Water-Data Report 2007

404451073475003 Local number Q 283. 2

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°44′50″, long 73°47′50″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at City of New York storage facility, 50 ft south of Underhill Avenue, west of Fresh Meadow Lane, easternmost well, Flushing.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 409 ft. Upper casing diameter 12 in; top of first opening 309 ft, bottom of last opening 409 ft.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in welded steel plate, 0.37 ft above land-surface datum.

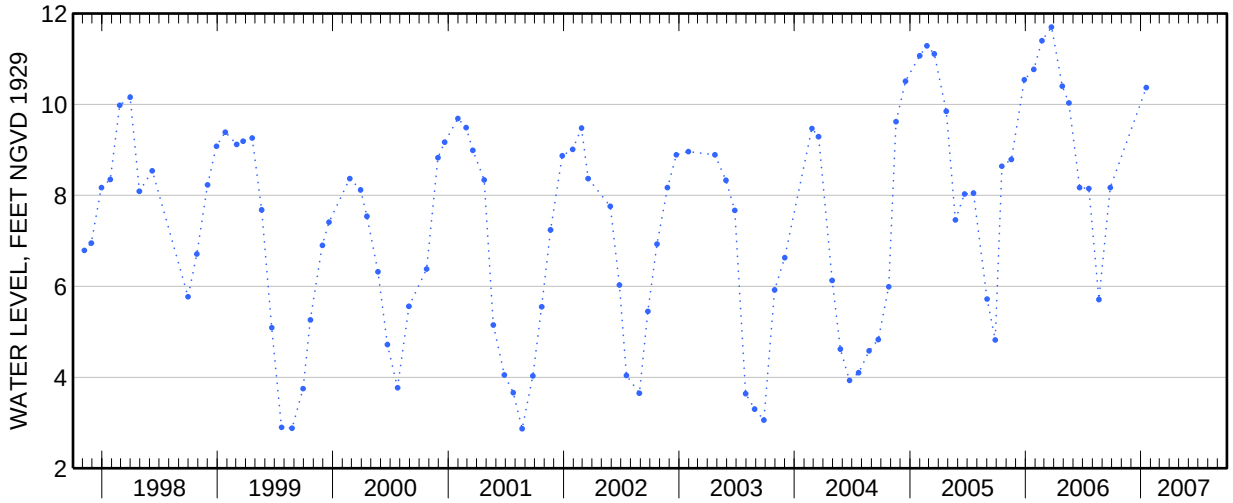
PERIOD OF RECORD.--June 1946 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.70 ft above sea level, March 24, 2006; lowest measured, 27.40 ft below sea level, September 14, 1976.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Jan 18	10.37



Water-Data Report 2007

403624073491601 Local number Q 287. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°36′24″, long 73°49′16″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at Broad Channel School, west side of Shad Creek Road, 131 ft south of 9th Road, Broad Channel.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 725 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 8.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel reducer, 0.52 ft below land-surface datum.

PERIOD OF RECORD.--January 1944 to current year. Unpublished records from January 1944 to September 1987 are available in files of the Geological Survey.

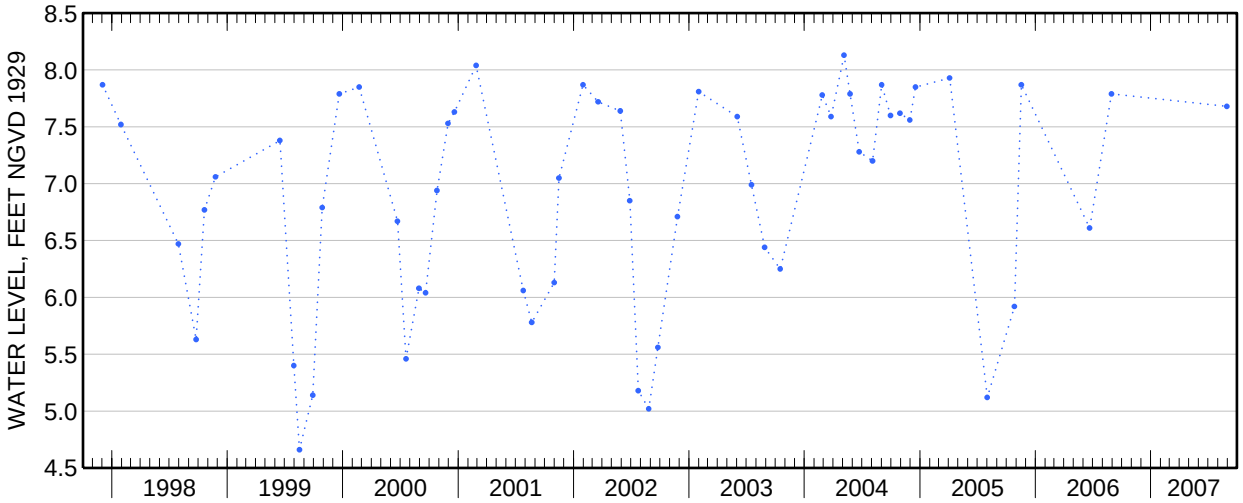
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.79 ft above sea level, January 1, 1945; lowest measured, 0.96 ft below sea level, September 5, 1969.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Aug 29	7.68



404418073434101 Local number Q 577. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°44′18″, long 73°43′41″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at Creedmoor State Hospital, near the intersection of Hillside Avenue and Cross Island Parkway, in recorder shelter, Bellerose.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 640 ft. Upper casing diameter 12 in; top of first opening 600 ft, bottom of last opening 640 ft.

DATUM.--Land-surface datum is 113.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.22 ft above land-surface datum.

PERIOD OF RECORD.--February 1946 to current year. Unpublished records from February 1946 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.--Water level affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.34 ft above sea level, January 14, 1992; lowest recorded, 18.66 ft below sea level, July 30, 1954.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 13.52 ft above sea level, May 5; lowest recorded, 0.44 ft above sea level, June 27 and 28.

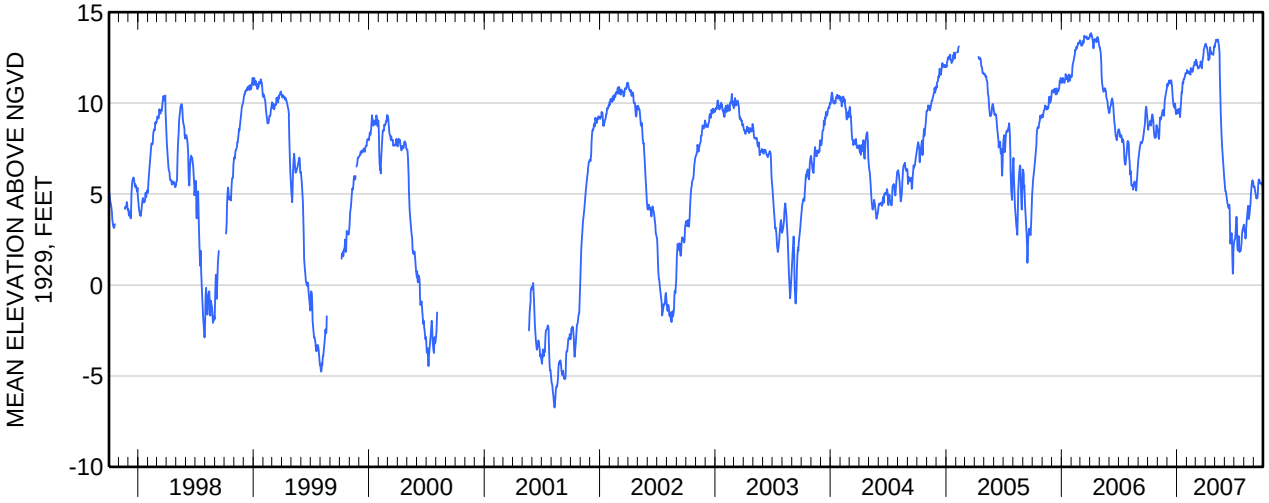
404418073434101 Local number Q 577. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.85	8.53	11.04	9.62	11.67	12.09	13.19	13.07	5.59	2.39	3.32	5.41
2	8.53	8.46	10.97	9.55	11.82	12.38	13.26	13.27	5.38	2.46	3.16	5.37
3	8.73	8.35	10.92	9.45	11.76	12.35	13.11	13.29	5.16	2.50	2.92	5.42
4	8.78	8.08	11.08	9.50	11.70	12.29	13.12	13.38	5.17	2.53	2.94	5.39
5	8.78	8.02	11.05	9.60	11.65	12.25	13.13	13.48	5.13	2.70	3.03	5.25
6	8.82	8.17	11.08	9.67	11.65	12.04	13.03	13.43	5.00	3.02	2.55	5.11
7	8.85	8.65	11.24	9.44	11.72	12.02	12.99	13.44	4.81	3.41	2.76	5.04
8	8.94	9.07	11.17	9.68	11.73	12.01	12.87	13.41	4.75	3.75	3.18	4.93
9	9.03	9.21	11.12	9.61	11.72	11.89	12.76	13.40	4.65	3.73	3.32	4.81
10	8.93	9.09	11.16	9.45	11.68	11.96	12.58	13.46	4.50	3.32	3.52	4.75
11	8.76	9.11	11.13	9.23	11.59	11.98	12.35	13.49	4.42	2.19	3.70	4.81
12	8.88	9.17	11.07	9.44	11.59	11.94	12.47	13.40	4.35	1.92	3.97	4.78
13	9.00	9.26	11.22	9.77	11.56	11.99	12.48	13.25	4.27	1.90	4.25	4.79
14	9.29	9.38	11.26	10.03	11.93	12.06	12.44	13.06	4.23	2.34	4.35	5.01
15	9.38	9.39	11.18	10.37	11.86	12.05	12.71	13.04	4.33	2.69	4.35	5.41
16	9.37	9.52	10.97	10.61	11.85	12.06	13.07	12.75	4.41	2.34	3.63	5.64
17	9.19	9.61	10.73	10.56	11.82	12.29	12.91	11.58	4.22	1.91	3.75	5.81
18	9.14	9.51	10.52	10.76	11.85	12.16	12.84	10.55	3.14	1.81	3.85	5.79
19	8.79	9.47	10.26	11.14	11.71	12.05	12.80	9.89	2.27	1.95	3.99	5.76
20	8.61	9.35	10.05	11.15	11.79	12.06	12.74	9.40	2.31	1.97	4.12	5.70
21	8.29	9.30	9.94	11.07	11.80	11.91	12.71	8.82	2.66	1.86	4.30	5.60
22	8.14	9.58	9.81	11.27	11.95	12.18	12.67	8.32	2.80	1.92	4.54	5.57
23	8.08	9.96	9.97	11.33	12.04	12.32	12.71	7.97	2.85	1.99	4.83	5.57
24	8.08	10.19	9.82	11.31	12.07	12.35	12.72	7.64	2.81	2.33	5.17	5.58
25	8.25	10.25	9.73	11.41	12.10	12.48	12.67	7.29	1.93	2.35	5.47	5.61
26	8.33	10.40	9.97	11.43	12.25	12.67	12.65	7.03	1.15	2.64	5.61	5.61
27	8.13	10.54	9.77	11.52	12.19	12.94	12.82	6.78	0.62	2.96	5.70	5.58
28	8.76	10.59	9.53	11.64	12.13	12.98	13.00	6.57	1.01	3.08	5.75	5.56
29	8.79	10.64	9.40	11.61	---	13.01	13.10	6.29	1.90	3.09	5.73	5.38
30	8.64	10.79	9.42	11.63	---	13.13	13.15	6.05	2.21	3.16	5.68	5.29
31	8.63	---	9.40	11.65	---	13.15	---	5.80	---	3.26	5.58	---
Mean	8.73	9.39	10.52	10.47	11.83	12.29	12.84	10.73	3.60	2.56	4.16	5.34
Max	9.38	10.79	11.26	11.65	12.25	13.15	13.26	13.49	5.59	3.75	5.75	5.81
Min	8.08	8.02	9.40	9.23	11.56	11.89	12.35	5.80	0.62	1.81	2.55	4.75
Med	8.78	9.37	10.92	10.56	11.80	12.16	12.81	12.75	4.25	2.46	3.99	5.41

	Calendar Year 2006	Water Year 2007
Mean	10.13	8.52
Max	13.84	13.49
Min	5.19	0.62
Med	9.94	9.40

404418073434101 Local number Q 577. 1—Continued



Water-Data Report 2007

403958073445801 Local number Q 1187. 1

Northern Atlantic Coastal Plain aquifer system
Jameco Aquifer

Queens County, NY

LOCATION.--Lat 40°39′58″, long 73°44′58″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at south side of North Conduit Avenue, 1,775 ft west of 225th Street, in ravine, westernmost well, Rosedale.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 130 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 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in steel cap, 4.71 ft above land-surface datum.

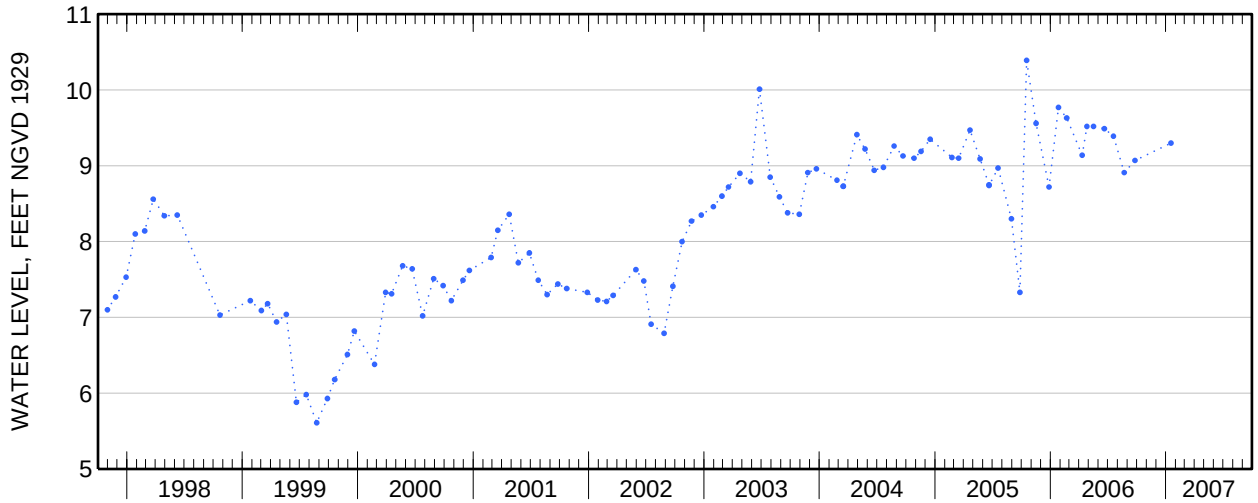
PERIOD OF RECORD.--November 1968 to current year. Unpublished records from November 1968 to September 1987 are available in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.39 ft above sea level, October 17, 2006; lowest measured, 2.26 ft above sea level, June 22, 1981.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Jan 17	9.30



Water-Data Report 2007

403958073445802 Local number Q 1189. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°39′58″, long 73°44′58″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at south side of North Conduit Avenue, 1,790 ft west of 225th Street, in ravine, easternmost well, Rosedale.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.76 ft above land-surface datum.

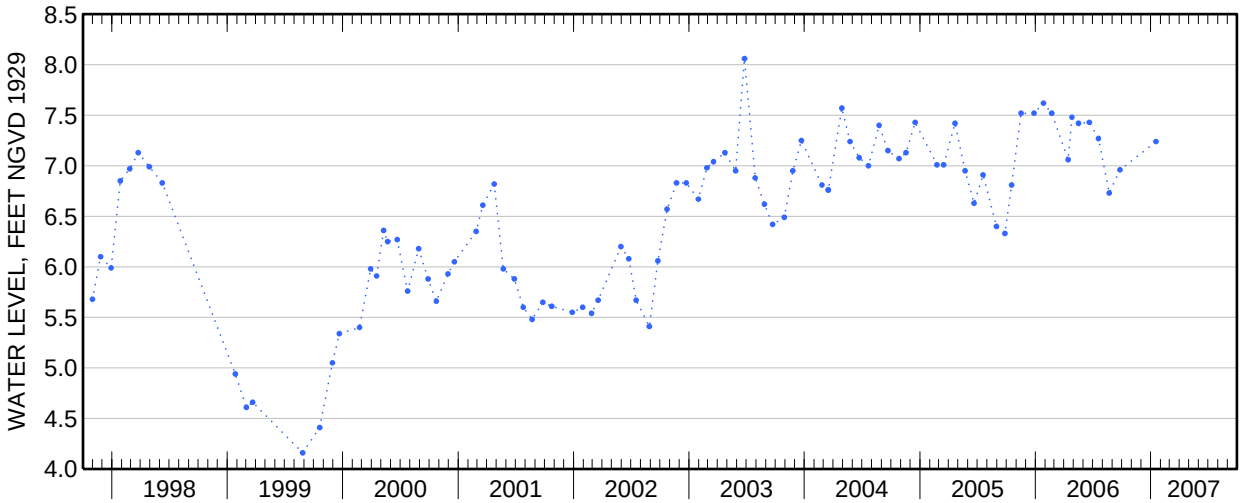
PERIOD OF RECORD.--November 1968 to current year. Unpublished records from November 1968 to September 1987 are available in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.06 ft above sea level, June 25, 2003; lowest measured, 1.86 ft above sea level, December 15, 1981.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Jan 17	7.24



Water-Data Report 2007

404241073443301 Local number Q 1249. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°42′41″, long 73°44′33″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at east side of 216th Street, 85 ft north of 106th Avenue, Queens Village.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 70 ft, bottom of last opening 75 ft.

DATUM.--Land-surface datum is 75.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.22 ft below land-surface datum.

PERIOD OF RECORD.--August 1999 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 Q1249.1 in August 1999 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 37.76 ft above sea level, September 11, 2007; lowest recorded, 21.19 ft above sea level, August 24, 1999.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 37.76 ft above sea level, September 11; lowest recorded, 34.91 ft above sea level, March 21.

