening 154 ft.

DATUM.--Land-surface datum is 41 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.77 ft above land-surface datum.

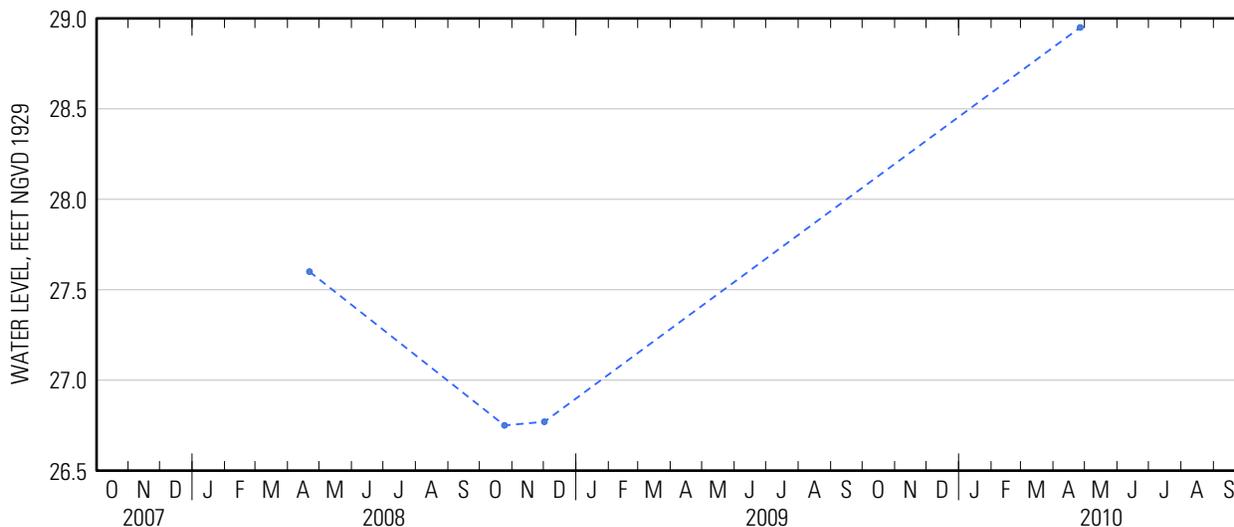
PERIOD OF RECORD.--June 1948, January 1956 to December 1996, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.09 ft above sea level, June 22, 1948; lowest measured, 21.58 ft above sea level, January 25, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 26	28.95





Water-Data Report 2010

405000073293301 Local number N 1228.3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°49'59.9", long 73°29'32.3" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at south side of Cold Spring Road, 332 ft west of Townsend Drive, Syosset.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 176 ft. Upper casing diameter 4 in; top of first opening 173 ft, bottom of last opening 176 ft.

DATUM.--Land-surface datum is 227 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.12 ft above land-surface datum.

PERIOD OF RECORD.--February 1962 to May 1984, June 1988 to January 2000, and March 2005 to current year.

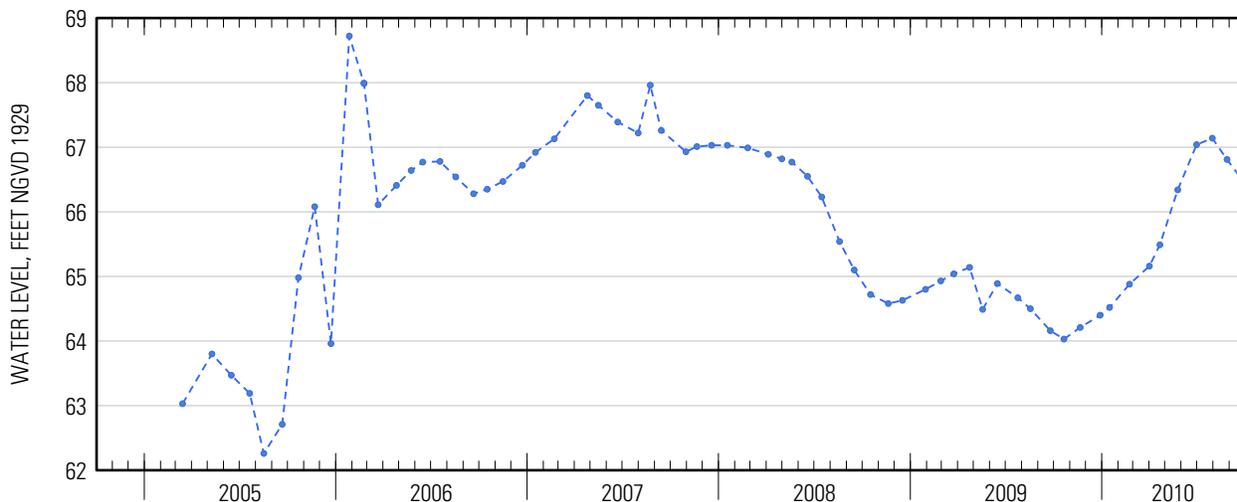
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well N1228.2 in February 1962 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 70.69 ft above sea level, May 29, 1980; lowest measured, 52.22 ft above sea level, July 18, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	64.03	Apr 21	65.49
Nov 20	64.21	May 25	66.34
Dec 28	64.40	Jun 30	67.04
Jan 15	64.52	Jul 30	67.14
Feb 22	64.88	Aug 27	66.81
Apr 1	65.16	Sep 30	66.44



Water-Data Report 2010

405001073343205 Local number N 6294. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°51'00.9", long 73°34'32.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at south side of Chicken Valley Road, 83 ft west of Wolver Hollow Road, westernmost well, Upper Brookville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 37 ft. Upper casing diameter 1.25 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

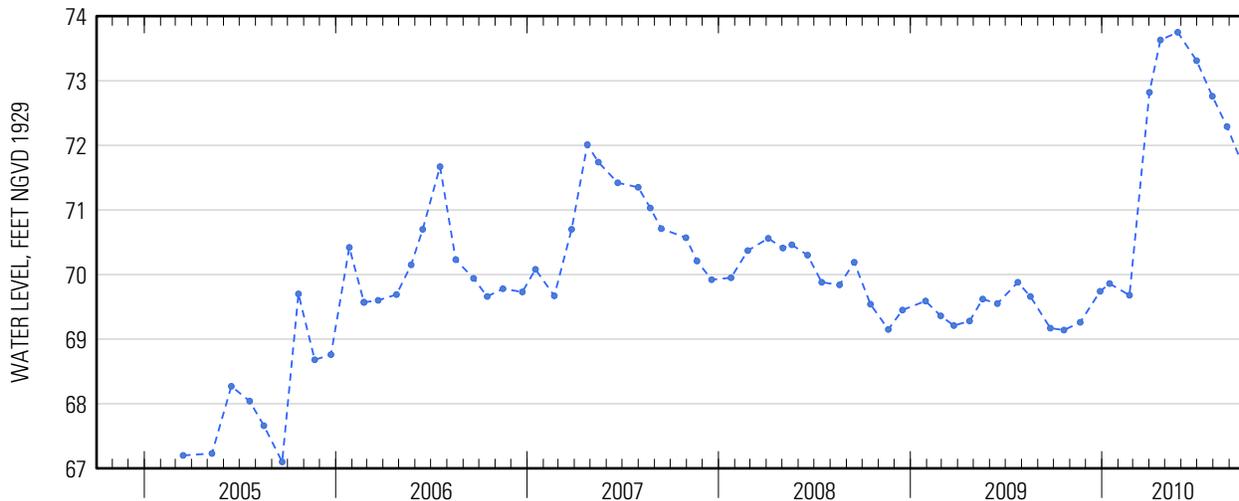
PERIOD OF RECORD.--September 1982 to January 2000, April 2002, and March 2005 to current year. Unpublished records for September 1982 to September 1987 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 73.75 ft above sea level, May 25, 2010; lowest measured, 62.40 ft above sea level, January 26, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	69.14	Apr 22	73.63
Nov 20	69.26	May 25	73.75
Dec 28	69.74	Jun 30	73.31
Jan 15	69.86	Jul 30	72.76
Feb 22	69.68	Aug 27	72.29
Apr 1	72.82	Sep 30	71.61



Water-Data Report 2010

405001073372301 Local number N 10245. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°50'01.3", long 73°37'22.1" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 104 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.43 ft below land-surface datum.