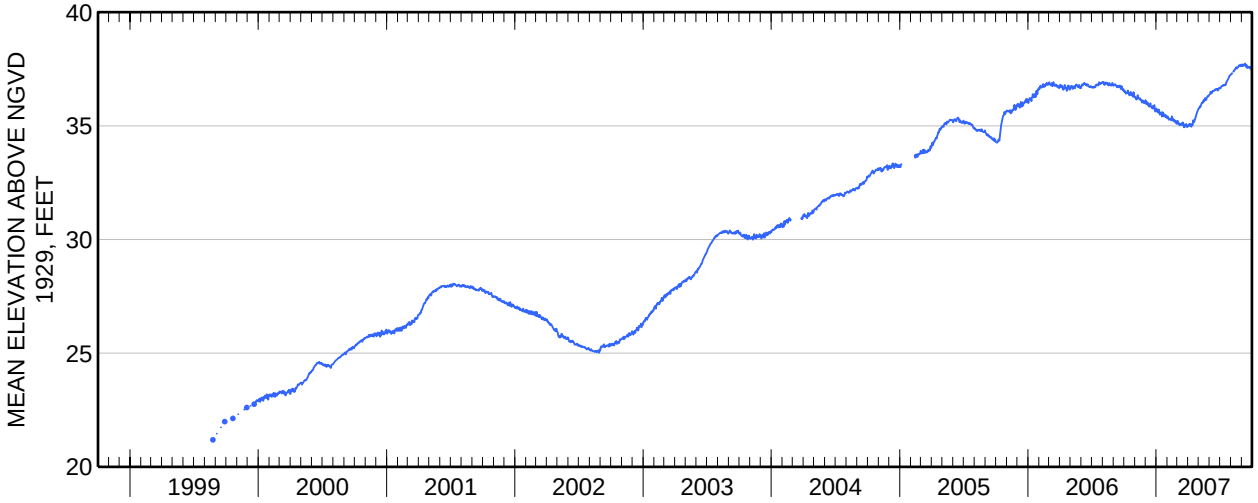
404241073443301 Local number Q 1249. 2—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	36.55	36.28	36.13	35.76	35.34	35.09	34.98	35.74	36.37	36.67	37.26	37.65
2	36.50	36.26	35.99	35.66	35.42	35.22	35.03	35.78	36.40	36.65	37.27	37.62
3	36.49	36.20	35.96	35.62	35.34	35.20	34.98	35.78	36.42	36.66	37.29	37.68
4	36.52	36.17	36.03	35.65	35.31	35.17	35.05	35.82	36.48	36.69	37.31	37.70
5	36.47	36.16	35.96	35.68	35.27	35.14	35.08	35.86	36.50	36.73	37.31	37.66
6	36.42	36.16	35.96	35.70	35.28	35.05	35.06	35.83	36.44	36.75	---	37.63
7	36.42	36.20	36.03	35.58	35.32	35.07	35.08	35.86	36.42	36.75	---	37.66
8	36.43	36.33	35.93	35.71	35.32	35.07	35.03	35.92	36.50	36.77	37.39	37.69
9	36.47	36.35	35.89	35.65	35.31	35.02	35.00	35.96	36.51	36.76	37.39	37.69
10	36.47	36.22	35.89	35.56	35.28	35.08	34.98	35.99	36.50	36.76	37.44	37.71
11	36.49	36.21	35.86	35.49	35.25	35.08	34.96	36.02	36.53	36.80	37.44	37.74
12	36.55	36.20	35.84	35.55	35.25	35.04	35.07	36.02	36.54	36.78	37.46	37.66
13	36.44	36.20	35.92	35.57	35.24	35.07	35.06	36.03	36.53	36.78	37.50	37.60
14	36.43	36.21	35.95	35.54	35.42	35.11	35.03	36.02	36.54	36.80	37.51	37.63
15	36.38	36.15	35.99	35.59	35.29	35.09	35.15	36.10	36.56	36.82	37.53	37.67
16	36.34	36.20	35.87	35.54	35.29	35.06	35.25	36.14	36.58	36.79	37.55	37.57
17	36.38	36.18	35.85	35.41	35.27	35.15	35.16	36.08	36.60	36.79	37.58	37.54
18	36.46	36.13	35.84	35.47	35.29	35.05	35.16	36.12	36.57	36.84	37.52	37.54
19	36.45	36.12	35.79	35.60	35.20	35.00	35.20	36.19	36.58	36.92	37.53	37.57
20	36.49	36.07	35.77	35.52	35.27	34.99	35.24	36.22	36.61	36.95	37.56	37.60
21	36.35	36.02	35.78	35.42	35.23	34.93	35.30	36.17	36.62	36.96	37.57	37.59
22	36.37	36.06	35.76	35.52	35.25	35.06	35.34	36.14	36.63	36.98	37.59	37.60
23	36.41	36.12	35.88	35.50	35.19	35.06	35.41	36.15	36.62	37.03	37.61	37.57
24	36.38	36.09	35.79	35.45	35.14	35.01	35.46	36.21	36.57	37.05	37.65	37.53
25	36.32	36.02	35.76	35.46	35.15	34.97	35.49	36.26	36.55	37.08	37.67	37.56
26	36.28	36.02	35.91	35.40	35.20	35.00	35.52	36.28	36.56	37.11	37.66	37.58
27	36.29	36.03	35.76	35.45	35.14	35.08	35.60	36.29	36.61	37.16	37.62	37.58
28	36.48	36.00	35.67	35.47	35.09	35.00	35.66	36.31	36.66	37.19	37.62	37.58
29	36.36	36.00	35.63	35.39	---	34.95	35.69	36.29	36.65	37.20	37.66	37.46
30	36.28	36.04	35.67	35.37	---	34.98	35.73	36.33	36.68	37.22	37.69	37.41
31	36.29	---	35.65	35.35	---	34.97	---	36.35	---	37.25	37.69	---
Mean	36.42	36.15	35.86	35.54	35.26	35.06	35.23	36.07	36.54	36.89	37.51	37.61
Max	36.55	36.35	36.13	35.76	35.42	35.22	35.73	36.35	36.68	37.25	37.69	37.74
Min	36.28	36.00	35.63	35.35	35.09	34.93	34.96	35.74	36.37	36.65	37.26	37.41
Med	36.43	36.16	35.87	35.54	35.27	35.06	35.15	36.10	36.55	36.80	37.53	37.60

	Calendar Year 2006	Water Year 2007
Mean	36.57	36.18
Max	36.93	37.74
Min	35.63	34.93
Med	36.71	36.14

404241073443301 Local number Q 1249. 2—Continued



Water-Data Report 2007

404547073524401 Local number Q 1326. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′47″, long 73°52′44″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at west side of 91st Street, 145 ft south of Astoria Boulevard, Jackson Heights.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 72 ft. Upper casing diameter 6 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in steel cap, 0.44 ft above land-surface datum.

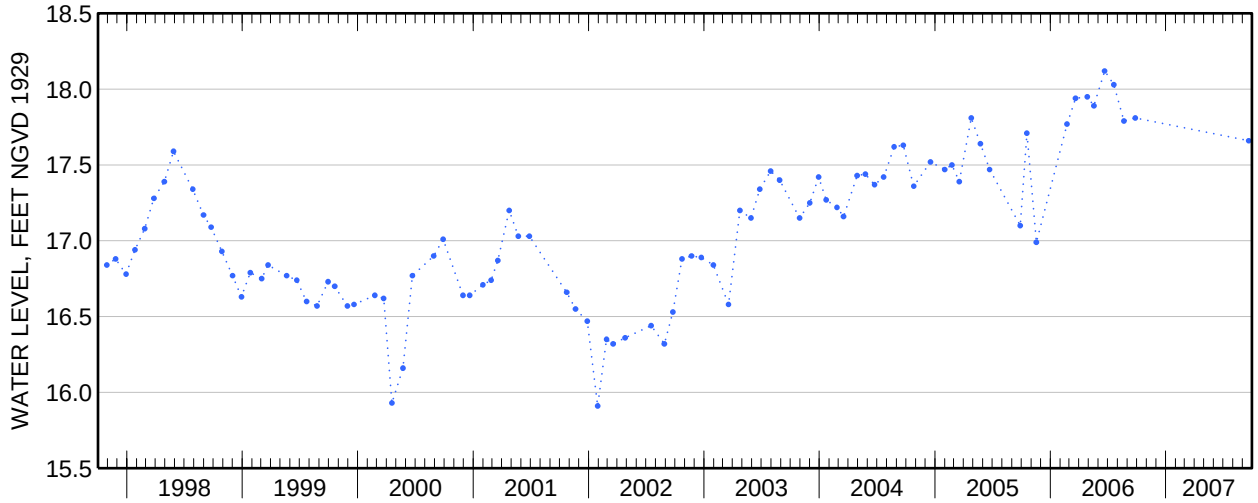
PERIOD OF RECORD.--July 1950 to March 1984 and June 1988 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.06 ft above sea level, March 22, 1983; lowest measured, 14.50 ft above sea level, April 19, 1966.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Sep 20	17.66



Water-Data Report 2007

404303073481601 Local number Q 1812. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Queens County, NY

LOCATION.--Lat 40°43′03″, long 73°48′16″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at west side of 164th Street, 670 ft south of Goethals Avenue, at Queens General Hospital, Jamaica.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 250 ft. Upper casing diameter 12 in; top of first opening 195 ft, bottom of last opening 245 ft.

DATUM.--Land-surface datum is 115.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.93 ft below land surface datum.

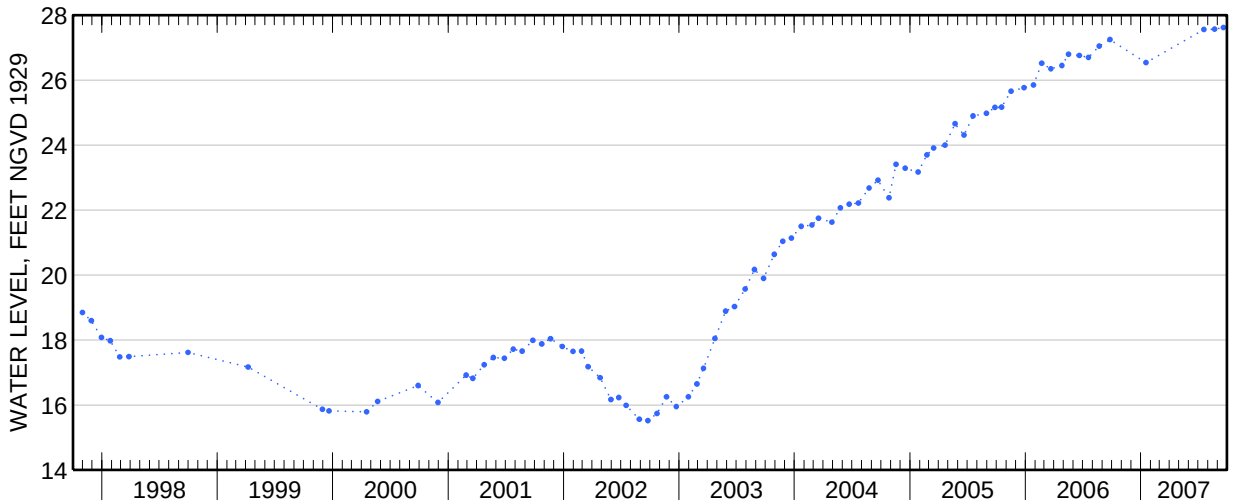
PERIOD OF RECORD.--January 1982 to current year. Unpublished records from January 1982 to September 1987 are available in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.62 ft above sea level, September 19, 2007; lowest measured, 12.80 ft below sea level, December 17, 1984.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	26.54	Aug 22	27.57
Jul 19	27.56	Sep 19	27.62



Water-Data Report 2007

403957073495001 Local number Q 2324. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°39′57″, long 73°49′50″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at north side of North Conduit Avenue, 66 ft east of entrance to Aqueduct Race Track, South Ozone Park.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 91 ft. Upper casing diameter 2.5 in; top of first opening 22 ft, bottom of last opening 91 ft.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.04 ft above land-surface datum.

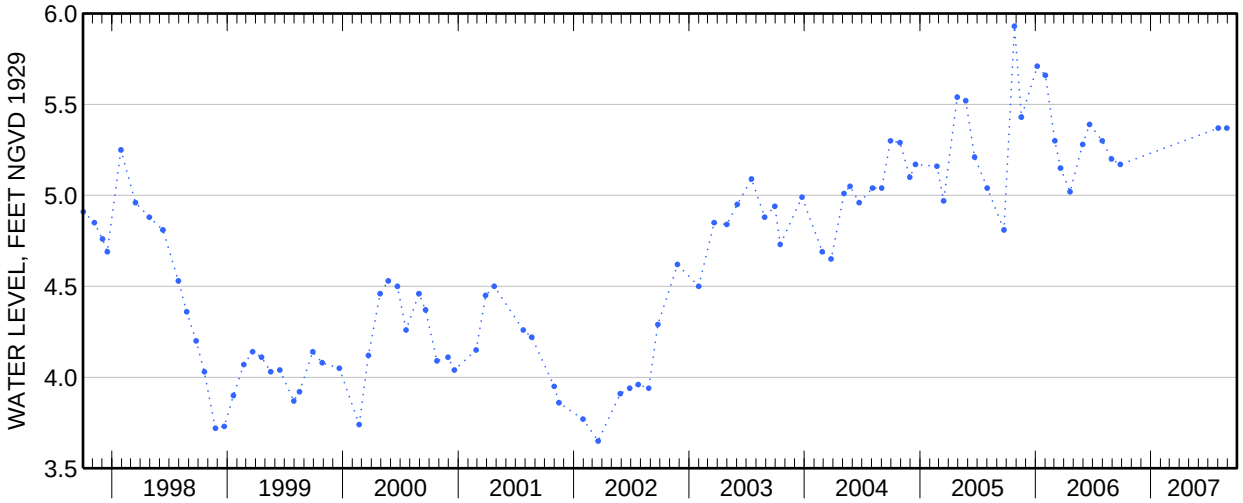
PERIOD OF RECORD.--March 1959 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.93 ft above sea level, October 26, 2006; lowest measured, 3.40 ft below sea level, May 25, 1959.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Aug 2	5.37	Aug 29	5.37



Water-Data Report 2007

404025073463801 Local number Q 2422. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Queens County, NY

LOCATION.--Lat 40°40′25″, long 73°46′38″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at south side of 132nd Street, 140 ft west of Guy R. Brewer Boulevard, in pumping station, Springfield Gardens.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 370 ft. Upper casing diameter 8 in; top of first opening 342 ft, bottom of last opening 362 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.21 ft above land-surface datum.

PERIOD OF RECORD.--March 1969 to September 1995 and September 1997 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 nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.95 ft above sea level, February 5, 2006; lowest recorded, 5.65 ft below sea level, September 9, 1983.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 7.09 ft above sea level, October 9; lowest recorded, 6.48 ft above sea level, September 26.

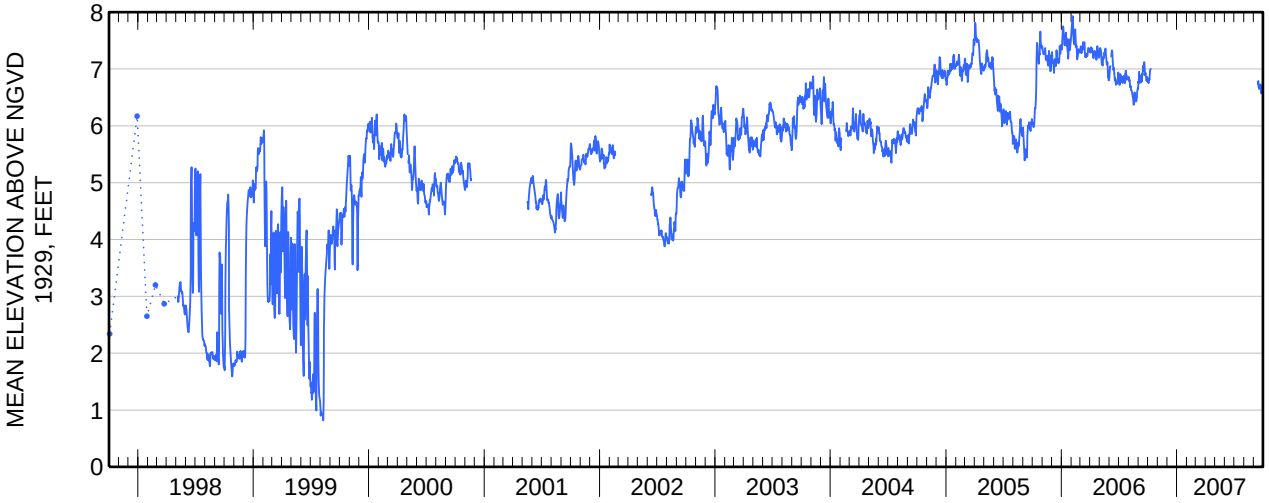
404025073463801 Local number Q 2422. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	6.81	---	---	---	---	---	---	---	---	---	---	---
2	6.78	---	---	---	---	---	---	---	---	---	---	---
3	6.75	---	---	---	---	---	---	---	---	---	---	---
4	6.80	---	---	---	---	---	---	---	---	---	---	---
5	6.83	---	---	---	---	---	---	---	---	---	---	---
6	6.81	---	---	---	---	---	---	---	---	---	---	---
7	6.91	---	---	---	---	---	---	---	---	---	---	---
8	6.98	---	---	---	---	---	---	---	---	---	---	---
9	6.99	---	---	---	---	---	---	---	---	---	---	---
10	7.00	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	6.74
15	---	---	---	---	---	---	---	---	---	---	---	6.79
16	---	---	---	---	---	---	---	---	---	---	---	6.68
17	---	---	---	---	---	---	---	---	---	---	---	6.67
18	---	---	---	---	---	---	---	---	---	---	---	6.65
19	---	---	---	---	---	---	---	---	---	---	---	6.66
20	---	---	---	---	---	---	---	---	---	---	---	6.69
21	---	---	---	---	---	---	---	---	---	---	---	6.73
22	---	---	---	---	---	---	---	---	---	---	---	6.69
23	---	---	---	---	---	---	---	---	---	---	---	6.67
24	---	---	---	---	---	---	---	---	---	---	---	6.62
25	---	---	---	---	---	---	---	---	---	---	---	6.57
26	---	---	---	---	---	---	---	---	---	---	---	6.59
27	---	---	---	---	---	---	---	---	---	---	---	6.63
28	---	---	---	---	---	---	---	---	---	---	---	6.72
29	---	---	---	---	---	---	---	---	---	---	---	6.73
30	---	---	---	---	---	---	---	---	---	---	---	6.70
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	6.68
Max	---	---	---	---	---	---	---	---	---	---	---	6.79
Min	---	---	---	---	---	---	---	---	---	---	---	6.57
Med	---	---	---	---	---	---	---	---	---	---	---	6.68

	Calendar Year 2006	Water Year 2007
Mean	7.10	6.75
Max	7.93	7.00
Min	6.37	6.57
Med	7.17	6.73

404025073463801 Local number Q 2422. 1—Continued



Water-Data Report 2007

403940073443501 Local number Q 2995. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°39′40″, long 73°44′35″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at west side of Brookville Boulevard, between 145th Avenue and Mayda Road, 54 ft west of blacktop walkway in park, northernmost well, Rosedale.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 4 in; top of first opening 10 ft, bottom of last opening 83 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft above land-surface datum.