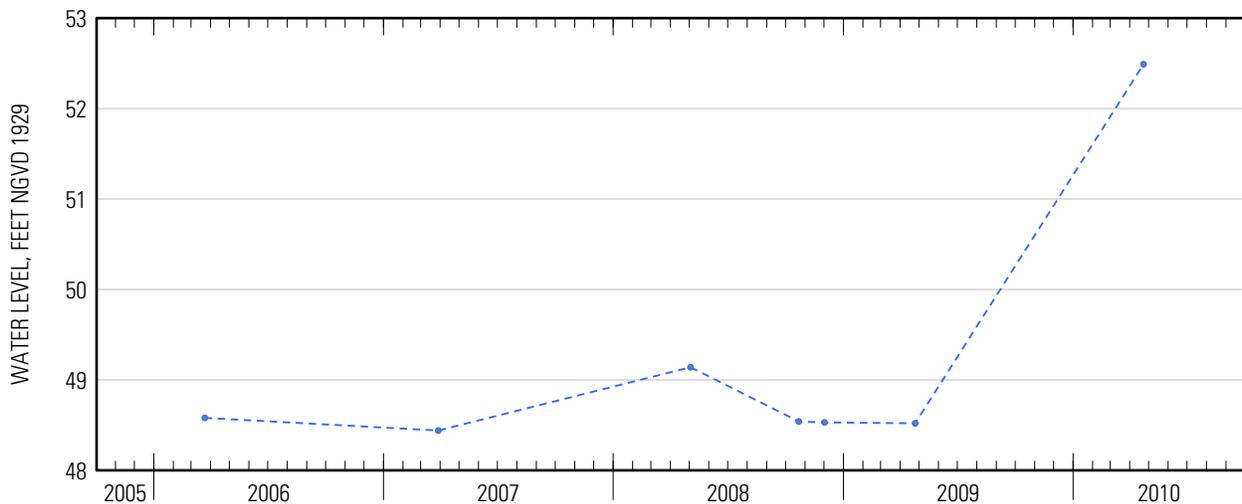
PERIOD OF RECORD.--March 1990 to March 1998 and March 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.49 ft above sea level, April 22, 2010; lowest measured, 42.41 ft above sea level, December 6, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 22	52.49



Water-Data Report 2010

405004073353401 Local number N 11798. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°50'04", long 73°35'34" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201, at west side of Hegemans Lane, 193 ft north of Linden Lane, southernmost well, Old Brookville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 645 ft. Upper casing diameter 4 in; top of first opening 620 ft, bottom of last opening 640 ft.

DATUM.--Land-surface datum is 143 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.53 ft below land-surface datum.

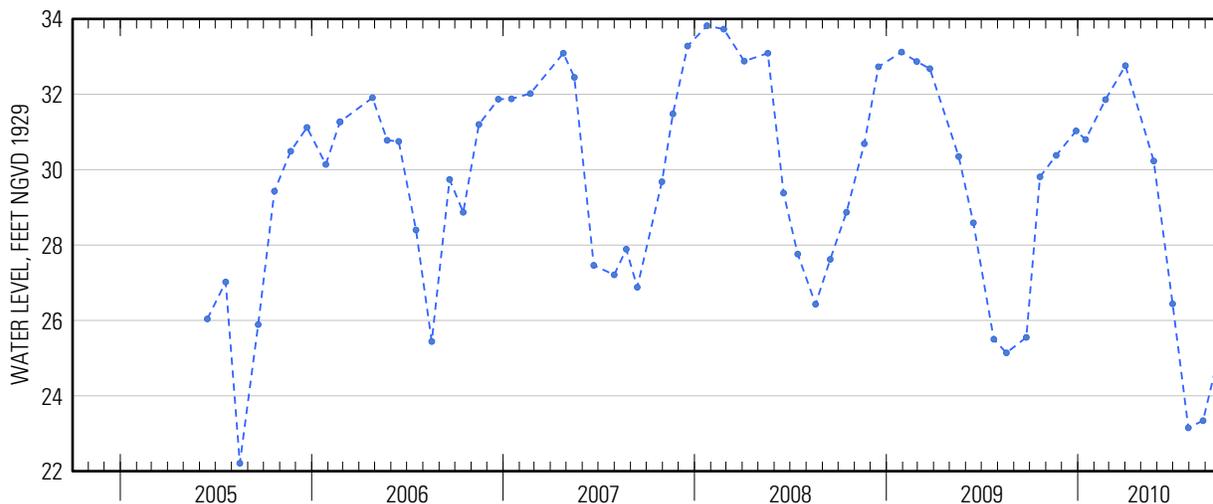
PERIOD OF RECORD.--June 1992 to September 1997 and June 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.82 ft above sea level, January 24, 2008; lowest measured, 22.21 ft above sea level, August 16, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	29.81	May 25	30.23
Nov 20	30.38	Jun 30	26.44
Dec 28	31.03	Jul 30	23.15
Jan 15	30.80	Aug 27	23.34
Feb 22	31.86	Sep 30	25.31
Apr 1	32.76		





Water-Data Report 2010

405010073414901 Local number N 35.1

Northern Atlantic Coastal Plain aquifer system
Port Washington Aquifer

Nassau County, NY

LOCATION.--Lat 40°50'10.2", long 73°41'48.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at Port Washington Water District, 115 ft south of Sandy Hollow Road, in recorder shelter, Port Washington.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 387 ft. Upper casing diameter 16 in; top of first opening 287 ft, bottom of last opening 387 ft.

DATUM.--Land-surface datum is 13.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 3.64 ft above land-surface datum.

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

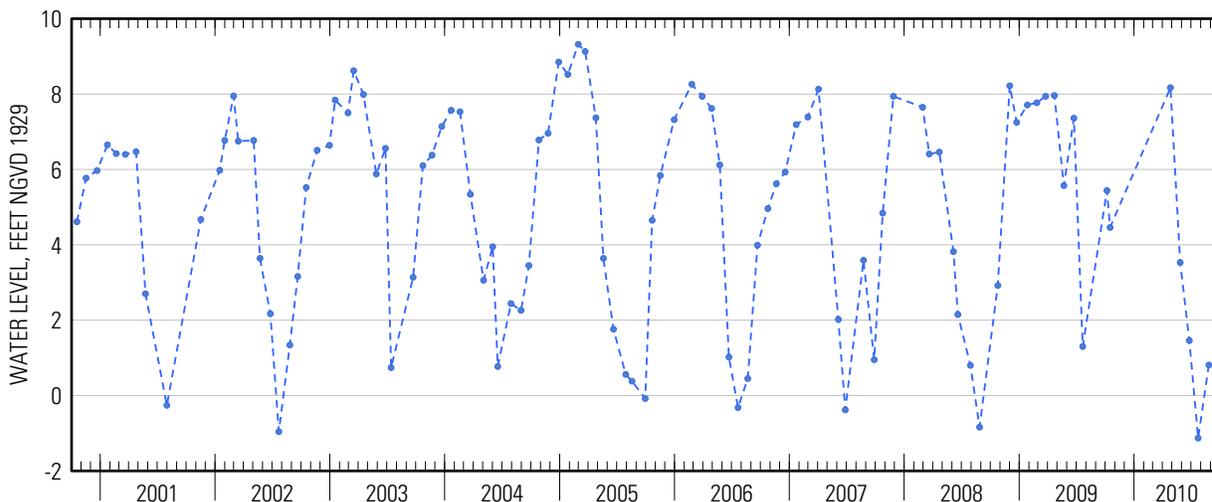
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.32 ft above sea level, February 28, 2005; lowest measured, 16.15 ft below sea level, July 29, 1954.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 6	5.44	Jun 25	1.46
16	4.46	Jul 23	-1.13
Apr 26	8.17	Aug 26	0.81
May 27	3.53		



Water-Data Report 2010

405012073293501 Local number N 11823. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°50'12.0", long 73°29'34.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030202, at Nassau County Recharge Basin #531, 87 ft south of Foxhunt Crescent South Road, southernmost well, Oyster Bay Cove.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 535 ft. Upper casing diameter 4 in; top of first opening 500 ft, bottom of last opening 525 ft.

DATUM.--Land-surface datum is 209 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.12 ft below land-surface datum.

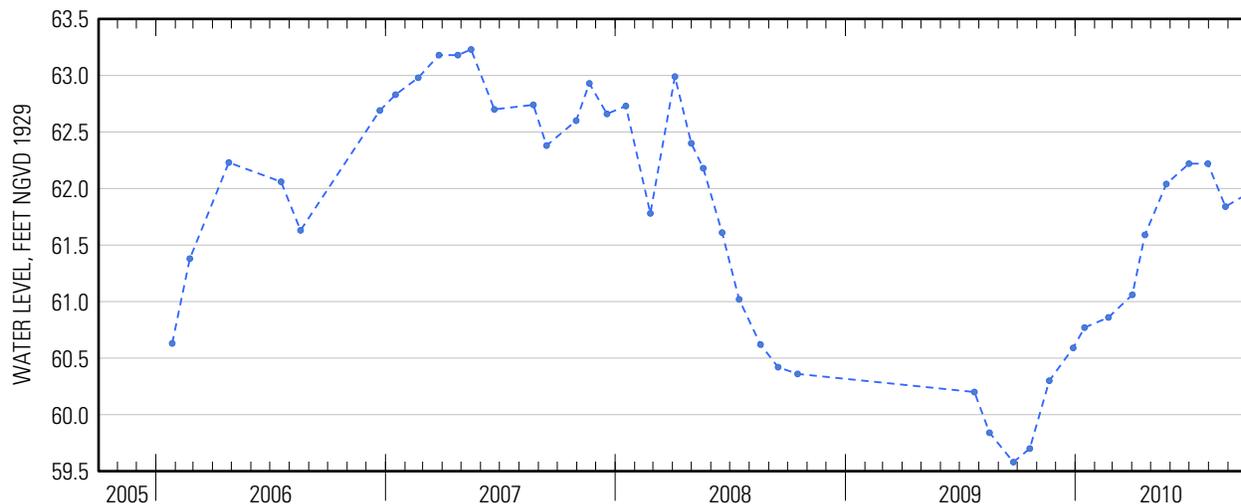
PERIOD OF RECORD.--February 1992 to September 1997 and January 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.23 ft above sea level, May 16, 2007; lowest measured, 54.35 ft above sea level, March 11, 1997.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	59.70	Apr 21	61.59
Nov 20	60.30	May 25	62.04
Dec 28	60.59	Jun 30	62.22
Jan 15	60.77	Jul 30	62.22
Feb 22	60.86	Aug 27	61.84
Apr 1	61.06	Sep 30	61.95



405030073282101 Local number N 12075. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°50'30.3", long 73°28'18.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 855 ft. Upper casing diameter 4 in; top of first opening 830 ft, bottom of last opening 850 ft.

DATUM.--Land-surface datum is 198 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.83 ft below land-surface datum.

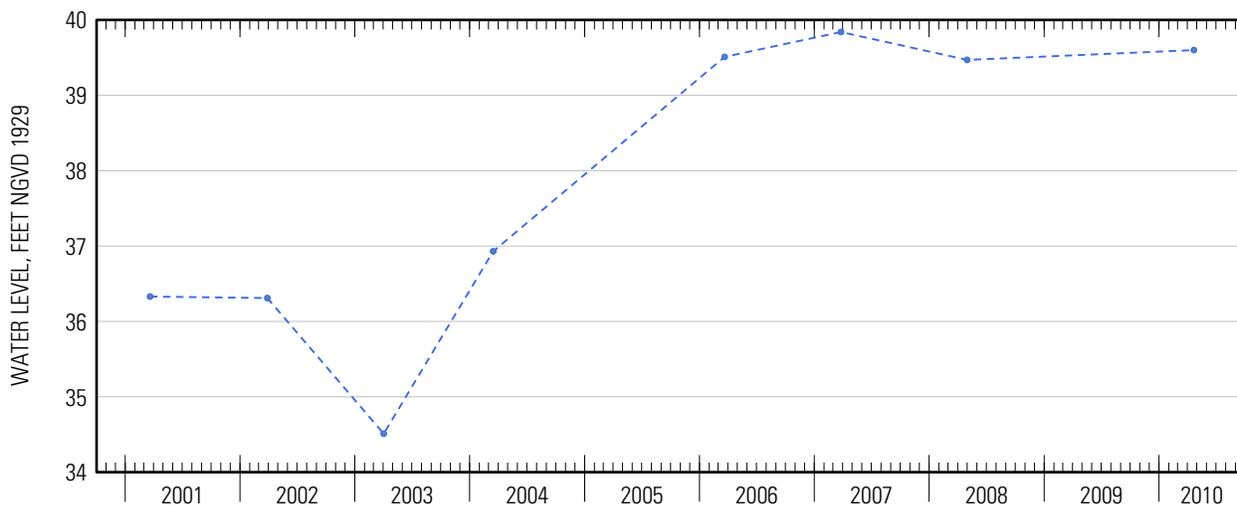
PERIOD OF RECORD.--April 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.84 ft above sea level, March 26, 2007; lowest measured, 33.81 ft above sea level, September 11, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	39.60



Water-Data Report 2010

405036073412402 Local number N 12241. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°50'37.0", long 73°41'22.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at Village Club Golf Course, east side of Middle Neck Road near exit gate, Sands Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 122 ft. Upper casing diameter 4 in; top of first opening 97 ft, bottom of last opening 117 ft.

DATUM.--Land-surface datum is 53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.67 ft below land-surface datum.