PERIOD OF RECORD.--November 1968 to October 1985 and June 1988 to current year.

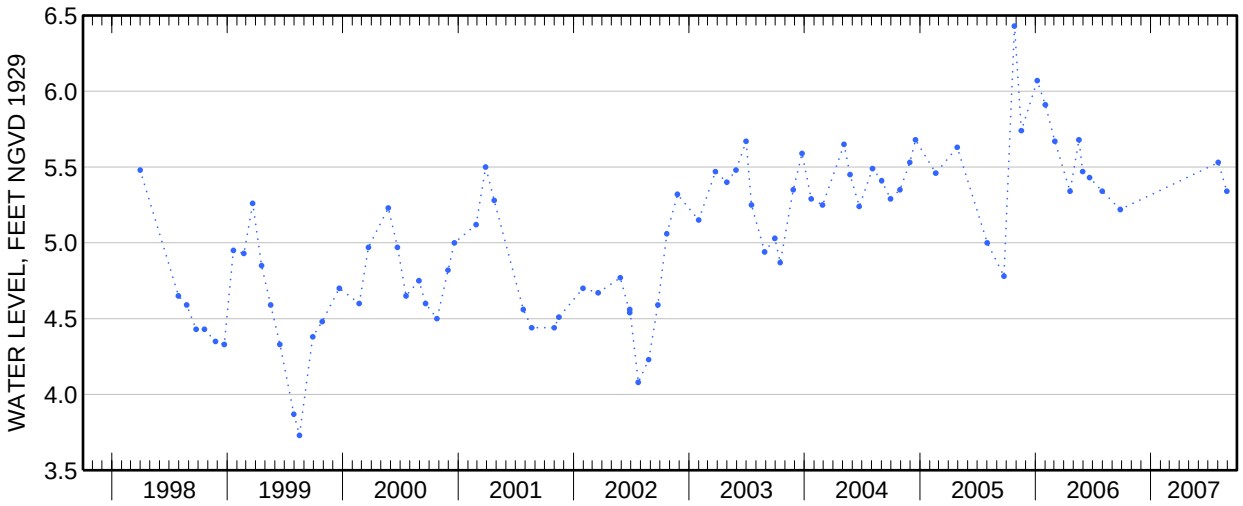
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.43 ft above sea level, October 26, 2005; lowest measured, 2.43 ft above sea level, September 21, 1982.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Aug 2	5.53	Aug 29	5.34



Water-Data Report 2007

403932073482901 Local number Q 3109. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Queens County, NY

LOCATION.--Lat 40°39′32″, long 73°48′29″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, in grassy area at Federal Circle, 160 ft west of Federal Circle Loop Road, near Bergan Road split, just east of Van Wyck Expressway, northernmost well, South Ozone Park.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 400 ft. Upper casing diameter 4 in; top of first opening 290 ft, bottom of last opening 310 ft.

DATUM.--Land-surface datum is 22.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.30 ft below land-surface datum.

PERIOD OF RECORD.--December 1981 to current year. Unpublished records from December 1981 to September 1987 are available in files of the Geological Survey.

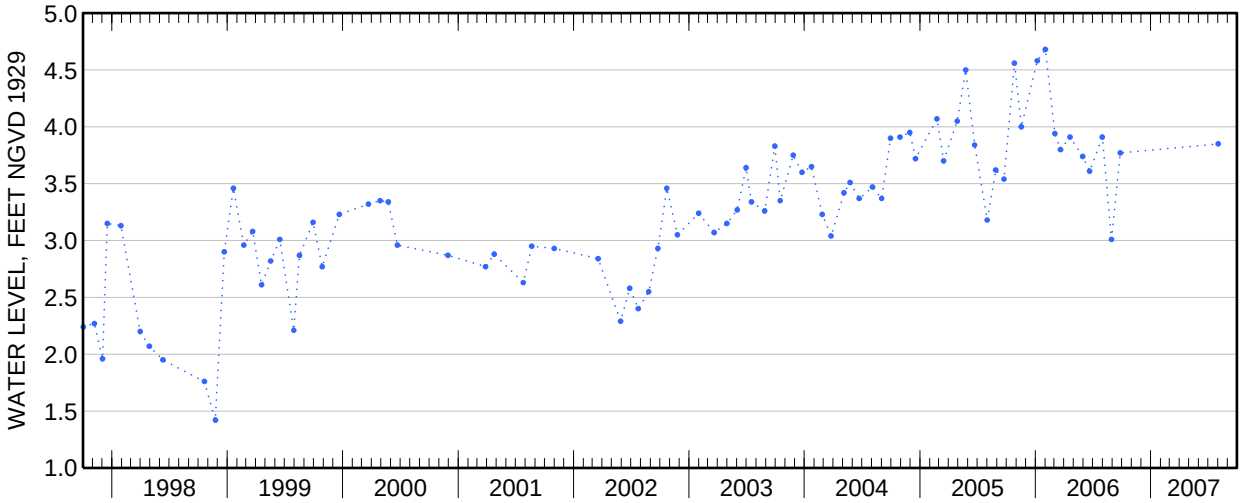
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.10 ft above sea level, March 29, 1994; lowest measured, 1.32 ft below sea level, September 26, 1983.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Aug 2	3.85



Water-Data Report 2007

403845073475701 Local number Q 3110. 1

Northern Atlantic Coastal Plain aquifer system
Jameco Aquifer

Queens County, NY

LOCATION.--Lat 40°38′45″, long 73°47′57″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Service Road, north of intersection with Van Wyck Expressway, easternmost well.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 356 ft. Upper casing diameter 4 in; top of first opening 306 ft, bottom of last opening 326 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.53 ft below land-surface datum.

PERIOD OF RECORD.--December 1981 to current year.

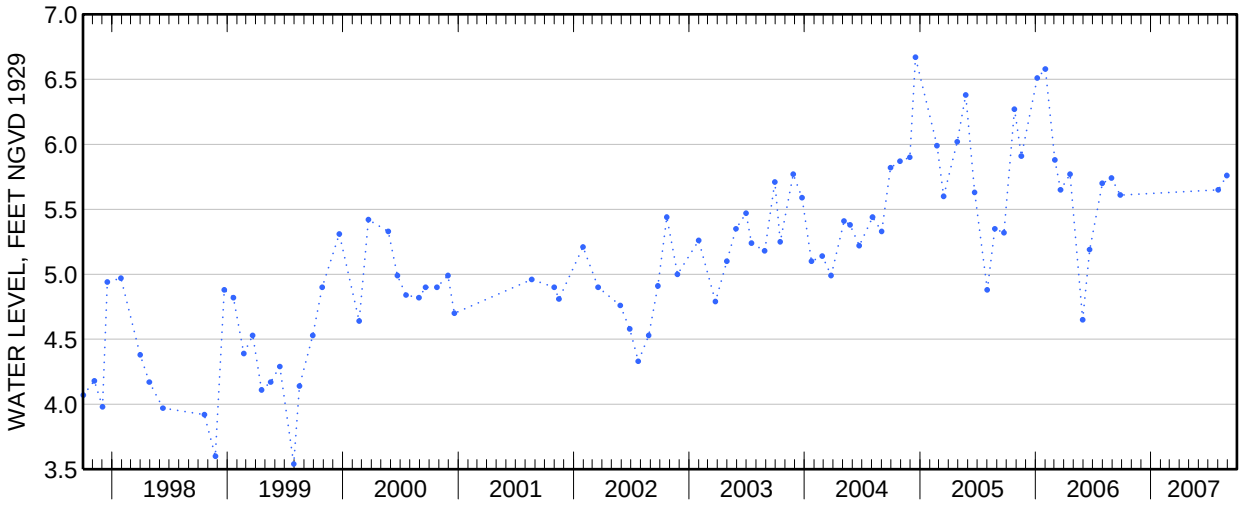
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.01 ft above sea level, March 22, 1991; lowest measured, 0.20 ft above sea level, September 26, 1983.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Aug 2	5.65	Aug 29	5.76



Water-Data Report 2007

403939073472801 Local number Q 3112. 1

Northern Atlantic Coastal Plain aquifer system
Jameco Aquifer

Queens County, NY

LOCATION.--Lat 40°39′39″, long 73°47′28″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Boundary Road, south of 150th Avenue, southernmost well.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 305 ft. Upper casing diameter 4 in; top of first opening 290 ft, bottom of last opening 300 ft.

DATUM.--Land-surface datum is 11.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

PERIOD OF RECORD.--December 1981 to current year.

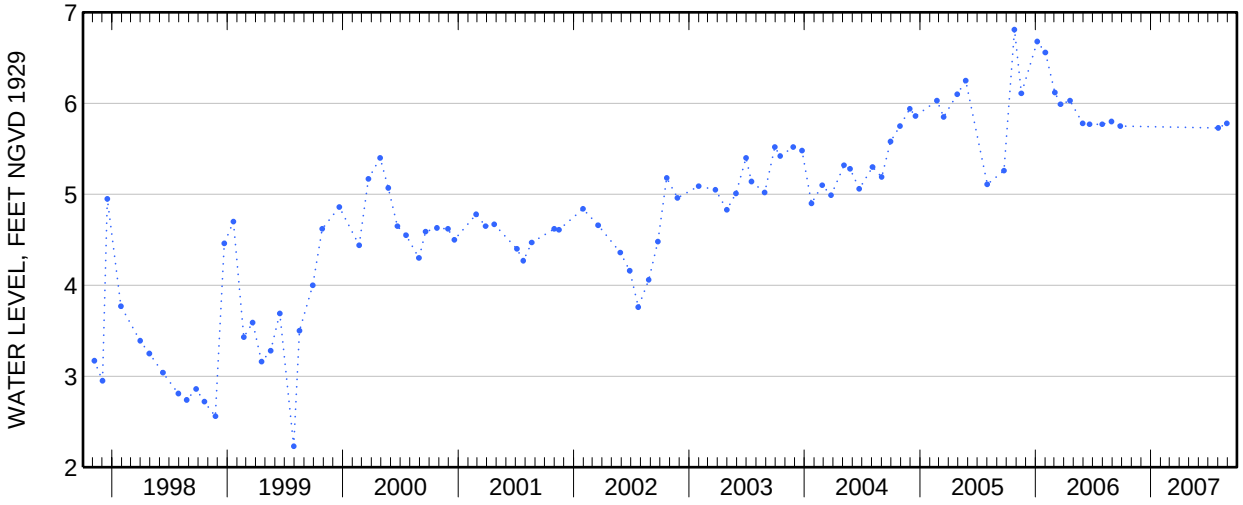
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.81 ft above sea level, October 26, 2005; lowest measured, 1.78 ft below sea level, September 26, 1983.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Aug 2	5.73	Aug 29	5.78



Water-Data Report 2007

403932073482902 Local number Q 3114. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°39′32″, long 73°48′29″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, in grassy area at Federal Circle, 160 ft west of Federal Circle Loop Road, near Bergan Road split, just east of Van Wyck Expressway, southernmost well, South Ozone Park.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 31 ft. Upper casing diameter 2 in; top of first opening 29 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.26 ft above land-surface datum.

PERIOD OF RECORD.--December 1981 to current year. Unpublished records from December 1981 to September 1987 are available in files of the Geological Survey.

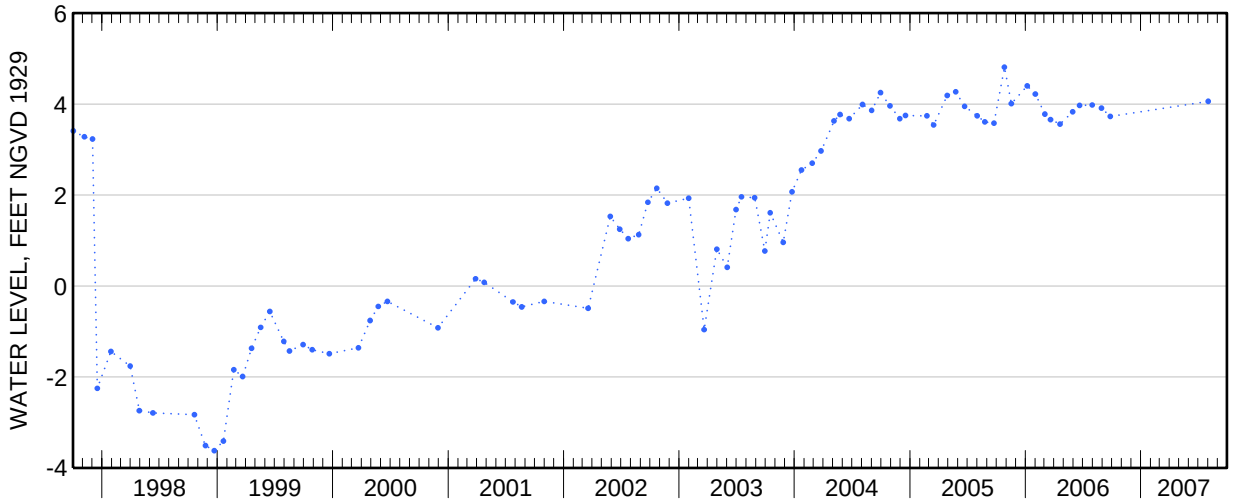
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.81 ft above sea level, October 26, 2005; lowest measured, 3.62 ft below sea level, December 22, 1998.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Aug 2	4.06



Water-Data Report 2007

403845073475702 Local number Q 3115. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°38′45″, long 73°47′57″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Service Road, north of intersection with Van Wyck Expressway, westernmost well.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 28 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 28 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--December 1981 to current year.

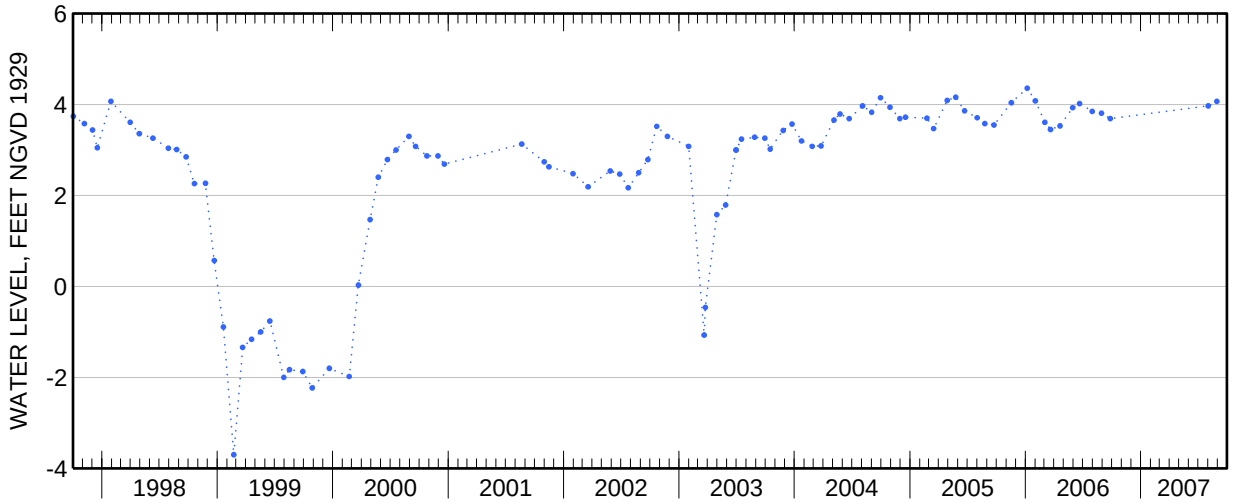
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation and local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.79 ft above sea level, December 17, 1984; lowest measured, 3.70 ft below sea level, February 22, 1999.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Aug 2	3.97	Aug 29	4.07



Water-Data Report 2007

403939073472802 Local number Q 3117. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°39′39″, long 73°47′28″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at John F. Kennedy International Airport, east side of North Boundary Road, south of 150th Avenue, southernmost well.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 23 ft. Upper casing diameter 2 in; top of first opening 11 ft, bottom of last opening 23 ft.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.00 ft below land -surface datum.

PERIOD OF RECORD.--December 1981 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 local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.01 ft above sea level, October 15, 2005; lowest recorded, 1.08 ft below sea level, June 3, 2003.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 5.62 ft above sea level, April 23, 28, and 30; lowest recorded, 4.26 ft above sea level, February 19 and 25.

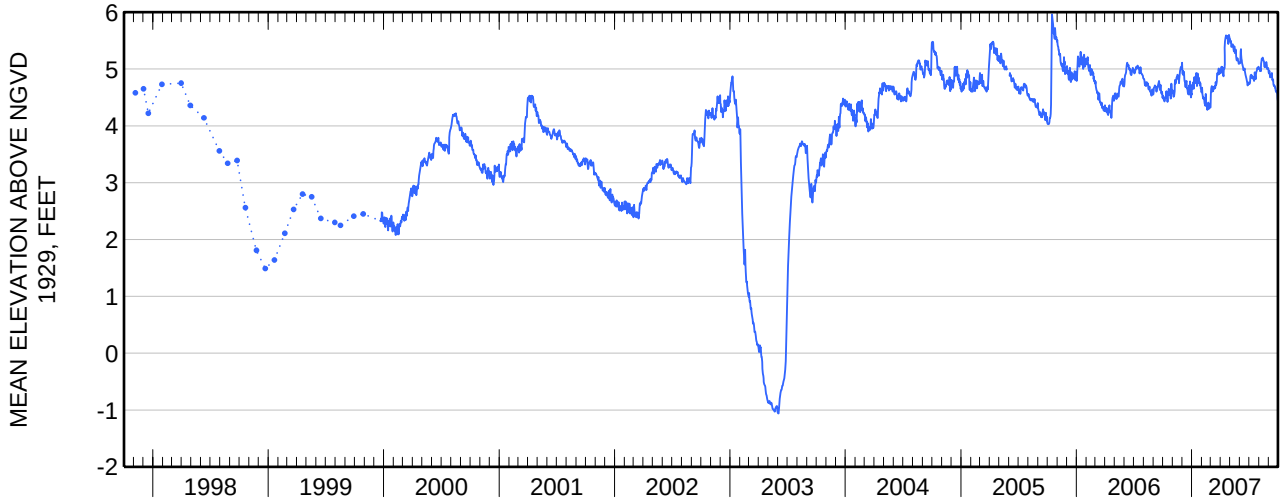
403939073472802 Local number Q 3117. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	4.53	4.62	5.11	4.72	4.60	4.33	4.95	5.49	5.10	4.75	5.02	4.94
2	4.48	4.62	4.94	4.65	4.67	4.56	4.99	5.52	5.10	4.74	5.00	4.92
3	4.47	4.54	4.91	4.65	4.56	4.65	4.93	5.47	5.12	4.74	5.00	4.97
4	4.50	4.51	4.97	4.70	4.53	4.68	5.03	5.47	5.30	4.77	5.00	4.95
5	4.46	4.52	4.89	4.75	4.48	4.70	5.04	5.49	5.35	4.87	4.96	4.88
6	4.43	4.54	4.90	4.77	4.48	4.60	5.02	5.39	5.25	4.89	5.00	4.85
7	4.46	4.59	4.95	4.65	4.50	4.65	5.03	5.39	5.15	4.89	4.96	4.88
8	4.48	4.75	4.83	4.85	4.47	4.65	4.97	5.43	5.15	4.90	5.10	4.88
9	4.51	4.81	4.78	4.85	4.45	4.61	4.94	5.43	5.10	4.87	5.13	4.86
10	4.50	4.74	4.78	4.79	4.41	4.68	4.90	5.43	5.08	4.84	5.18	4.86
11	4.53	4.79	4.72	4.75	4.38	4.67	4.87	5.43	5.06	4.87	5.17	4.93
12	4.61	4.80	4.68	4.84	4.37	4.65	5.01	5.38	5.02	4.85	5.18	4.84
13	4.52	4.84	4.76	4.87	4.35	4.67	5.02	5.34	4.98	4.83	5.20	4.80
14	4.53	4.86	4.77	4.86	4.56	4.70	5.01	5.31	4.98	4.83	5.16	4.82
15	4.46	4.83	4.79	4.93	4.39	4.66	5.22	5.40	4.98	4.86	5.16	4.81
16	4.42	4.90	4.66	4.85	4.39	4.68	5.50	5.39	4.99	4.81	5.14	4.73
17	4.49	4.89	4.66	4.70	4.36	4.77	5.54	5.28	5.01	4.79	5.13	4.71
18	4.59	4.86	4.64	4.79	4.36	4.72	5.57	5.28	4.94	4.86	5.04	4.70
19	4.60	4.88	4.58	4.92	4.28	4.73	5.59	5.33	4.91	4.94	5.04	4.71
20	4.65	4.82	4.56	4.82	4.37	4.76	5.57	5.34	4.90	4.90	5.03	4.70
21	4.54	4.75	4.57	4.75	4.33	4.78	5.57	5.22	4.87	4.85	5.03	4.67
22	4.58	4.82	4.55	4.85	4.41	4.92	5.54	5.17	4.84	4.82	5.07	4.67
23	4.62	4.90	4.71	4.81	4.34	4.92	5.58	5.15	4.82	4.91	5.08	4.62
24	4.60	4.95	4.62	4.77	4.30	4.93	5.55	5.17	4.80	4.95	5.12	4.60
25	4.53	4.96	4.63	4.78	4.32	4.90	5.49	5.19	4.74	4.96	5.12	4.61
26	4.48	5.01	4.78	4.71	4.38	4.97	5.44	5.18	4.71	4.98	5.06	4.59
27	4.50	5.03	4.63	4.75	4.35	5.01	5.56	5.14	4.72	5.02	5.00	4.59
28	4.74	5.01	4.53	4.75	4.32	4.94	5.60	5.13	4.76	5.02	5.00	4.57
29	4.63	5.02	4.50	4.65	---	4.91	5.56	5.09	4.73	5.00	5.01	4.47
30	4.58	5.05	4.57	4.64	---	4.95	5.56	5.10	4.76	5.03	5.02	4.44
31	4.62	---	4.55	4.59	---	4.93	---	5.10	---	5.04	5.00	---
Mean	4.54	4.81	4.73	4.77	4.42	4.75	5.27	5.31	4.97	4.88	5.07	4.75
Max	4.74	5.05	5.11	4.93	4.67	5.01	5.60	5.52	5.35	5.04	5.20	4.97
Min	4.42	4.51	4.50	4.59	4.28	4.33	4.87	5.09	4.71	4.74	4.96	4.44
Med	4.53	4.83	4.71	4.77	4.38	4.70	5.33	5.34	4.98	4.87	5.04	4.76

	Calendar Year 2006	Water Year 2007
Mean	4.74	4.86
Max	5.30	5.60
Min	4.14	4.28
Med	4.73	4.85

403939073472802 Local number Q 3117. 1—Continued



Water-Data Report 2007

404613073545802 Local number Q 3121. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°46′13″, long 73°54′58″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of Astoria Boulevard, 60 ft east of 33rd Street, Astoria.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 48.8 ft. Upper casing diameter 2 in; top of first opening 38.8 ft, bottom of last opening 48.8 ft.

DATUM.--Land-surface datum is 47.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.67 ft below land-surface datum.

PERIOD OF RECORD.--July 2000 to current year.

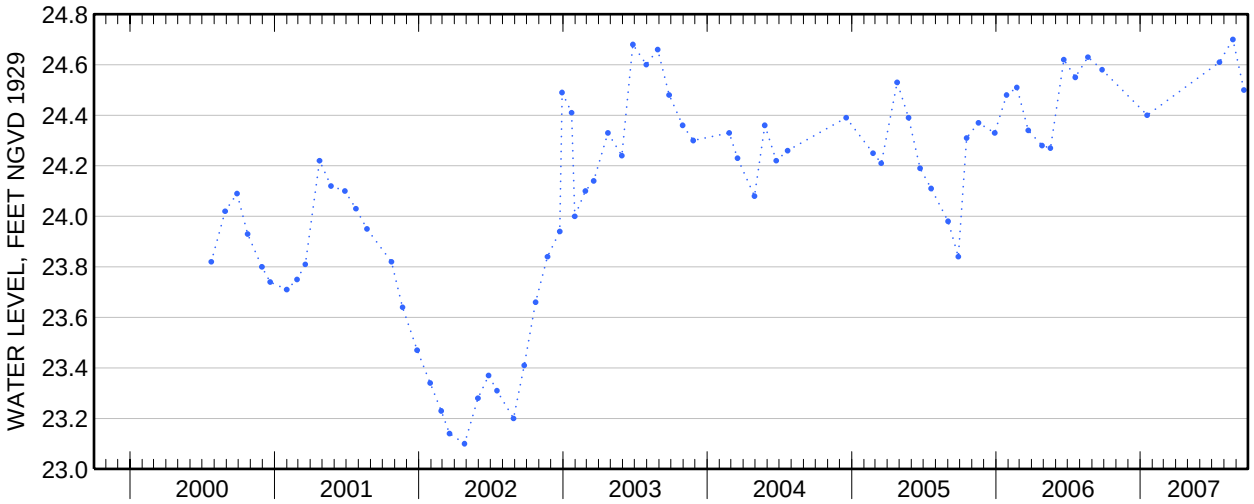
GAGE.--Measurement with chalked tape by United States Geological Survey personnel.

REMARKS.--Replaced well Q3121.1 in June 2000 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.70 ft above sea level, August 23, 2007; lowest measured, 23.10 ft above sea level, April 26, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	24.40	Aug 23	24.70
Jul 20	24.61	Sep 20	24.50



Water-Data Report 2007

404510073560402 Local number Q 3122. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′10″, long 73°56′04″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at west side of 30th Street, 25 ft south of 39th Avenue, Dutch Kills.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 2 in; top of first opening 45 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.88 ft below land-surface datum.

PERIOD OF RECORD.--July 2000 to current year.

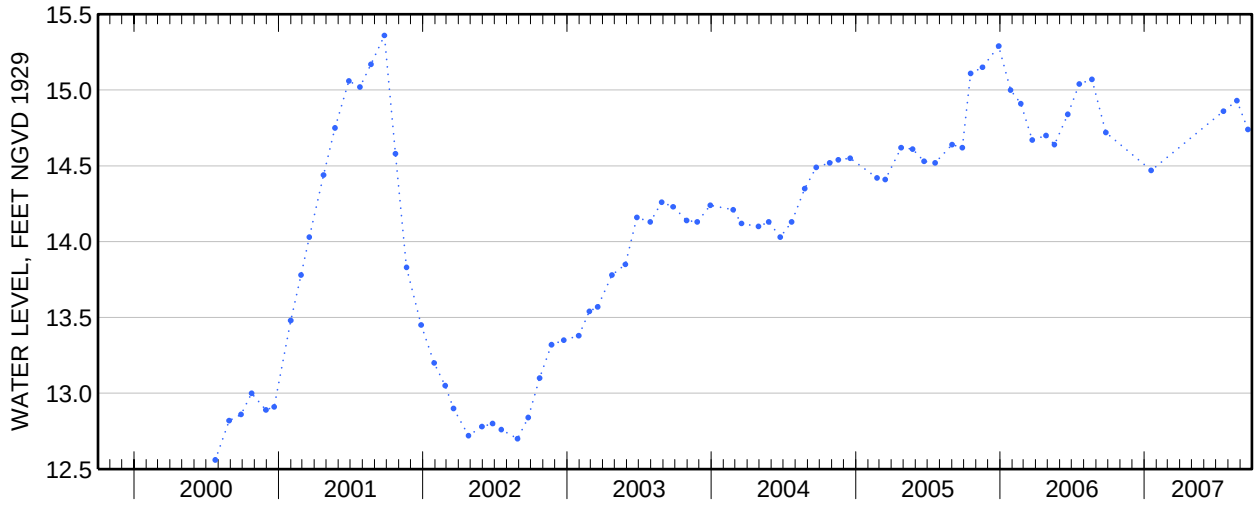
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well Q3122.1 in June 2000 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.36 ft above sea level, September 25, 2001; lowest measured, 12.56 ft above sea level, July 24, 2000.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	14.47	Aug 23	14.93
Jul 20	14.86	Sep 20	14.74



Water-Data Report 2007

404112073500901 Local number Q 3160. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°41′12″, long 73°50′09″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at west side of 108th Street, 196 ft south of 101st Avenue, Woodhaven.

GROUND-WATER RECORDS

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

DATUM.--Land-surface datum is 46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.78 ft below land-surface datum.

PERIOD OF RECORD.--March 1984 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, 14.03 ft above sea level, September 15, 2007; lowest recorded, 6.08 ft above sea level, March 2, 1984.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 14.03 ft above sea level, September 15; lowest recorded, 13.44 ft above sea level, October 6.

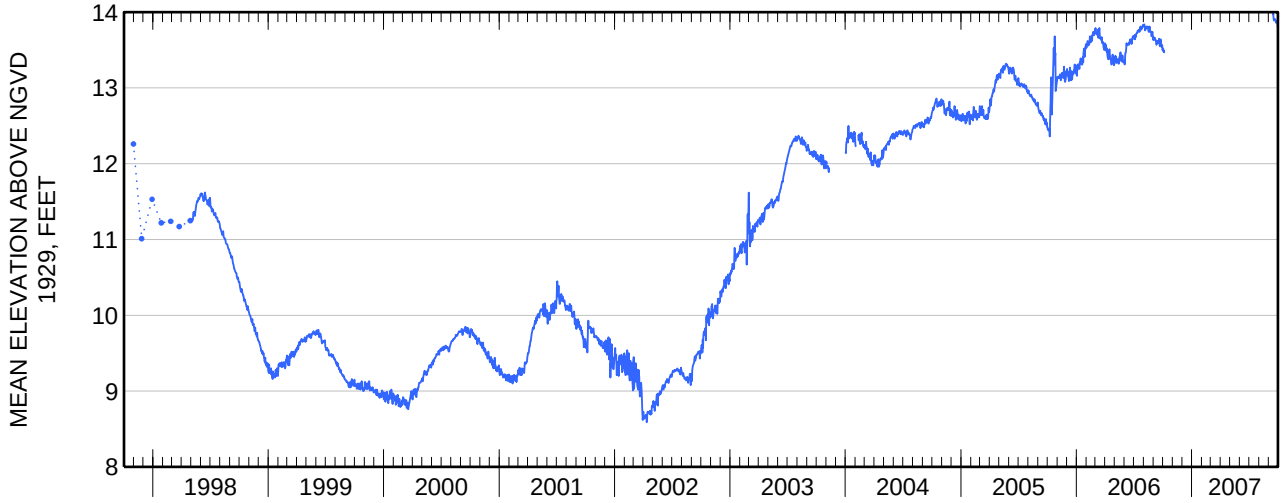
404112073500901 Local number Q 3160. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	13.52	---	---	---	---	---	---	---	---	---	---	---
2	13.49	---	---	---	---	---	---	---	---	---	---	---
3	13.48	---	---	---	---	---	---	---	---	---	---	---
4	13.50	---	---	---	---	---	---	---	---	---	---	---
5	13.47	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	13.97
15	---	---	---	---	---	---	---	---	---	---	---	13.98
16	---	---	---	---	---	---	---	---	---	---	---	13.91
17	---	---	---	---	---	---	---	---	---	---	---	13.89
18	---	---	---	---	---	---	---	---	---	---	---	13.89
19	---	---	---	---	---	---	---	---	---	---	---	13.90
20	---	---	---	---	---	---	---	---	---	---	---	13.91
21	---	---	---	---	---	---	---	---	---	---	---	13.90
22	---	---	---	---	---	---	---	---	---	---	---	13.90
23	---	---	---	---	---	---	---	---	---	---	---	13.88
24	---	---	---	---	---	---	---	---	---	---	---	13.86
25	---	---	---	---	---	---	---	---	---	---	---	13.88
26	---	---	---	---	---	---	---	---	---	---	---	13.88
27	---	---	---	---	---	---	---	---	---	---	---	13.88
28	---	---	---	---	---	---	---	---	---	---	---	13.88
29	---	---	---	---	---	---	---	---	---	---	---	13.82
30	---	---	---	---	---	---	---	---	---	---	---	13.80
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	13.89
Max	---	---	---	---	---	---	---	---	---	---	---	13.98
Min	---	---	---	---	---	---	---	---	---	---	---	13.80
Med	---	---	---	---	---	---	---	---	---	---	---	13.89

	Calendar Year 2006	Water Year 2007
Mean	13.57	13.80
Max	13.84	13.98
Min	13.16	13.47
Med	13.59	13.88

404112073500901 Local number Q 3160. 1—Continued



Water-Data Report 2007

404143073482701 Local number Q 3165. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°41′43″, long 73°48′27″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at east side of Liverpool Street, 54 ft north of 101st Avenue, Jamaica.

GROUND-WATER RECORDS

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

DATUM.--Land-surface datum is 41.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.59 ft below land-surface datum.

PERIOD OF RECORD.--March 1984 to current year. Unpublished records from March 1984 to September 1987 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, 20.28 ft above sea level, February 5, 2006; lowest recorded, 7.28 ft above sea level, March 2, 1984.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 20.18 ft above sea level, July 29, 30, and August 3; lowest recorded, 19.41 ft above sea level, December 29, 30, and January 17.