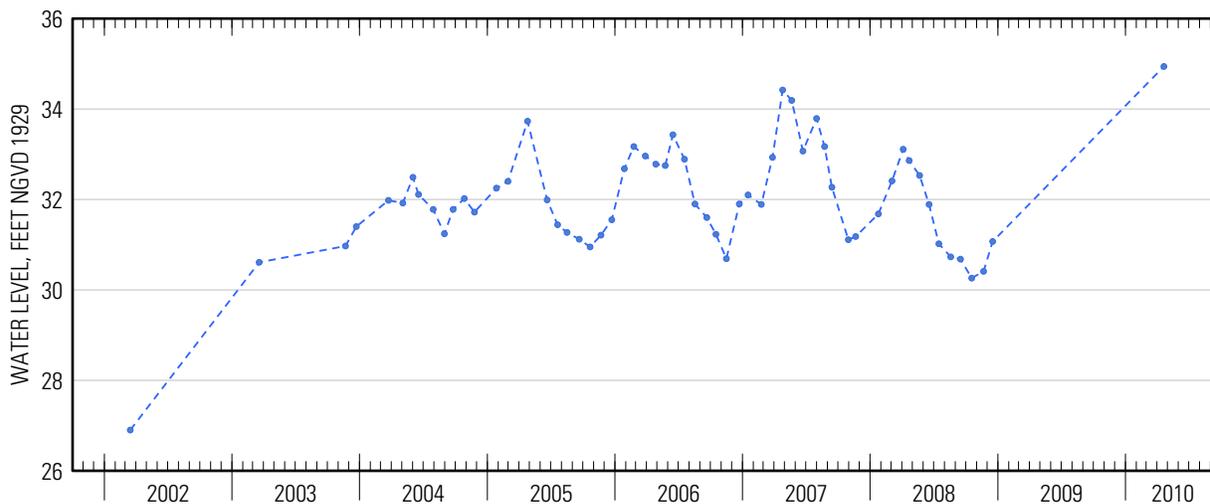
PERIOD OF RECORD.--June 1993 to March 1997 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.94 ft above sea level, April 20, 2010; lowest measured, 26.90 ft above sea level, March 15, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	34.94





Water-Data Report 2010

405036073412403 Local number N 12240. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°50'37.0", long 73°41'22.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at Village Club Golf Course, east side of Middle Neck Road near exit gate, Sands Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 65 ft. Upper casing diameter 2 in; top of first opening 50 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.57 ft below land-surface datum.

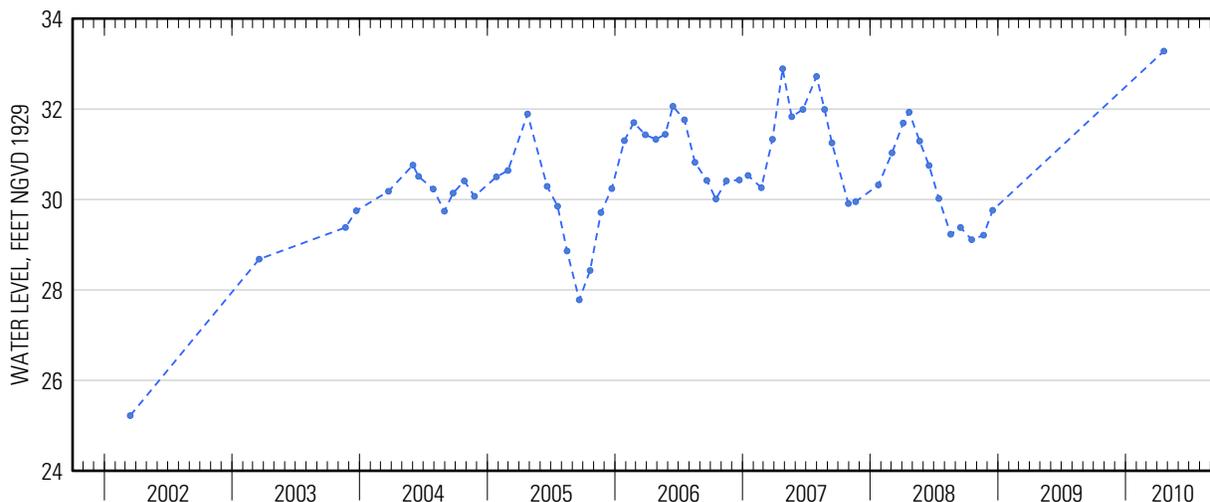
PERIOD OF RECORD.--June 1993 to March 1998 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.28 ft above sea level, April 20, 2010; lowest measured, 25.22 ft above sea level, March 15, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	33.28



Water-Data Report 2010

405048073404302 Local number N 1118. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°50'47.6", long 73°40'41.2" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 82 ft. Upper casing diameter 4 in; top of first opening 74 ft, bottom of last opening 82 ft.

DATUM.--Land-surface datum is 147 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

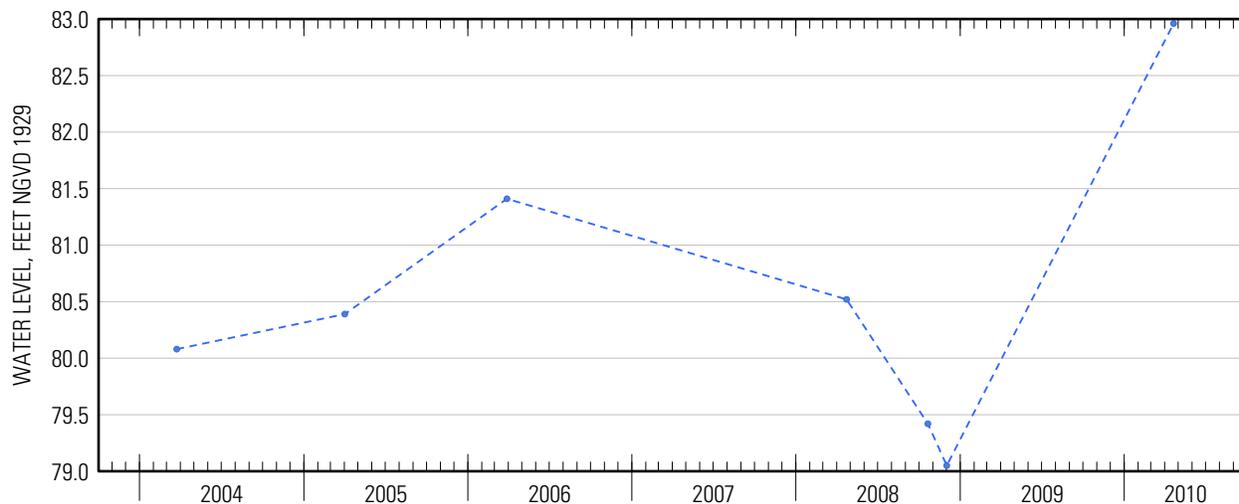
PERIOD OF RECORD.--July 1961 to April 1983, March 2004 to March 2006, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.41 ft above sea level, March 16, 1976; lowest measured, 72.17 ft above sea level, December 20, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	82.96





Water-Data Report 2010

405048073431401 Local number N 12190. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°50'48.4", long 73°43'12.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at north side of Barkers Point Road, just east of Messenger Lane, at Nassau County Recharge Basin #366, Sands Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 245 ft. Upper casing diameter 4 in; top of first opening 215 ft, bottom of last opening 235 ft.

DATUM.--Land-surface datum is 53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.87 ft below land-surface datum.