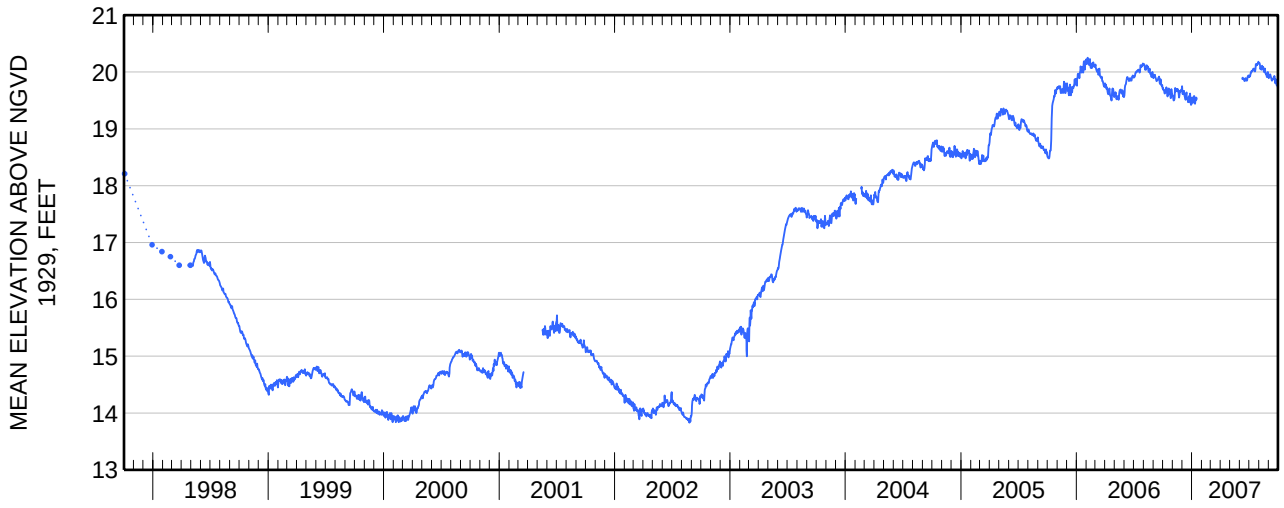
404143073482701 Local number Q 3165. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	19.72	19.59	19.75	19.55	---	---	---	---	---	19.91	20.15	19.89
2	19.69	19.58	19.65	19.51	---	---	---	---	---	19.93	20.16	19.92
3	19.68	19.53	19.61	19.48	---	---	---	---	---	19.92	20.16	19.95
4	19.69	19.50	19.66	19.51	---	---	---	---	---	19.93	20.14	19.95
5	19.67	19.50	19.62	19.54	---	---	---	---	---	19.95	20.09	19.95
6	19.63	19.51	19.62	19.56	---	---	---	---	---	19.99	20.05	19.96
7	19.62	19.54	19.67	19.46	---	---	---	---	---	19.99	20.08	19.93
8	19.63	19.65	19.60	19.58	---	---	---	---	---	20.01	20.08	19.91
9	19.65	19.72	19.57	19.57	---	---	---	---	19.88	20.02	20.04	19.90
10	19.65	19.66	19.57	19.52	---	---	---	---	19.90	20.02	20.09	19.87
11	19.66	19.66	19.54	19.44	---	---	---	---	19.90	20.01	20.11	19.85
12	19.73	19.67	19.51	19.49	---	---	---	---	19.88	20.02	20.08	19.85
13	19.66	19.68	19.58	19.52	---	---	---	---	19.87	20.05	20.07	19.87
14	19.64	19.70	19.61	19.51	---	---	---	---	19.88	20.05	20.09	19.87
15	19.60	19.66	19.64	19.55	---	---	---	---	19.88	20.06	20.08	19.87
16	19.57	19.69	19.56	19.52	---	---	---	---	19.84	20.06	20.02	19.89
17	19.60	19.70	19.54	---	---	---	---	---	19.85	20.06	20.00	19.91
18	19.68	19.66	19.53	---	---	---	---	---	19.87	20.05	20.00	19.91
19	19.69	19.66	19.49	---	---	---	---	---	19.89	20.01	20.03	19.93
20	19.71	19.61	19.47	---	---	---	---	---	19.89	20.02	20.06	19.90
21	19.61	19.55	19.48	---	---	---	---	---	19.85	20.06	20.00	19.82
22	19.62	19.58	19.47	---	---	---	---	---	19.85	20.14	19.97	19.80
23	19.65	19.63	19.58	---	---	---	---	---	19.85	20.14	19.97	19.84
24	19.63	19.67	19.53	---	---	---	---	---	19.85	20.12	19.95	19.87
25	19.58	19.65	19.51	---	---	---	---	---	19.88	20.12	19.94	19.81
26	19.54	19.67	19.62	---	---	---	---	---	19.92	20.14	19.91	19.77
27	19.55	19.68	19.53	---	---	---	---	---	19.92	20.13	19.93	19.76
28	19.70	19.67	19.45	---	---	---	---	---	19.94	20.15	19.99	19.77
29	19.65	19.66	19.42	---	---	---	---	---	19.94	20.16	20.00	19.77
30	19.59	19.70	19.45	---	---	---	---	---	19.94	20.18	19.97	19.71
31	19.60	---	19.44	---	---	---	---	---	---	20.16	19.91	---
Mean	19.64	19.63	19.56	19.52	---	---	---	---	19.89	20.05	20.04	19.87
Max	19.73	19.72	19.75	19.58	---	---	---	---	19.94	20.18	20.16	19.96
Min	19.54	19.50	19.42	19.44	---	---	---	---	19.84	19.91	19.91	19.71
Med	19.65	19.66	19.56	19.52	---	---	---	---	19.88	20.05	20.04	19.87

	Calendar Year 2006	Water Year 2007
Mean	19.83	19.79
Max	20.25	20.18
Min	19.42	19.42
Med	19.84	19.77

404143073482701 Local number Q 3165. 1—Continued



Water-Data Report 2007

404138073535102 Local number Q 3587. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°41′38″, long 73°53′51″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of Cabot Road, 66 ft west of Cypress Avenue, westernmost well, Ridgewood.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 175 ft. Upper casing diameter 4 in; top of first opening 160 ft, bottom of last opening 170 ft.

DATUM.--Land-surface datum is 88.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.07 ft below land-surface datum.

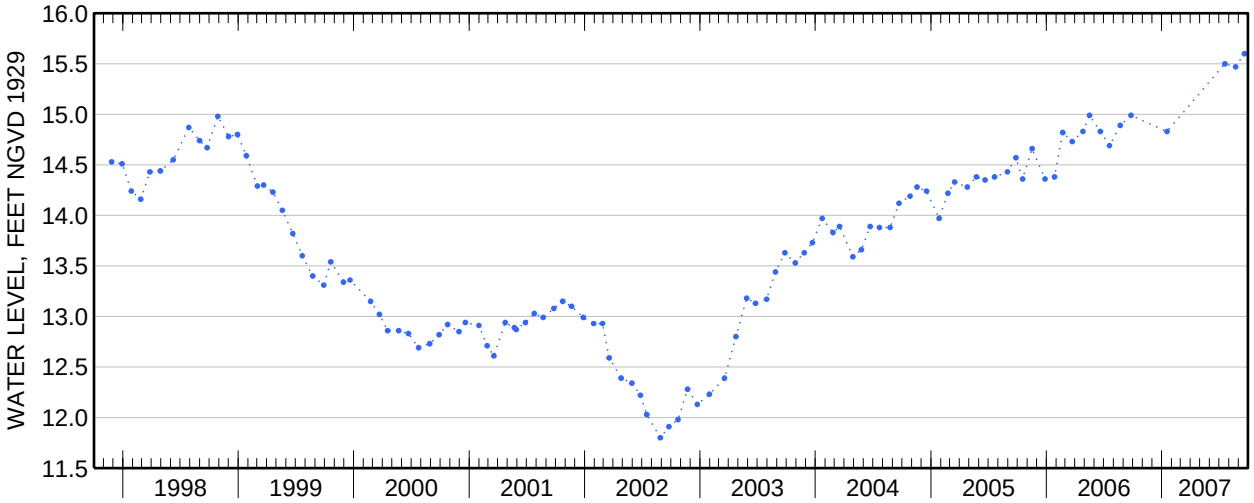
PERIOD OF RECORD.--March 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.60 ft above sea level, September 19, 2007; lowest measured, 11.80 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	14.83	Aug 22	15.47
Jul 19	15.50	Sep 19	15.60



Water-Data Report 2007

404026073472102 Local number Q 3589. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Queens County, NY

LOCATION.--Lat 40°40′26″, long 73°47′21″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at east side of Stuphin Boulevard, 226 ft north of Rockaway Boulevard, Springfield Gardens.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 320 ft. Upper casing diameter 4 in; top of first opening 310 ft, bottom of last opening 320 ft.

DATUM.--Land-surface datum is 23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.54 ft below land-surface datum.

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

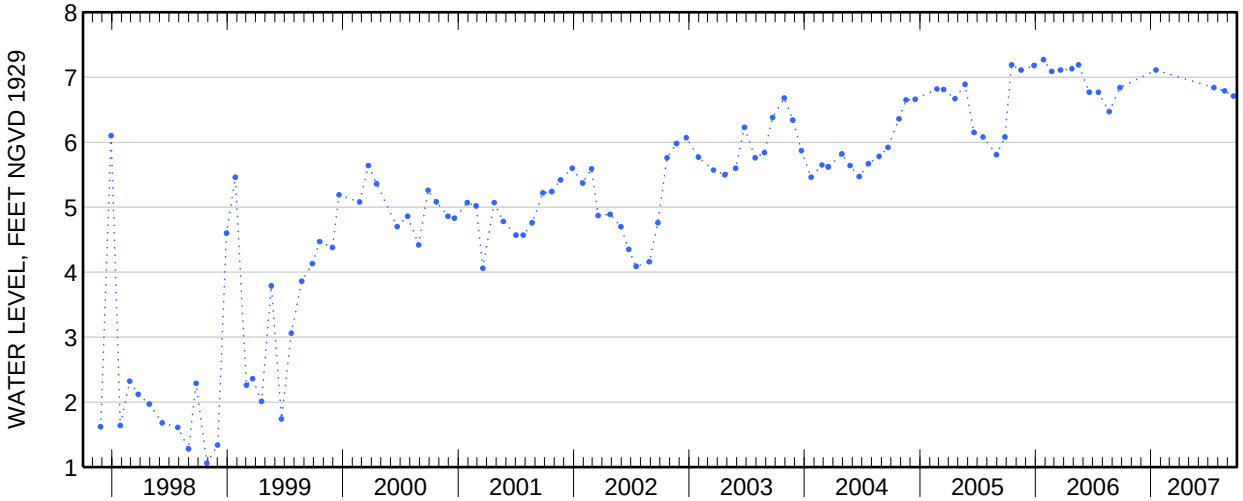
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.27 ft above sea level, January 26, 2006; lowest measured, 1.06 ft above sea level, October 28, 1998.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	7.11	Aug 22	6.79
Jul 19	6.84	Sep 19	6.71



Water-Data Report 2007

404733073482901 Local number Q 3593. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°47′33″, long 73°48′29″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of 11th Avenue, 82 ft west of 154th Street, Whitestone.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 215 ft. Upper casing diameter 4 in; top of first opening 165 ft, bottom of last opening 185 ft.

DATUM.--Land-surface datum is 20.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.04 ft below land-surface datum.

PERIOD OF RECORD.--March 1996 to current year.

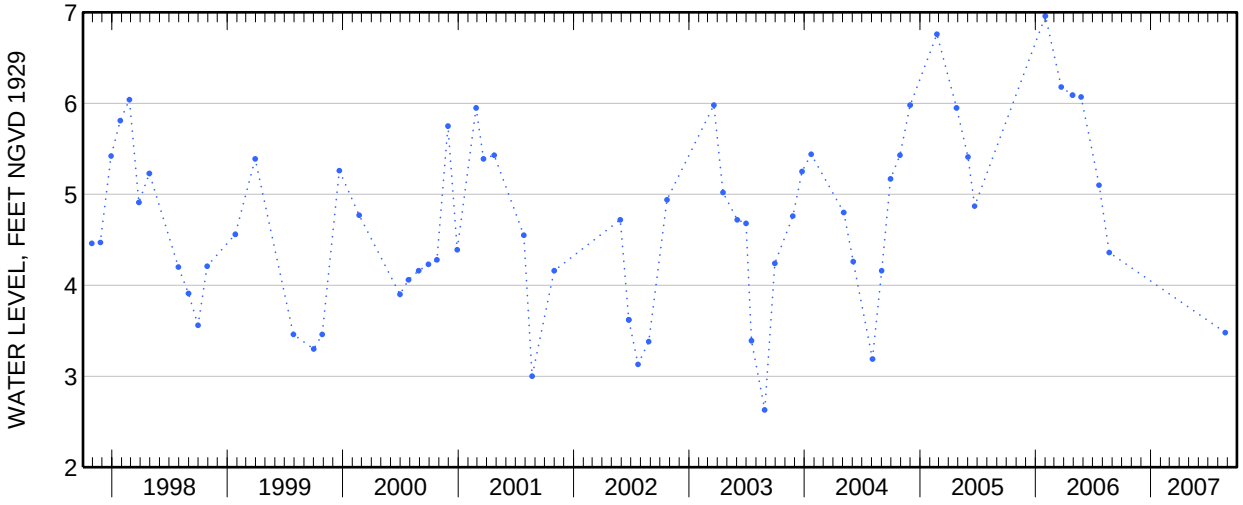
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.96 ft above sea level, February 1, 2006; lowest measured, 2.63 ft above sea level, August 28, 2003.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Aug 24	3.48



Water-Data Report 2007

404732073482901 Local number Q 3604. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°47′32″, long 73°48′29″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of 11th Avenue, just west of 154th Street, Whitestone.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 58 ft. Upper casing diameter 4 in; top of first opening 48 ft, bottom of last opening 58 ft.

DATUM.--Land-surface datum is 20.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.06 ft below land-surface datum.

PERIOD OF RECORD.--March 1997 to current year.

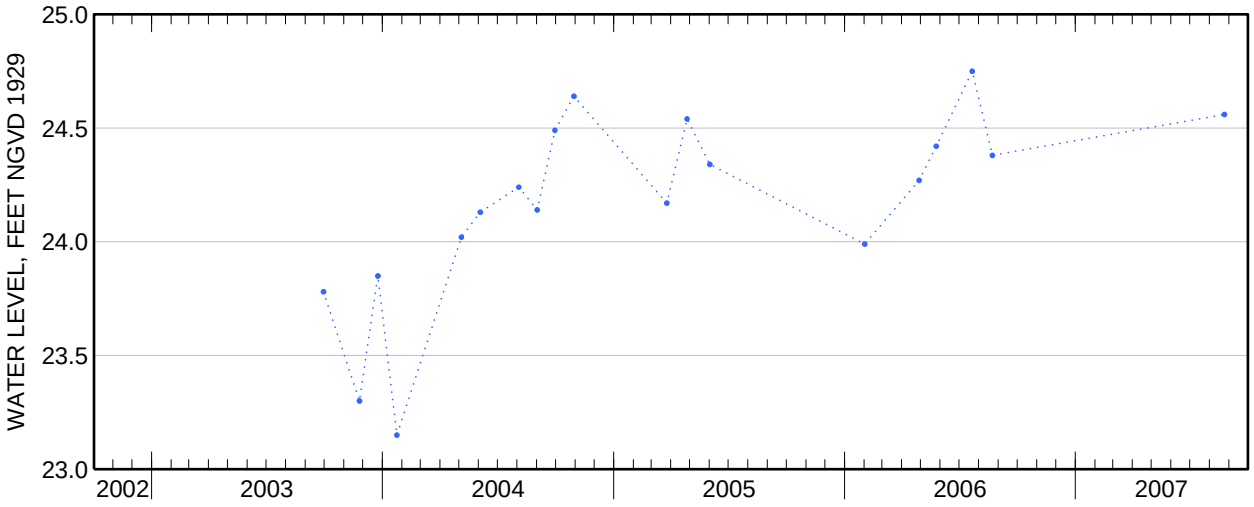
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.75 ft above sea level, July 21, 2006; lowest measured, 22.31 ft above sea level, March 27, 1998.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Aug 24	24.56



Water-Data Report 2007

404239073493001 Local number Q 3627. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°42′39″, long 73°49′30″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, southernmost well, Kew Gardens.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 510 ft. Upper casing diameter 4 in; top of first opening 480 ft, bottom of last opening 500 ft.

DATUM.--Land-surface datum is 82.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft below land-surface datum.

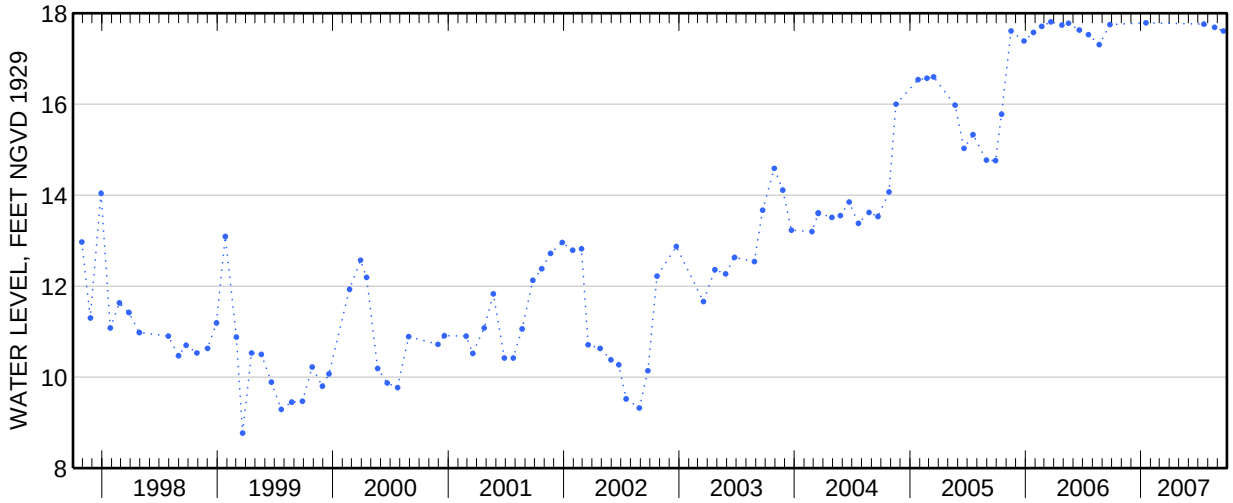
PERIOD OF RECORD.--July 1996 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.81 ft above sea level, March 22, 2006; lowest measured, 8.77 ft above sea level, March 22, 1999.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	17.79	Aug 22	17.69
Jul 19	17.76	Sep 19	17.61



Water-Data Report 2007

404239073492901 Local number Q 3628. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°42′39″, long 73°49′29″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, middle well, Kew Gardens.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 340 ft. Upper casing diameter 4 in; top of first opening 310 ft, bottom of last opening 330 ft.

DATUM.--Land-surface datum is 82.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.05 ft below land-surface datum.

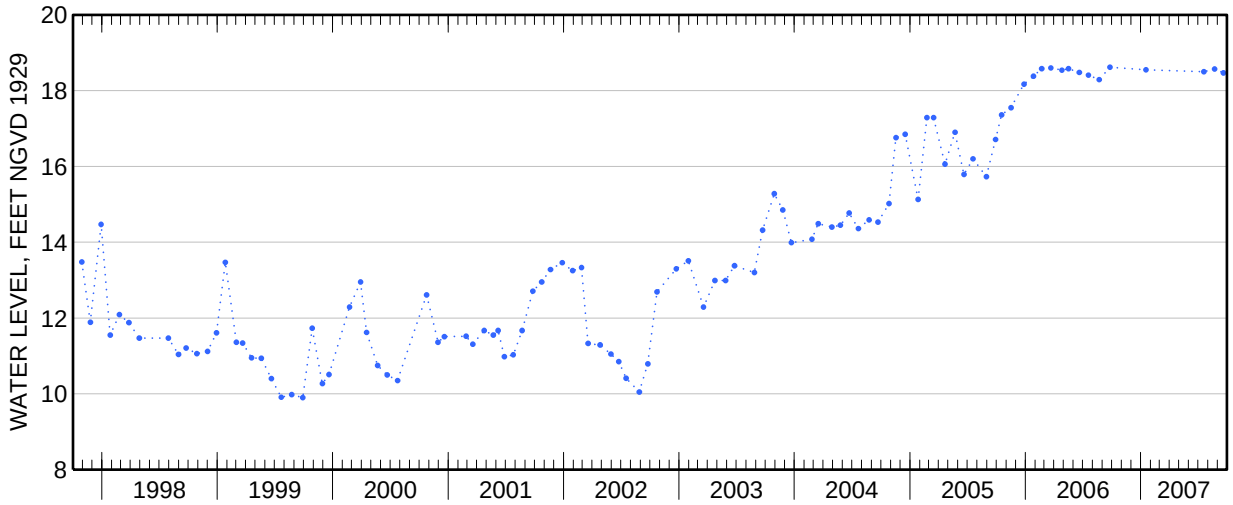
PERIOD OF RECORD.--July 1996 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.62 ft above sea level, September 25, 2006; lowest measured, 9.90 ft above sea level, September 28, 1999.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	18.55	Aug 22	18.57
Jul 19	18.50	Sep 19	18.48



Water-Data Report 2007

404239073492801 Local number Q 3629. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°42′39″, long 73°49′28″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at eastern side of Maple Grove Cemetery, 300 ft south of maintenance building, northernmost well, Kew Gardens.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 4 in; top of first opening 50 ft, bottom of last opening 70 ft.