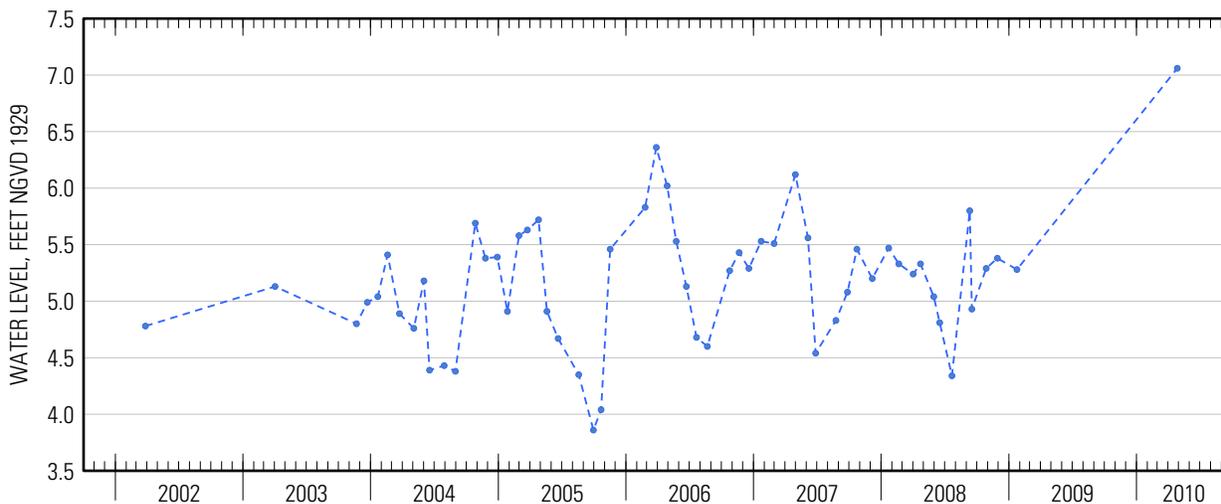
PERIOD OF RECORD.--June 1993 to December 1996 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.06 ft above sea level, April 27, 2010; lowest measured, 3.34 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 27	7.06



Water-Data Report 2010

405055073430701 Local number N 8891. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°50'47.1", long 73°43'12.3" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at north side of Barkers Point Road, east of Messenger Lane, Sands Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 72 ft. Upper casing diameter 4 in; top of first opening 67 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.04 ft above land-surface datum.

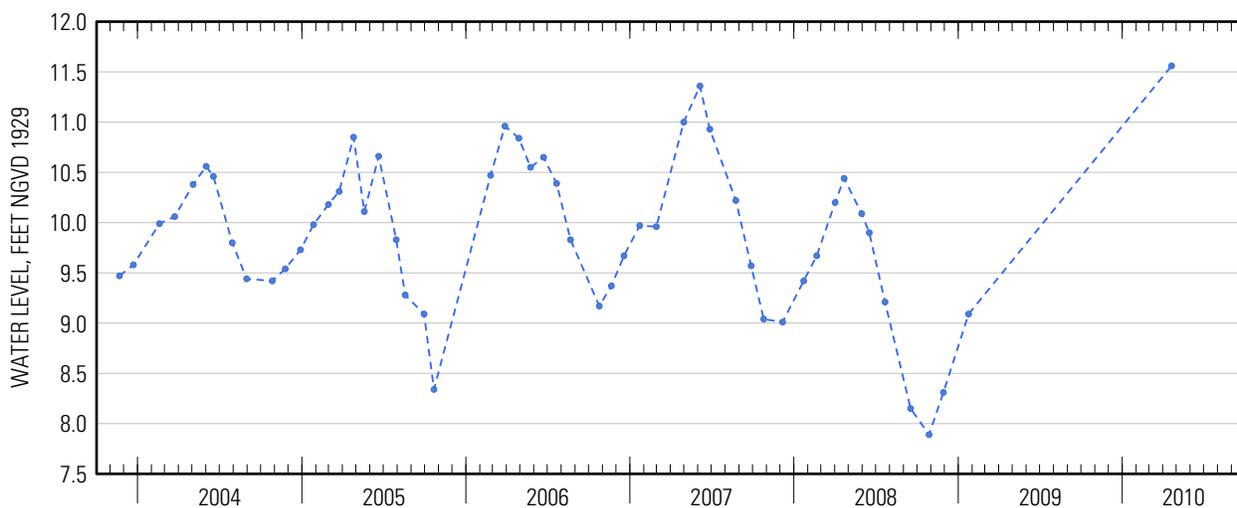
PERIOD OF RECORD.--November 1972 to April 1983, March 1990 to March 1998, and March 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.12 ft above sea level, June 13, 1973; lowest measured, 6.76 ft above sea level, August 31, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 20	11.56



Water-Data Report 2010

405057073325102 Local number N 10606. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°50'55.8", long 73°32'48.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 86 ft. Upper casing diameter 4 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft below land-surface datum.

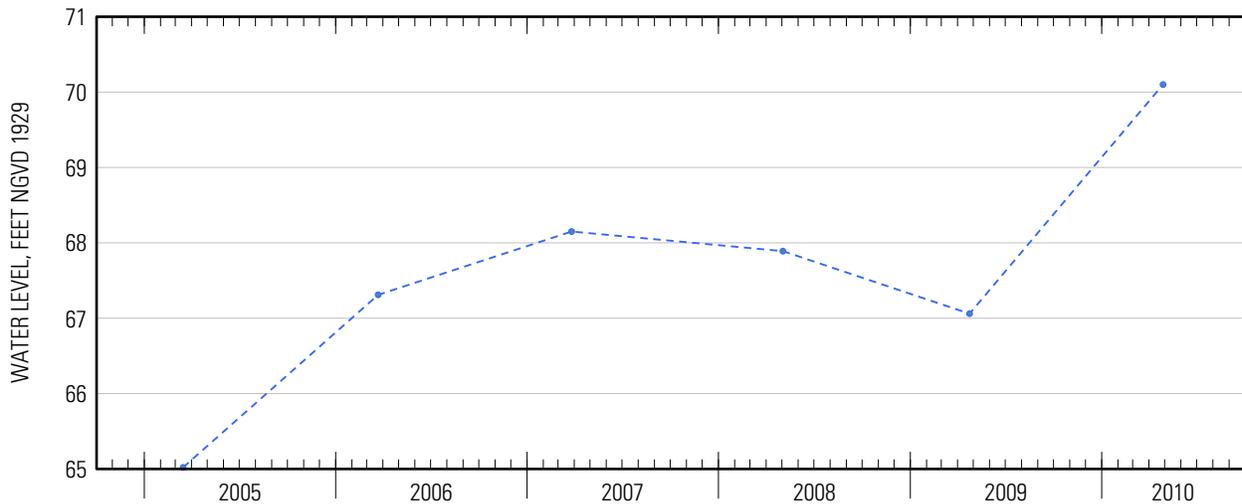
PERIOD OF RECORD.--March 1990 to March 1998 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 70.13 ft above sea level, March 20, 1991; lowest measured, 61.76 ft above sea level, December 7, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 27	70.10



Water-Data Report 2010

405101073343401 Local number N 2528. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Nassau County, NY

LOCATION.--Lat 40°51'01.0", long 73°34'32.6" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at south side of Chicken Valley Road, 83 ft west of Wolver Hollow Road, easternmost well, Upper Brookville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 328 ft. Upper casing diameter 6 in; top of first opening 278 ft, bottom of last opening 282 ft.

DATUM.--Land-surface datum is 93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4-in steel plug, 0.86 ft above land-surface datum.