DATUM.--Land-surface datum is 82.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.06 ft below land-surface datum.

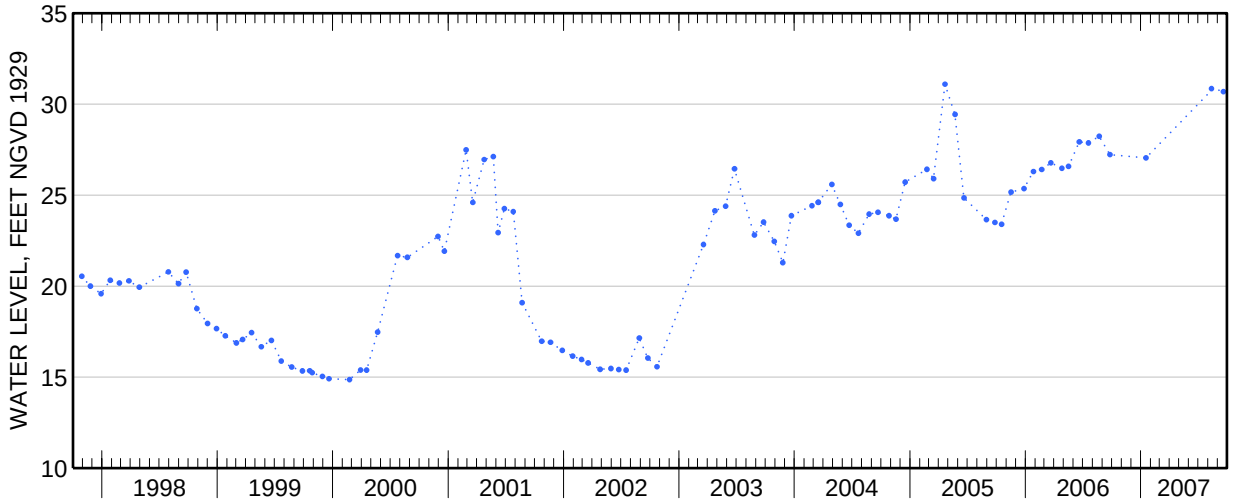
PERIOD OF RECORD.--July 1996 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.10 ft above sea level, April 21, 2005; lowest measured, 14.86 ft above sea level, February 23, 2000.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	27.05	Sep 19	30.69
Aug 22	30.91		



Water-Data Report 2007

404538073544001 Local number Q 3644. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′38″, long 73°54′40″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at northwest corner of 30th Road and 46th Street, Astoria.

GROUND-WATER RECORDS

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

DATUM.--Land-surface datum is 68 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.98 ft below land-surface datum.

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

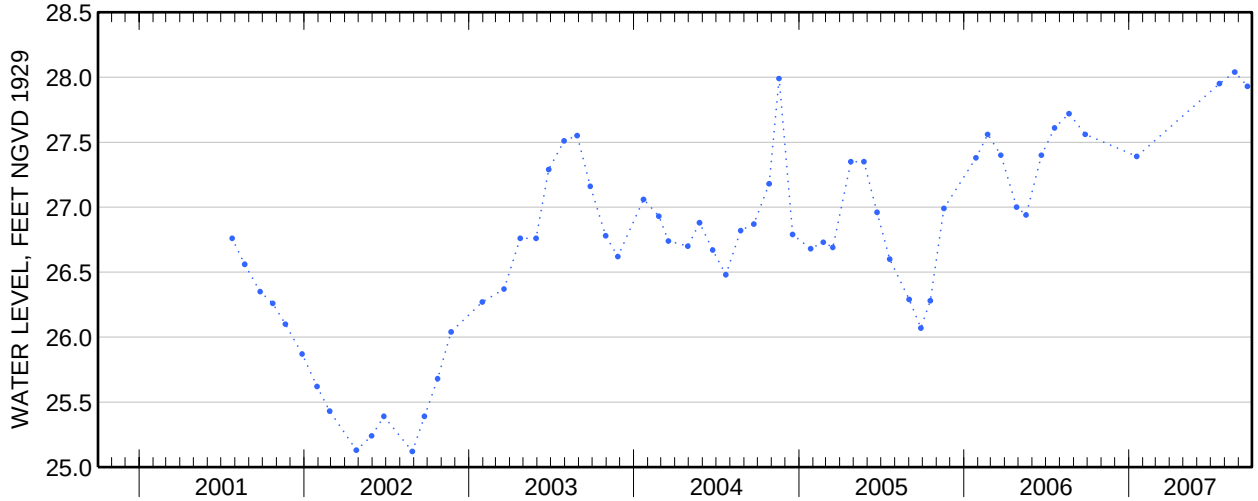
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well Q3644.1 in July 2001 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.04 ft above sea level, August 23, 2007; lowest measured, 25.12 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	27.39	Aug 23	28.04
Jul 20	27.95	Sep 20	27.93



Water-Data Report 2007

404519073532501 Local number Q 3647. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′19″, long 73°53′25″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at east side of 77th Street, 300 ft north of Northern Boulevard, Jackson Heights.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 35 ft. Upper casing diameter 1 in; top of first opening 30 ft, bottom of last opening 35 ft.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.12 ft below land-surface datum.

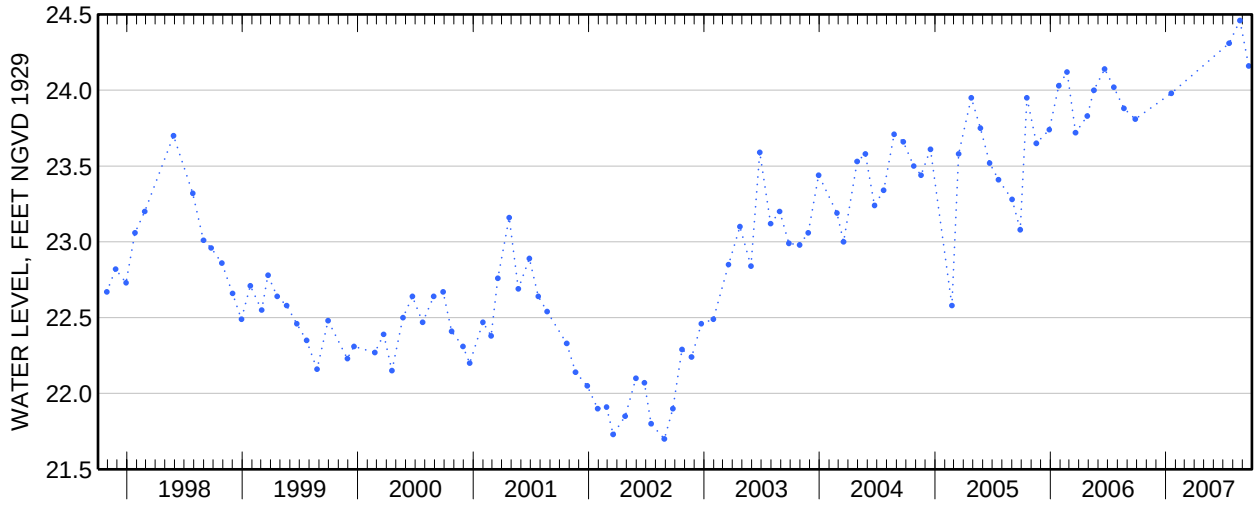
PERIOD OF RECORD.--April 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.46 ft above sea level, August 23, 2007; lowest measured, 21.70 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	23.98	Aug 23	24.46
Jul 20	24.31	Sep 20	24.16



Water-Data Report 2007

404437073535401 Local number Q 3648. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44′37″, long 73°53′54″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at east side of 66th Street, 200 ft south of intersection with 67th and 41st Avenue, Woodside.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 78.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.59 ft below land-surface datum.

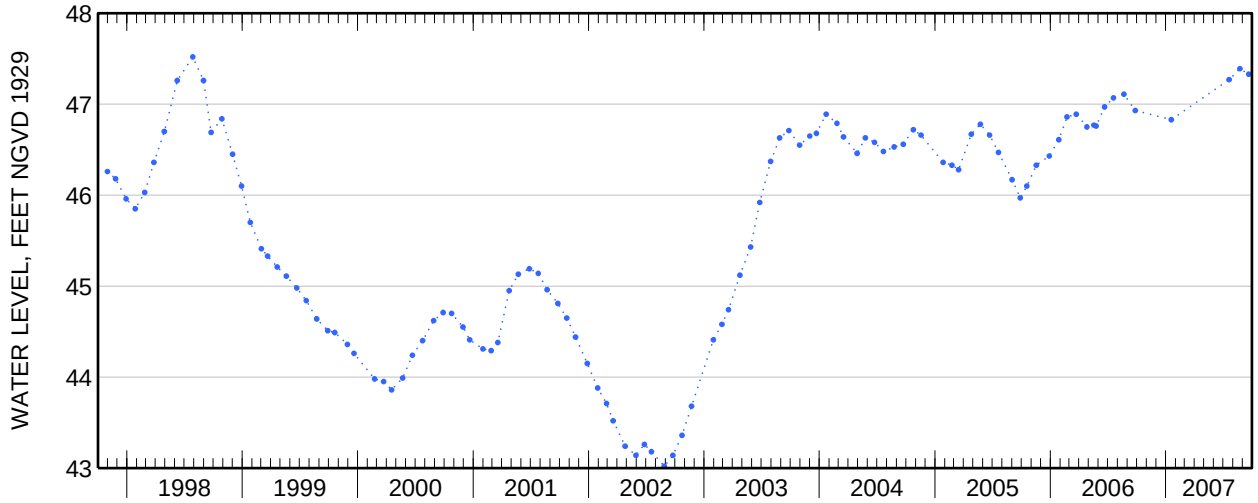
PERIOD OF RECORD.--April 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.52 ft above sea level, July 28, 1998; lowest measured, 43.02 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	46.83	Aug 23	47.39
Jul 20	47.27	Sep 20	47.33



Water-Data Report 2007

404138073535101 Local number Q 3649. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°41′38″, long 73°53′51″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of Cabot Road, 66 ft west of Cypress Avenue, easternmost well, Ridgewood.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 110 ft. Upper casing diameter 2 in; top of first opening 100 ft, bottom of last opening 105 ft.

DATUM.--Land-surface datum is 88.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft below land-surface datum.

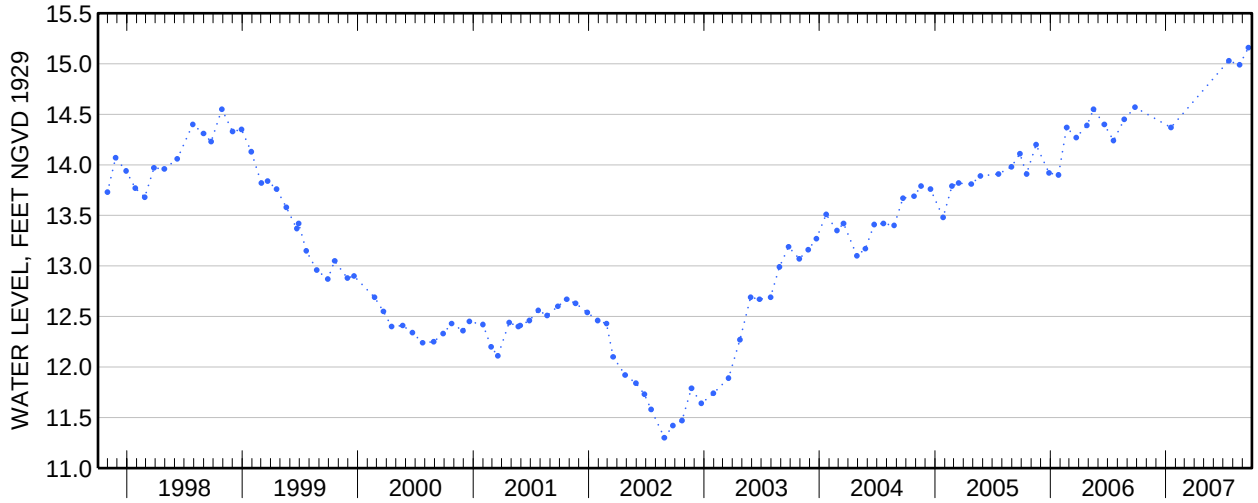
PERIOD OF RECORD.--April 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.16 ft above sea level, September 19, 2007; lowest measured, 11.30 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	14.37	Aug 22	14.99
Jul 19	15.03	Sep 19	15.16



Water-Data Report 2007

404402073520901 Local number Q 3650. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44′02″, long 73°52′09″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of Horace Harding Boulevard exit ramp, 150 ft west of 92nd Street, Elmhurst.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 19.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.23 ft below land-surface datum.

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

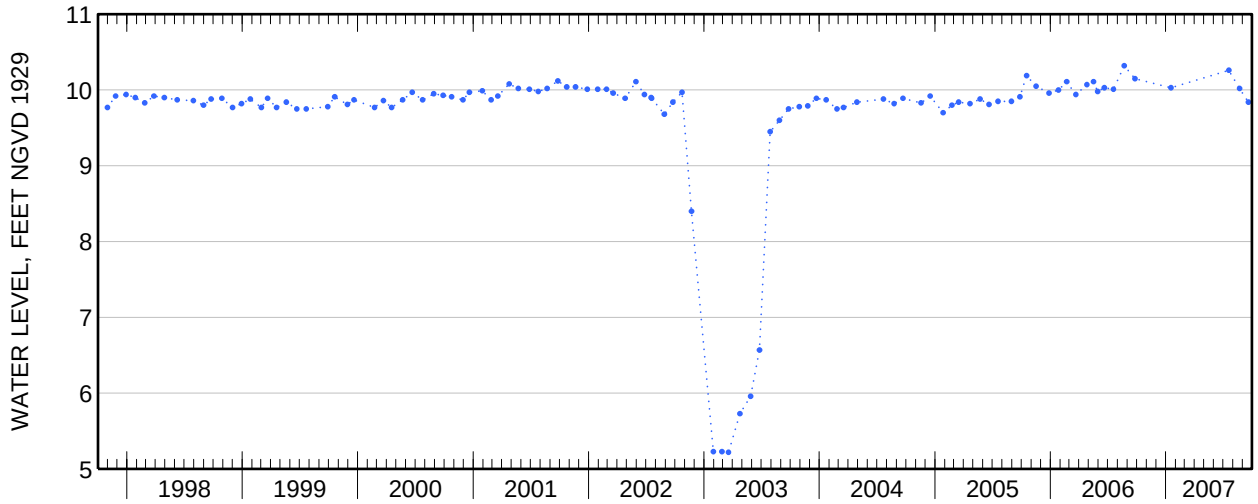
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.32 ft above sea level, August 22, 2006; lowest measured, 5.22 ft above sea level, March 19, 2003.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	10.03	Aug 22	10.02
Jul 19	10.26	Sep 19	9.84



Water-Data Report 2007

404251073512601 Local number Q 3651. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°42′51″, long 73°51′26″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at south side of Manse Street, 45 ft east of Selfridge Street, Forest Hills.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 75 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 51.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 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, 20.95 ft above sea level, September 11, 2007; lowest recorded, 14.66 ft above sea level, August 31, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 20.95 ft above sea level, September 11; lowest recorded, 19.70 ft above sea level, March 8.

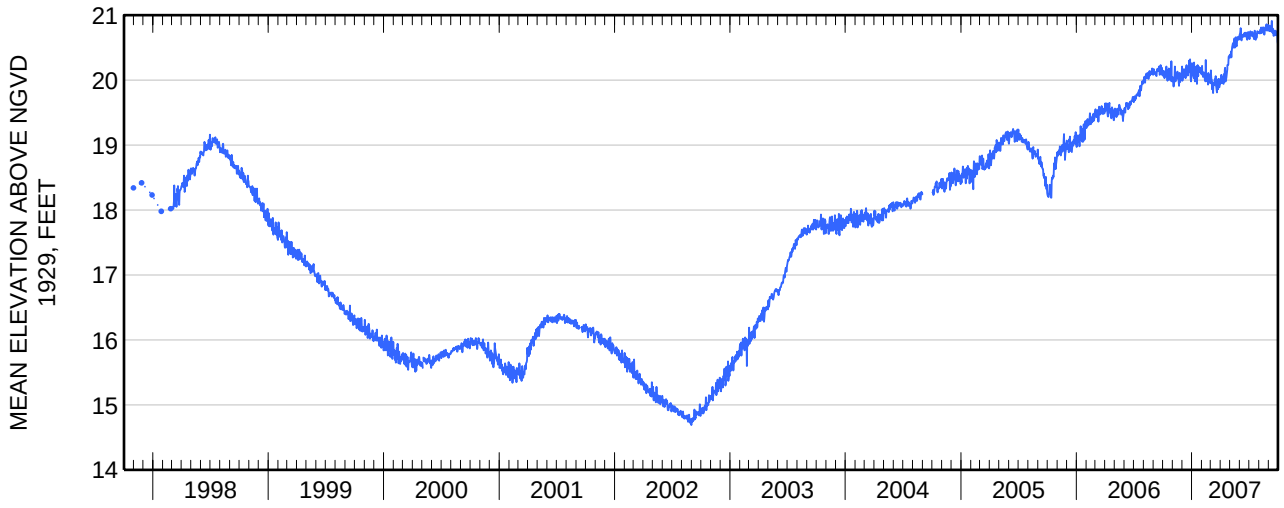
404251073512601 Local number Q 3651. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	20.14	20.04	20.21	20.26	20.13	19.97	19.98	20.35	20.70	20.65	20.73	20.76
2	20.07	20.04	19.99	20.07	20.22	20.15	20.02	20.39	20.71	20.63	20.72	20.76
3	20.09	19.94	20.02	20.08	20.08	20.05	19.95	20.35	20.74	20.64	20.73	20.84
4	20.14	19.90	20.12	20.14	20.08	20.00	20.08	20.40	20.80	20.69	20.74	20.83
5	20.06	19.94	20.05	20.19	20.05	20.00	20.05	20.44	20.72	20.75	20.72	20.76
6	20.03	19.99	20.10	20.18	20.07	19.86	20.02	20.35	20.62	20.72	20.78	20.75
7	20.05	20.06	20.17	20.03	20.12	19.96	20.04	20.43	20.61	20.71	20.75	20.80
8	20.07	20.21	20.06	20.27	20.11	19.86	19.97	20.50	20.70	20.72	20.81	20.82
9	20.13	20.12	20.05	20.13	20.10	19.80	19.96	20.52	20.68	20.69	20.73	20.83
10	20.13	19.98	20.08	20.05	20.05	19.95	19.95	20.54	20.66	20.68	20.78	20.85
11	20.18	20.06	20.05	19.98	20.01	19.92	19.94	20.57	20.69	20.74	20.73	20.91
12	20.21	20.05	20.03	20.09	20.03	19.92	20.09	20.51	20.70	20.68	20.76	20.75
13	20.07	20.09	20.18	20.12	19.98	19.96	19.99	20.50	20.67	20.67	20.81	20.73
14	20.09	20.09	20.19	20.12	20.31	20.01	19.97	20.52	20.68	20.67	20.77	20.79
15	20.02	20.03	20.23	20.21	20.06	19.96	20.16	20.64	20.69	20.70	20.79	20.79
16	19.99	20.13	20.07	20.07	20.08	19.99	20.19	20.63	20.72	20.64	20.81	20.69
17	20.11	20.07	20.13	19.94	20.06	20.06	19.99	20.50	20.73	20.63	20.81	20.68
18	20.15	20.02	20.13	20.10	20.08	19.91	19.98	20.57	20.67	20.70	20.70	20.70
19	20.14	20.05	20.07	20.23	19.98	19.89	20.02	20.65	20.71	20.76	20.75	20.73
20	20.18	19.97	20.10	20.11	20.02	19.84	20.03	20.66	20.73	20.69	20.77	20.76
21	20.01	19.91	20.20	20.06	19.93	19.81	20.09	20.54	20.73	20.63	20.77	20.74
22	20.09	20.02	20.13	20.21	20.11	20.01	20.11	20.52	20.73	20.62	20.78	20.76
23	20.13	20.11	20.30	20.16	20.07	19.96	20.23	20.53	20.68	20.71	20.81	20.71
24	20.11	20.02	20.13	20.13	19.99	19.92	20.23	20.61	20.64	20.65	20.85	20.69
25	20.03	19.97	20.18	20.19	20.01	19.86	20.23	20.66	20.62	20.65	20.86	20.73
26	19.99	20.01	20.32	20.13	20.08	19.97	20.24	20.66	20.65	20.69	20.81	20.74
27	20.05	20.05	20.10	20.18	20.01	20.02	20.36	20.65	20.71	20.75	20.76	20.75
28	20.29	20.02	20.02	20.19	19.95	19.91	20.36	20.66	20.74	20.75	20.78	20.73
29	20.04	20.04	19.98	20.12	---	19.89	20.35	20.62	20.68	20.73	20.81	20.59
30	19.98	20.11	20.09	20.15	---	19.96	20.38	20.66	20.69	20.74	20.85	20.56
31	20.05	---	20.08	20.09	---	19.93	---	20.68	---	20.74	20.84	---
Mean	20.09	20.03	20.11	20.13	20.06	19.95	20.10	20.54	20.69	20.69	20.78	20.75
Max	20.29	20.21	20.32	20.27	20.31	20.15	20.38	20.68	20.80	20.76	20.86	20.91
Min	19.98	19.90	19.98	19.94	19.93	19.80	19.94	20.35	20.61	20.62	20.70	20.56
Med	20.09	20.04	20.10	20.13	20.07	19.96	20.04	20.54	20.69	20.69	20.78	20.75

	Calendar Year 2006	Water Year 2007
Mean	19.75	20.33
Max	20.32	20.91
Min	18.97	19.80
Med	19.73	20.18

404251073512601 Local number Q 3651. 1—Continued



Water-Data Report 2007

404350073494501 Local number Q 3652. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°43′50″, long 73°49′45″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of 68th Drive, 38 ft west of 138th Street, Flushing.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft below land-surface datum.

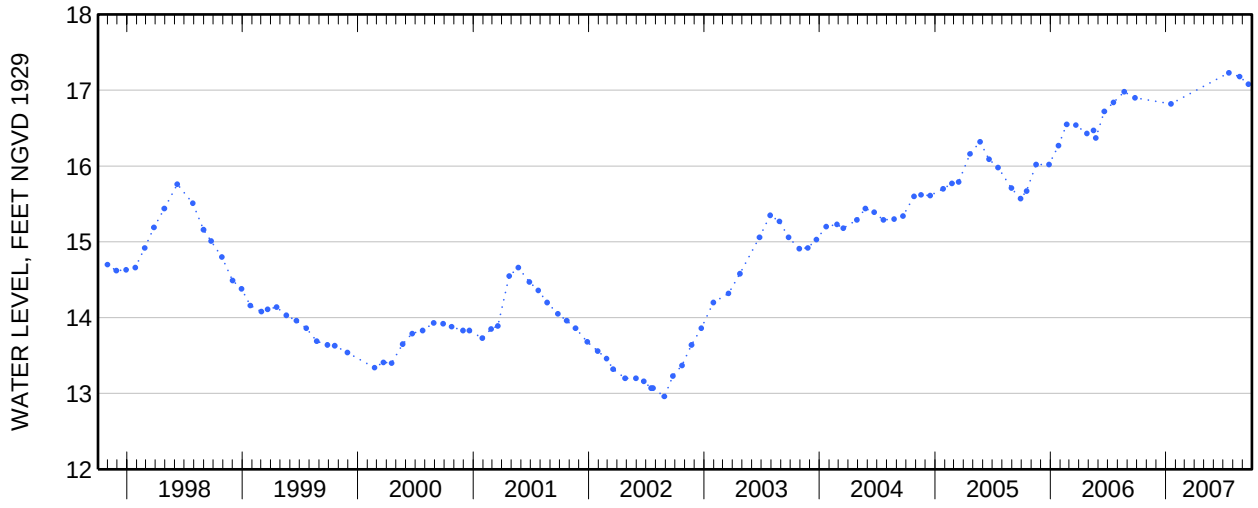
PERIOD OF RECORD.--April 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.23 ft above sea level, July 19, 2007; lowest measured, 10.54 ft above sea level, September 28, 1995.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	16.82	Aug 22	17.18
Jul 19	17.23	Sep 19	17.08



Water-Data Report 2007

404313073475201 Local number Q 3659. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°43′13″, long 73°47′52″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at south side of intersection of Goethals Avenue and 170th Street, south of western entrance to Saint John's University, Jamaica.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 125 ft. Upper casing diameter 2 in; top of first opening 115 ft, bottom of last opening 120 ft.

DATUM.--Land-surface datum is 91.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.28 ft below land-surface datum.

PERIOD OF RECORD.--April 1993 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, 28.92 ft above sea level, February 14, 2007; lowest recorded, 15.76 ft above sea level, August 23, 1993.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 28.92 ft above sea level, February 14; lowest recorded, 27.40 ft above sea level, March 21.

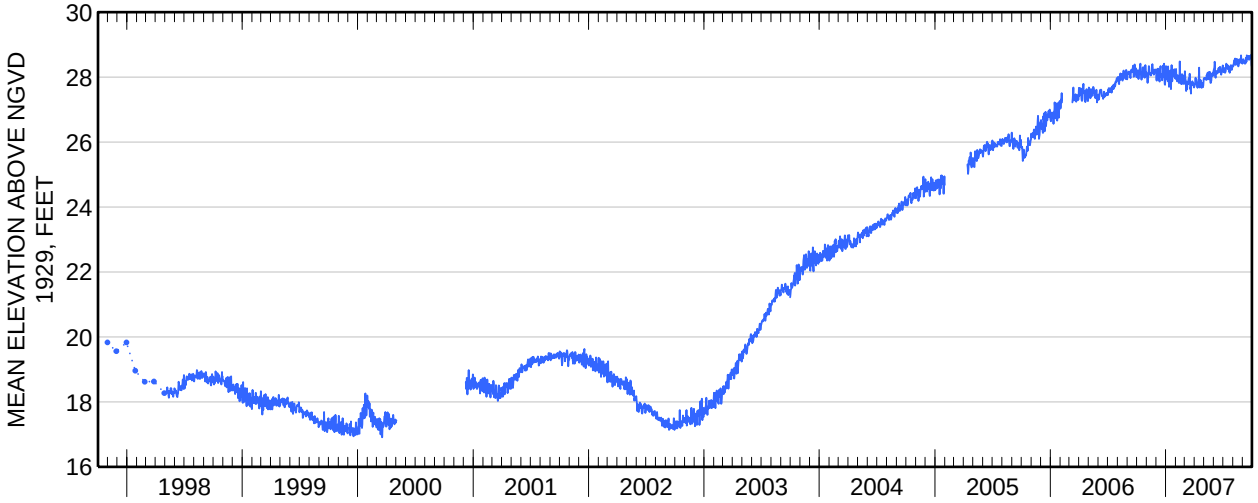
404313073475201 Local number Q 3659. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	28.17	28.09	28.24	28.34	28.00	27.80	27.71	27.95	28.20	28.21	28.36	28.50
2	28.06	28.09	27.93	28.04	28.25	28.18	27.73	27.97	28.23	28.15	28.33	28.47
3	28.08	27.87	27.89	27.94	27.96	28.02	27.77	27.94	28.30	28.16	28.37	28.55
4	28.21	27.82	28.15	28.07	27.93	27.92	27.88	27.97	28.47	28.27	28.44	28.47
5	28.06	27.89	27.98	28.19	27.87	27.89	27.98	27.97	28.28	28.28	28.39	28.49
6	27.94	28.00	28.05	28.26	27.93	27.57	27.88	27.96	28.04	28.15	28.53	28.43
7	28.01	28.15	28.26	27.87	28.06	27.73	27.93	27.96	27.98	28.13	28.45	28.42
8	28.09	28.34	27.97	28.33	28.04	27.78	27.80	27.92	28.19	28.15	28.57	28.41
9	28.22	28.08	27.93	28.12	28.02	27.63	27.75	27.91	28.18	28.18	28.38	28.48
10	28.24	28.13	28.01	27.91	27.94	27.86	27.73	28.06	28.10	28.27	28.47	28.42
11	28.32	28.13	27.92	27.70	27.82	27.84	27.67	28.02	28.16	28.41	28.38	28.59
12	28.41	28.11	27.86	27.98	27.87	27.78	27.79	28.02	28.17	28.31	28.43	28.54
13	28.19	28.12	28.19	28.06	27.83	27.86	27.82	28.13	28.11	28.28	28.56	28.47
14	28.16	28.05	28.24	28.02	28.48	27.96	27.88	27.93	28.13	28.29	28.47	28.67
15	28.01	28.09	28.34	28.20	27.94	27.88	27.97	28.12	28.17	28.37	28.49	28.65
16	27.92	28.14	28.00	28.07	28.01	27.83	28.29	28.15	28.24	28.25	28.52	28.65
17	28.14	28.26	28.06	27.63	27.99	28.10	27.82	28.12	28.28	28.24	28.54	28.56
18	28.02	28.35	28.09	27.97	28.06	27.79	27.68	27.95	28.15	28.32	28.33	28.65
19	28.04	28.40	27.94	28.37	27.78	27.63	27.80	28.10	28.21	28.27	28.38	28.65
20	28.30	28.29	27.90	28.04	28.08	27.68	27.91	28.16	28.30	28.19	28.43	28.59
21	28.01	28.11	28.03	27.87	27.94	27.49	27.90	27.93	28.29	28.20	28.45	28.53
22	28.17	28.19	28.00	28.24	28.08	27.68	27.85	27.82	28.31	28.13	28.53	28.54
23	28.30	28.12	28.36	28.15	27.90	27.78	27.83	27.82	28.22	28.28	28.55	28.65
24	28.23	28.07	28.09	28.07	27.79	27.79	27.67	27.86	28.11	28.33	28.48	28.58
25	28.09	28.18	28.05	28.16	27.83	27.80	27.71	27.96	28.07	28.36	28.44	28.63
26	27.98	28.23	28.41	28.02	28.04	27.87	27.81	28.07	28.12	28.37	28.58	28.59
27	28.06	28.20	28.03	28.20	27.88	27.76	27.81	28.08	28.21	28.32	28.67	28.65
28	28.37	28.19	27.78	28.24	27.79	27.81	27.69	28.12	28.18	28.22	28.53	28.69
29	28.21	28.20	27.76	27.99	---	27.79	27.74	28.03	28.30	28.23	28.48	28.37
30	28.05	28.14	27.97	28.01	---	27.76	27.82	28.11	28.36	28.30	28.45	28.32
31	28.15	---	27.97	27.95	---	27.68	---	28.16	---	28.34	28.41	---
Mean	28.14	28.13	28.05	28.06	27.97	27.80	27.82	28.01	28.20	28.26	28.46	28.54
Max	28.41	28.40	28.41	28.37	28.48	28.18	28.29	28.16	28.47	28.41	28.67	28.69
Min	27.92	27.82	27.76	27.63	27.78	27.49	27.67	27.82	27.98	28.13	28.33	28.32
Med	28.14	28.13	28.01	28.06	27.94	27.79	27.81	27.97	28.19	28.27	28.45	28.55

	Calendar Year 2006	Water Year 2007
Mean	27.72	28.12
Max	28.41	28.69
Min	26.56	27.49
Med	27.72	28.11

404313073475201 Local number Q 3659. 1—Continued



Water-Data Report 2007

404450073470301 Local number Q 3660. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44′50″, long 73°47′03″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at 53rd Avenue, in center grass median, 49 ft west of 195th Street, Springfield Gardens.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.46 ft below land-surface datum.

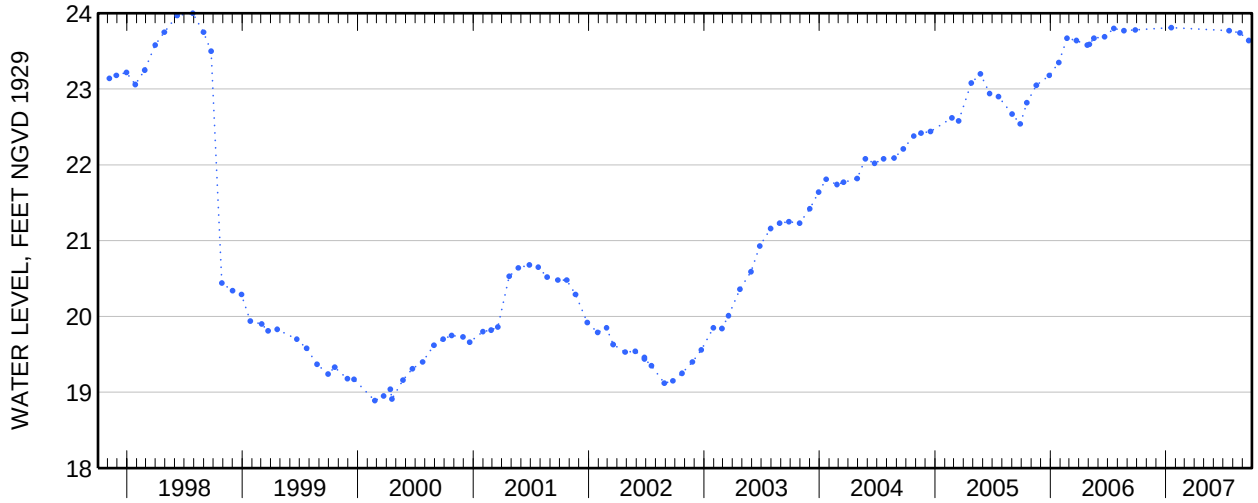
PERIOD OF RECORD.--April 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.00 ft above sea level, July 28, 1998; lowest measured, 18.23 ft above sea level, September 28, 1995.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	23.81	Aug 23	23.74
Jul 20	23.77	Sep 20	23.64



Water-Data Report 2007

404357073462001 Local number Q 3661. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°43′57″, long 73°46′20″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at east side of 199th Street, 250 ft north of Union Turnpike, Fresh Meadows.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 2 in; top of first opening 85 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.52 ft below land-surface datum.