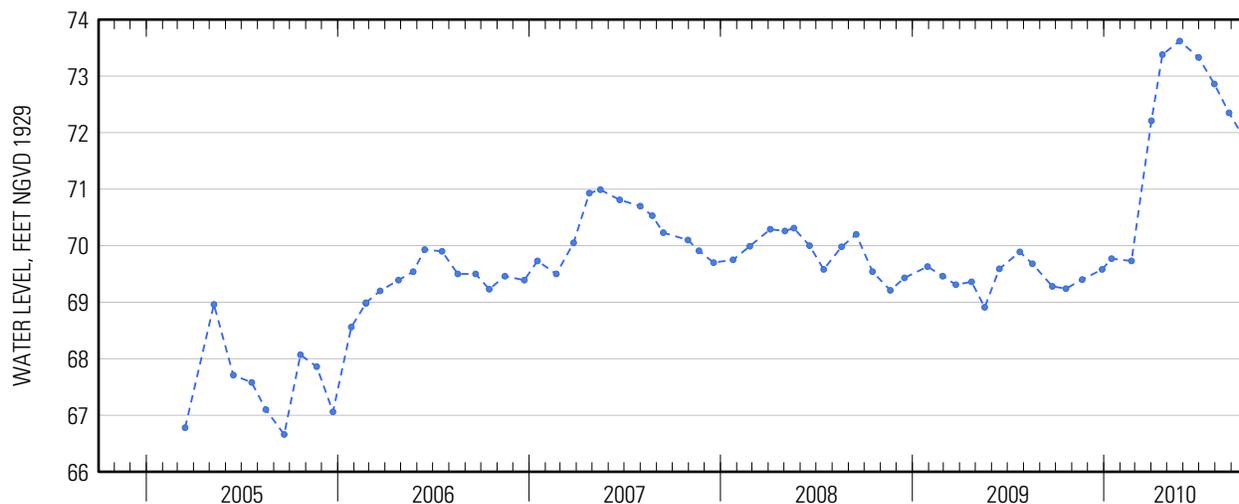
PERIOD OF RECORD.--February 1953 to April 2002 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 79.92 ft above sea level, July 25, 1957; lowest measured, 59.12 ft above sea level, February 24, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	69.24	Apr 22	73.38
Nov 20	69.4	May 25	73.62
Dec 28	69.58	Jun 30	73.33
Jan 15	69.77	Jul 30	72.86
Feb 22	69.73	Aug 27	72.35
Apr 1	72.21	Sep 30	71.82



Water-Data Report 2010

405104073375201 Local number N 1152. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°51'03.8", long 73°37'50.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 130 ft. Upper casing diameter 4 in; top of first opening 125 ft, bottom of last opening 130 ft.

DATUM.--Land-surface datum is 154 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.15 ft below land-surface datum.

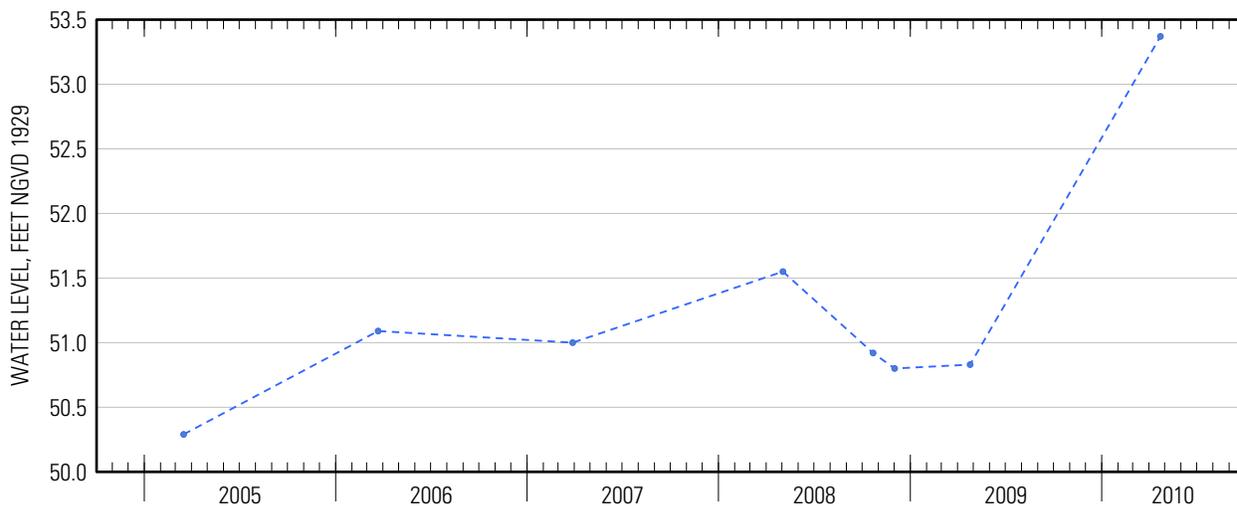
PERIOD OF RECORD.--August 1940 to December 1998 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.37 ft above sea level, April 22, 2010; lowest measured, 42.85 ft above sea level, December 20, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 22	53.37



405121073432101 Local number N 12318. 1

Northern Atlantic Coastal Plain aquifer system
North Shore Aquifer

Nassau County, NY

LOCATION.--Lat 40°51'21.1", long 73°43'18.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at west side of Old Sands Point Road, Sands Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 195 ft. Upper casing diameter 4 in; top of first opening 145 ft, bottom of last opening 165 ft.

DATUM.--Land-surface datum is 9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

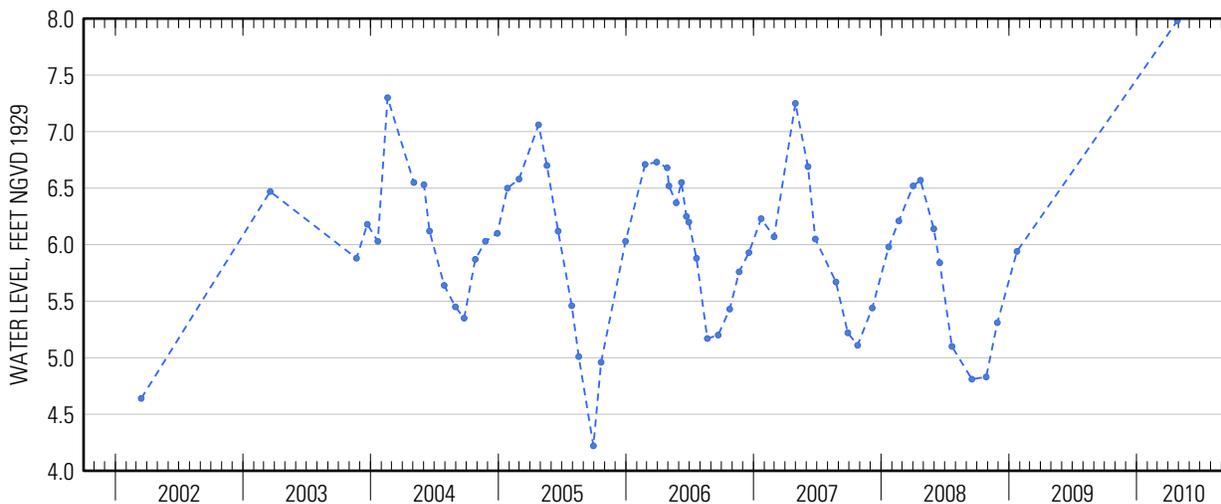
PERIOD OF RECORD.--March 1994 to March 1997 and March 2002 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.98 ft above sea level, April 27, 2010; lowest measured, 3.94 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 27	7.98



Water-Data Report 2010

405122073360601 Local number N 11279. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°51'23.0", long 73°36'05.8" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at east side of Lawrence Lane, 95 ft north of Bryant Road, Glen Cove.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 500 ft. Upper casing diameter 4 in; top of first opening 475 ft, bottom of last opening 495 ft.

DATUM.--Land-surface datum is 131 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.29 ft below land-surface datum.

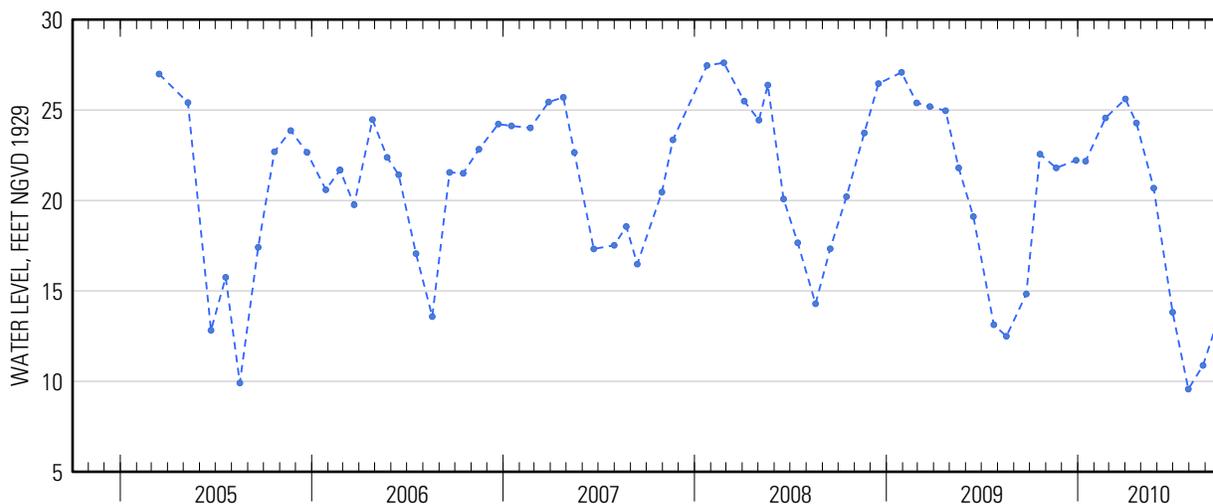
PERIOD OF RECORD.--March 1991 to March 1998 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.48 ft above sea level, March 20, 1990; lowest measured, 9.57 ft above sea level, July 30, 2010.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 20	22.56	Apr 22	24.28
Nov 20	21.80	May 25	20.68
Dec 28	22.22	Jun 30	13.82
Jan 15	22.17	Jul 30	9.57
Feb 22	24.56	Aug 27	10.88
Apr 1	25.61	Sep 30	13.88



405125073420705 Local number N 6342. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°51'24.8", long 73°42'05.3" referenced to North American Datum of 1983, Nassau County, NY, 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.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 185 ft. Upper casing diameter 1.25 in; top of first opening 183 ft, bottom of last opening 185 ft.

DATUM.--Land-surface datum is 97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.99 ft above land-surface datum.

PERIOD OF RECORD.--August 1957 to January 2000 and January 2002 to current year. Unpublished records for August 1957 to September 1987 are available in the files of the U.S. Geological Survey.

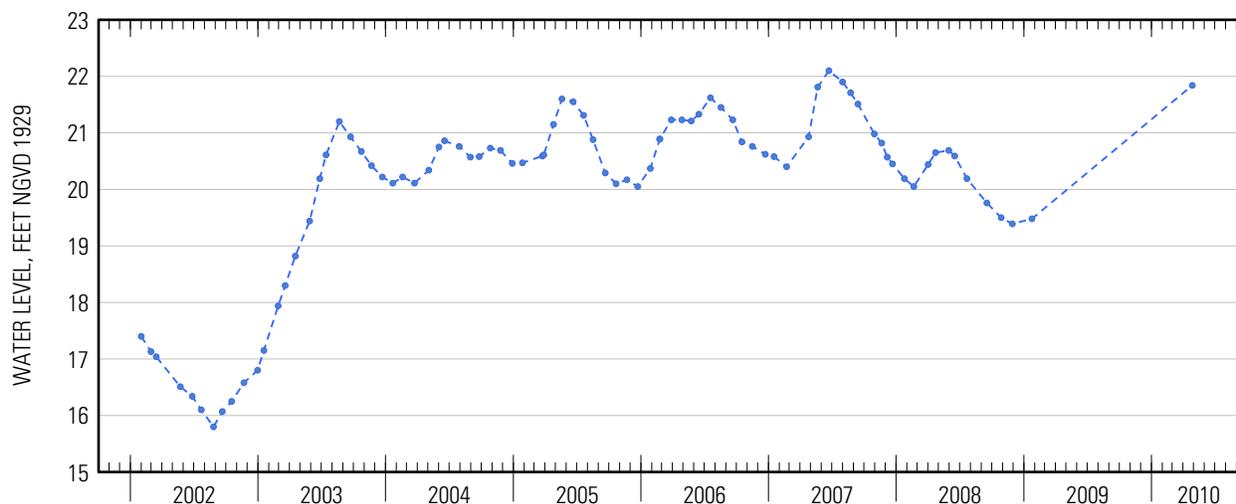
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

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 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 27	21.84



Water-Data Report 2010

405126073275603 Local number N 9152. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°51'25.5", long 73°27'54.4" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 58 ft. Upper casing diameter 4 in; top of first opening 53 ft, bottom of last opening 58 ft.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.32 ft below land-surface datum.

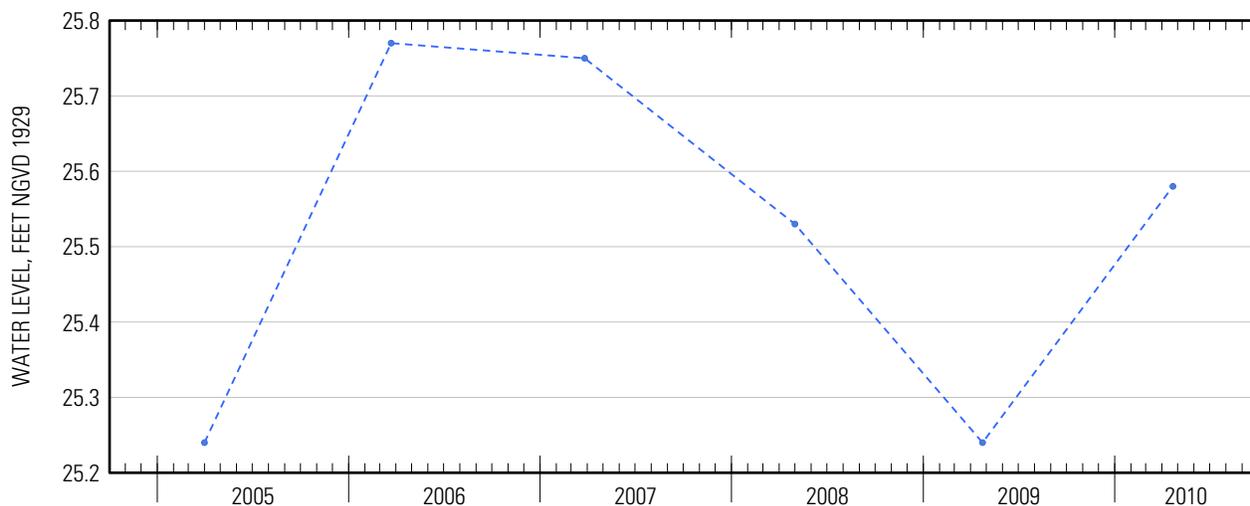
PERIOD OF RECORD.--March 1990 to September 2007 and March 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.77 ft above sea level, March 22, 2006; lowest measured, 23.58 ft above sea level, December 7, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 21	25.58



Water-Data Report 2010

405245073374801 Local number N 5250. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Nassau County, NY

LOCATION.--Lat 40°52'45", long 73°37'48" referenced to North American Datum of 1927, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 101 ft. Upper casing diameter 1.25 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 123 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.37 ft below land-surface datum.

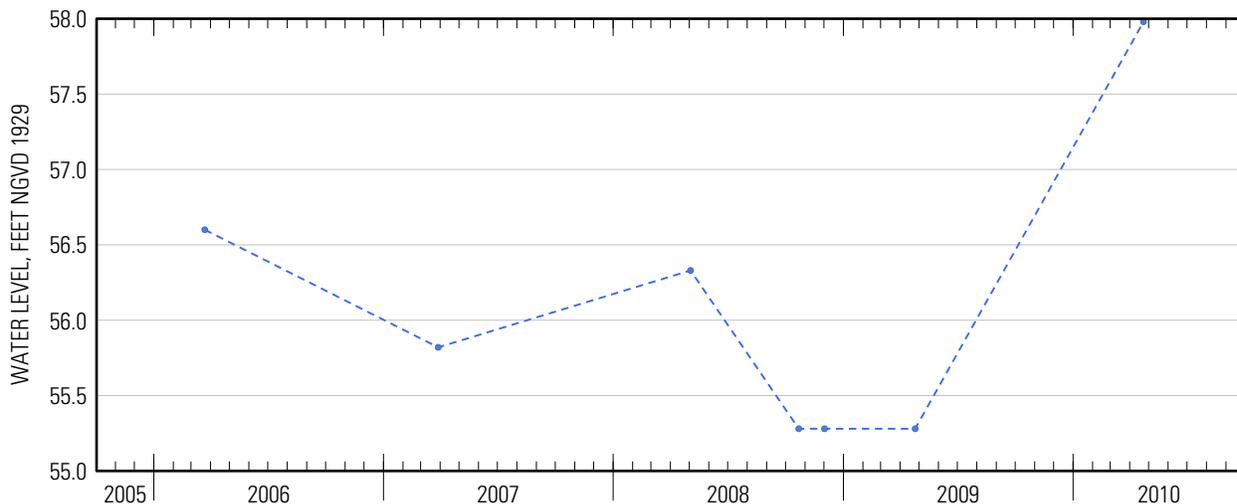
PERIOD OF RECORD.--January 1967 to May 1984, March 1990 to September 1997, and March 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.98 ft above sea level, April 22, 2010; lowest measured, 42.84 ft above sea level, January 24, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 22	57.98



Water-Data Report 2010

405307073354602 Local number N 12646. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°53'06.7", long 73°35'43.7" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 540 ft. Upper casing diameter 4 in; top of first opening 500 ft, bottom of last opening 520 ft.

DATUM.--Land-surface datum is 89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft below land-surface datum.

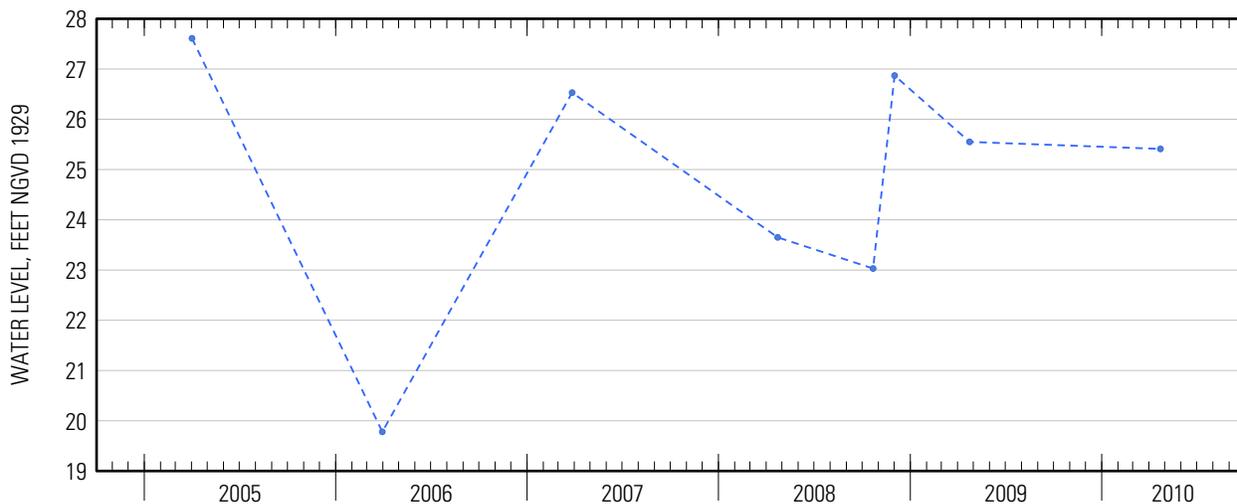
PERIOD OF RECORD.--March 1996 to March 1998 and April 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.61 ft above sea level, April 1, 2005; lowest measured, 14.33 ft above sea level, September 11, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 22	25.41



405312073300103 Local number N 12733. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°53'12.9", long 73°29'58.5" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 708 ft. Upper casing diameter 4 in; top of first opening 683 ft, bottom of last opening 703 ft.

DATUM.--Land-surface datum is 155 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.53 ft below land-surface datum.

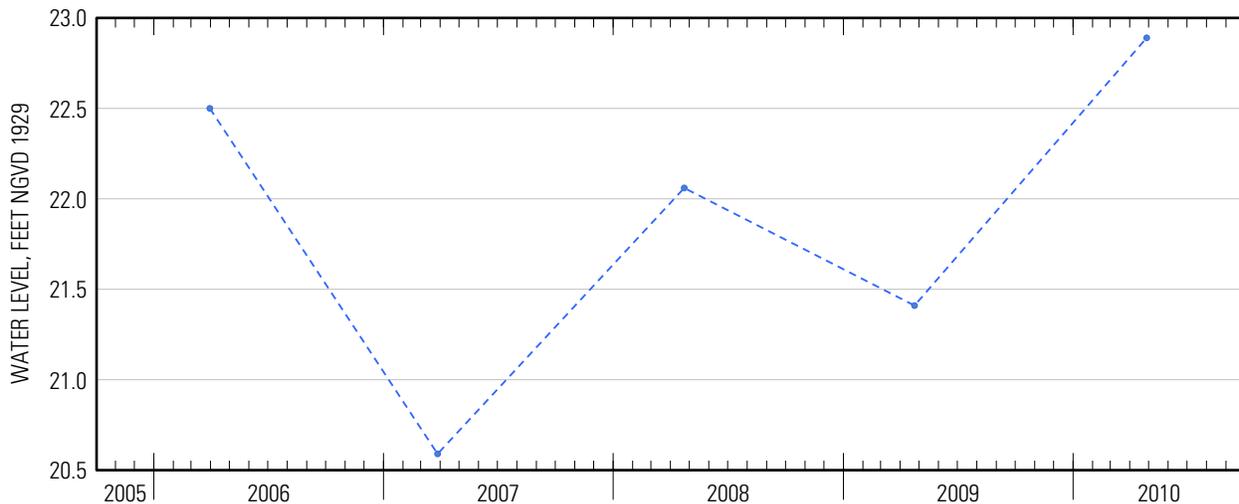
PERIOD OF RECORD.--December 1996 to December 1998 and March 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.89 ft above sea level, April 27, 2010; lowest measured, 19.11 ft above sea level, August 19, 1997.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level
Apr 27	22.89



Water-Data Report 2010

405432073345001 Local number N 7152. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Nassau County, NY

LOCATION.--Lat 40°54'33.4", long 73°34'44.9" referenced to North American Datum of 1983, Nassau County, NY, Hydrologic Unit 02030201, at southeast side of Oak Neck Beach, 5 ft north of fence line along north side of Bayville Avenue, Bayville.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 370 ft. Upper casing diameter 6 in; top of first opening 360 ft, bottom of last opening 370 ft.

DATUM.--Land-surface datum is 14.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.64 ft above land-surface datum.

PERIOD OF RECORD.--September 1961 to December 1961, December 1964, March 1966, January 1968 to December 1998, and June 2005 to current year.

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

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.74 ft above sea level, February 5, 1962; lowest measured, 5.50 ft below sea level, June 27, 1983.

**WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Date	Water level	Date	Water level
Oct 16	6.88	Jun 25	-0.17
Apr 27	7.58	Jul 23	-4.47
May 27	4.39	Aug 26	-1.58