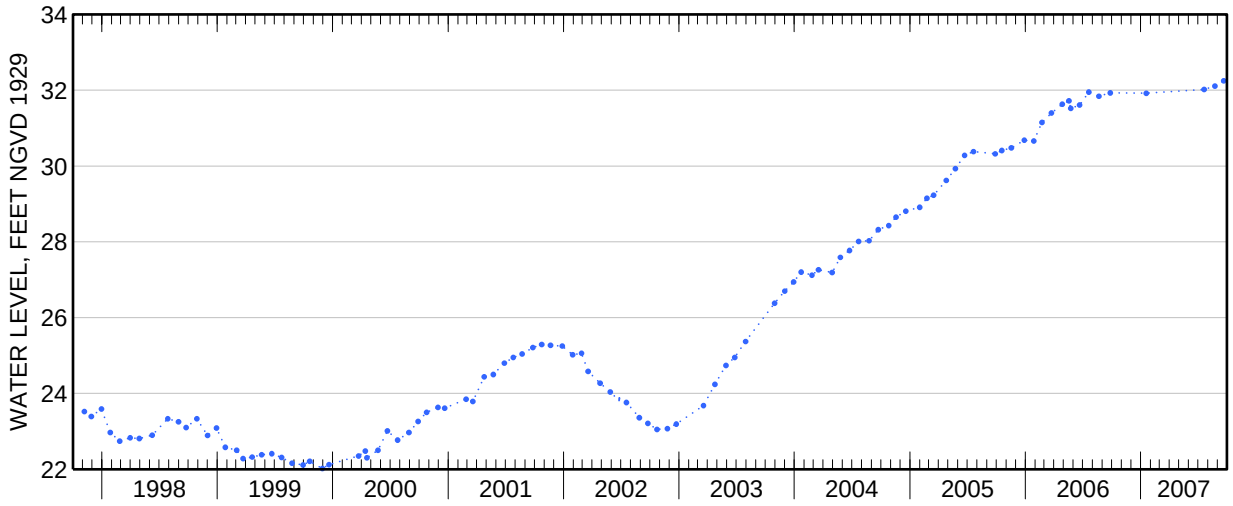
PERIOD OF RECORD.--April 1993 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.25 ft above sea level, September 20, 2007; lowest measured, 16.42 ft above sea level, February 22, 1994.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	31.92	Aug 23	32.11
Jul 20	32.02	Sep 20	32.25



Water-Data Report 2007

404459073422401 Local number Q 3804. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44′59″, long 73°42′24″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at intersection of Union Turnpike, 78th Avenue, and 268th Street, near center of grass triangle, Glen Oaks.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 115 ft. Upper casing diameter 2 in; top of first opening 105 ft, bottom of last opening 115 ft.

DATUM.--Land-surface datum is 121 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.54 ft below land-surface datum.

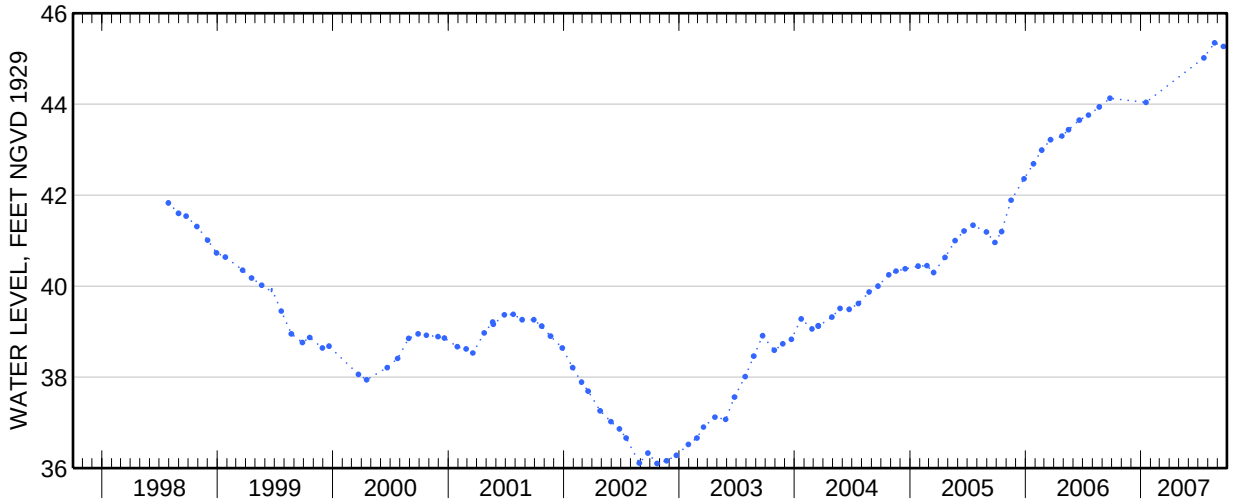
PERIOD OF RECORD.--July 1998 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.35 ft above sea level, August 22, 2007; lowest measured, 36.10 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	44.04	Aug 22	45.35
Jul 19	45.02	Sep 19	45.27



Water-Data Report 2007

404504073444401 Local number Q 3805. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′04″, long 73°44′44″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at east side of 233rd Street, 128 ft south of West Alley Road, Alley Pond Park.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 115 ft. Upper casing diameter 2 in; top of first opening 100 ft, bottom of last opening 110 ft.

DATUM.--Land-surface datum is 112 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.27 ft below land-surface datum.

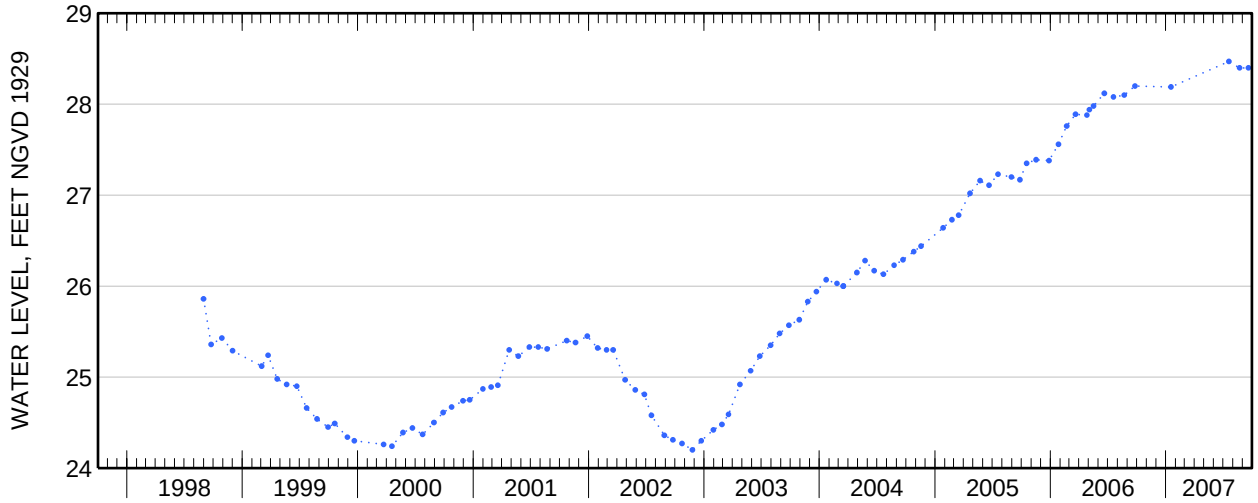
PERIOD OF RECORD.--August 1998 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.47 ft above sea level, July 19, 2007; lowest measured, 24.20 ft above sea level, November 25, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 17	28.19	Aug 22	28.40
Jul 19	28.47	Sep 19	28.40



Water-Data Report 2007

404539073465301 Local number Q 3806. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′39″, long 73°46′53″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at west side of 204th Street, 99 ft north of 42nd Avenue, Auburndale.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 70 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.14 ft below land-surface datum.

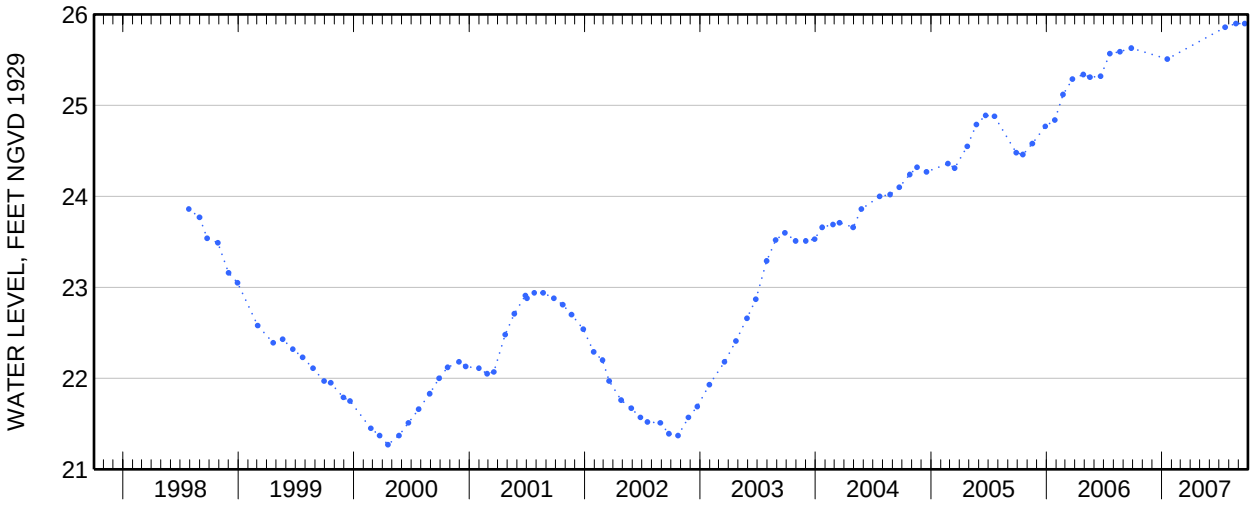
PERIOD OF RECORD.--July 1998 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.90 ft above sea level, August 23 and September 20, 2007; lowest measured, 21.27 ft above sea level, April 18, 2000.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	25.51	Aug 23	25.90
Jul 20	25.86	Sep 20	25.90



Water-Data Report 2007

404152073511303 Local number Q 3807. 3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°41′52″, long 73°51′13″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at west side of Woodhaven Boulevard, 25 ft north of Park Lane South, Woodhaven.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.99 ft below land-surface datum.

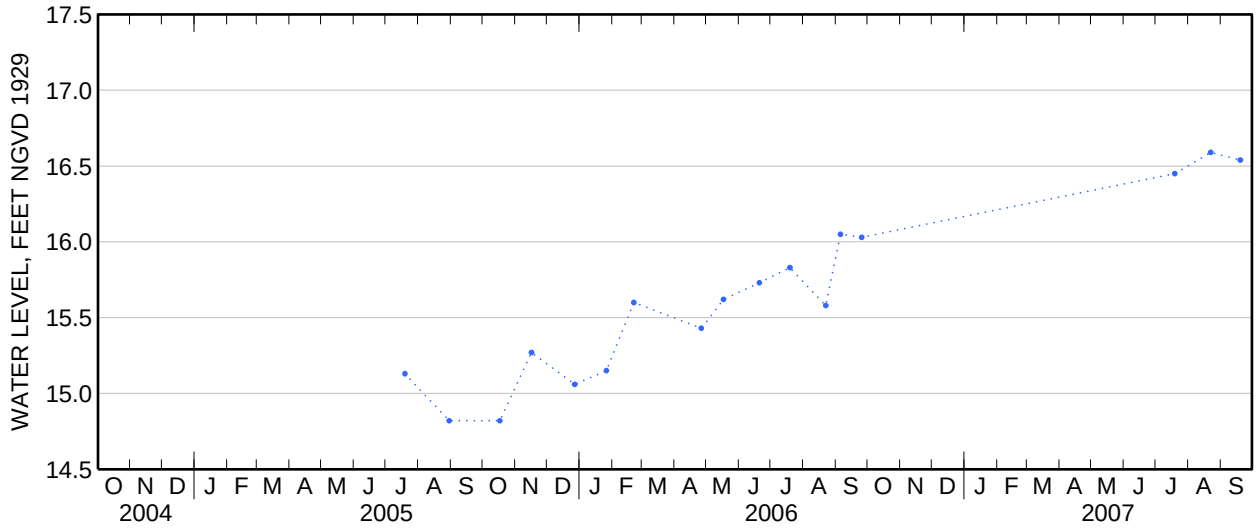
PERIOD OF RECORD.--July 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.59 ft above sea level, August 22, 2007; lowest measured, 14.82 ft above sea level, August 30 and October 17, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jul 19	16.45	Sep 19	16.54
Aug 22	16.59		



Water-Data Report 2007

404232073524401 Local number Q 3808. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°42′32″, long 73°52′44″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at west side of 73rd Place, between Cook Avenue and 69th Avenue, Middle Village.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 115 ft. Upper casing diameter 2 in; top of first opening 100 ft, bottom of last opening 110 ft.

DATUM.--Land-surface datum is 111 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.52 ft below land-surface datum.

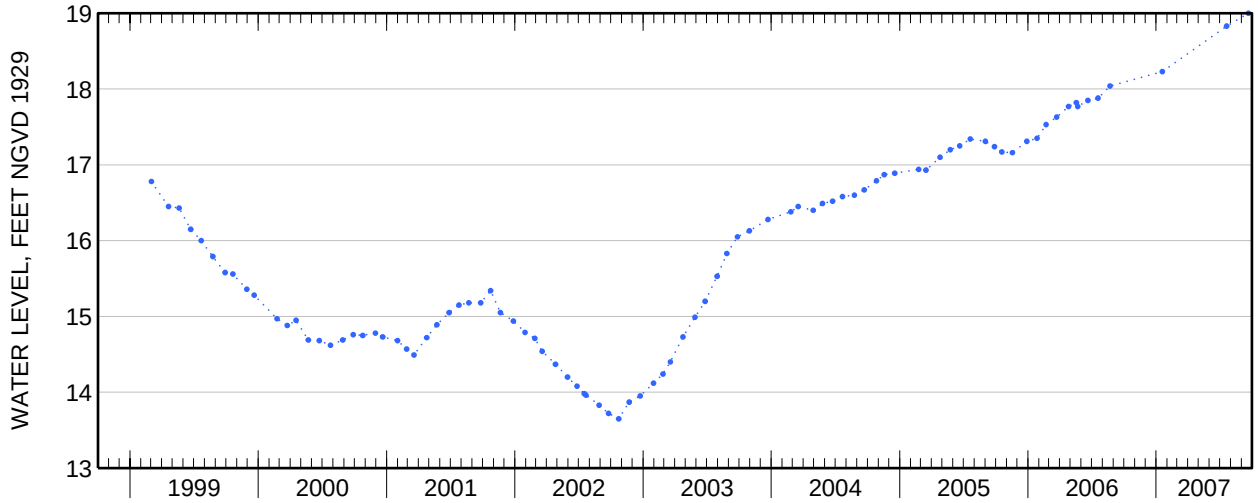
PERIOD OF RECORD.--March 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.00 ft above sea level, September 20, 2007; lowest measured, 13.65 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	18.23	Sep 20	19.00
Jul 20	18.83		



Water-Data Report 2007

404407073551501 Local number Q 3809. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44′07″, long 73°55′15″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at south side of 51th Street, 30 ft east of 46th Street, Maspeth.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 90.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

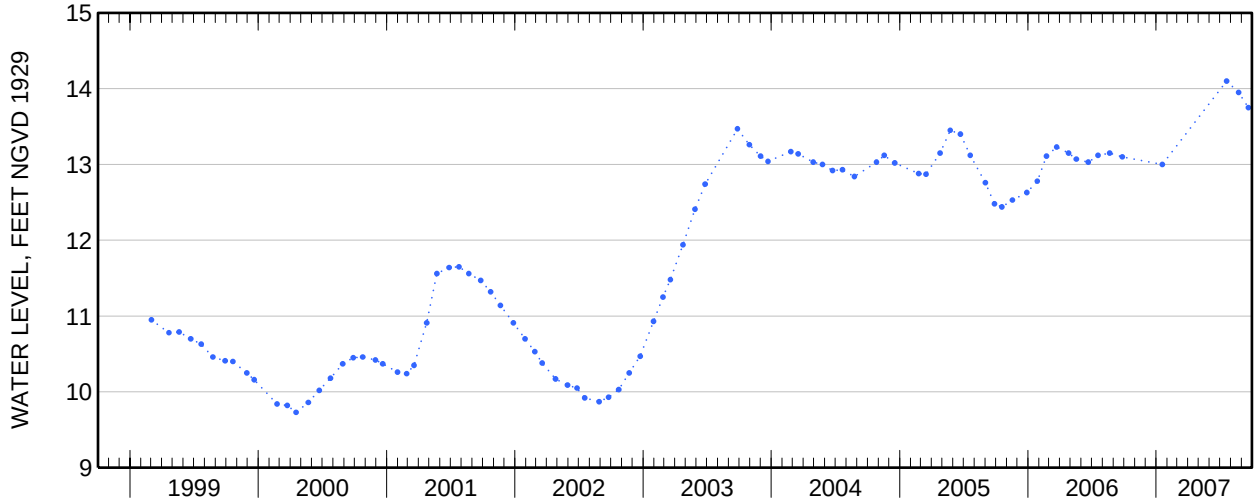
PERIOD OF RECORD.--March 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.10 ft above sea level, July 20, 2007; lowest measured, 9.73 ft above sea level, April 17, 2000.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	13.00	Aug 23	13.95
Jul 20	14.10	Sep 20	13.75



Water-Data Report 2007

404416073491802 Local number Q 3810. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°44'16.1", long 73°49'17.0" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at the City University of New York, Queens College Campus, south of intersection with Reeves Avenue and 150th Street, just west of northwest corner of elevated parking garage, Flushing.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 70 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 76.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.61 ft below land-surface datum.

PERIOD OF RECORD.--April to August 2005 and September 2006 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 Q3810.1 in April 2004 near same location. Telephone water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.14 ft above sea level, August 13, 17, 22, 24, 25, and 26, 2007; lowest recorded, 14.12 ft above sea level, April 24, 2005.

EXTREMES FOR CURRENT PERIOD.--April to August 2005: Highest water level recorded, 15.36 ft above sea level, May 5; lowest recorded, 14.12 ft above sea level, April 24. September 2006: Highest water level recorded, 18.84 ft above sea level, September 16 and 17; lowest recorded, 18.64 ft above sea level, September 30. Water Year 2007: Highest water level recorded, 19.14 ft above sea level, August 13, 17, 22, 24, 25, and 26; lowest recorded, 18.46 ft above sea level, March 20 and 21.

404416073491802 Local number Q 3810. 2—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	14.71	15.19	14.74	14.82	---
2	---	---	---	---	---	---	---	14.88	15.18	14.81	14.68	---
3	---	---	---	---	---	---	---	14.98	15.06	15.01	14.66	---
4	---	---	---	---	---	---	---	15.18	14.89	15.01	14.71	---
5	---	---	---	---	---	---	---	15.31	14.92	14.87	14.69	---
6	---	---	---	---	---	---	14.86	15.12	14.94	14.80	14.79	---
7	---	---	---	---	---	---	14.68	14.77	14.85	14.95	14.80	---
8	---	---	---	---	---	---	14.69	14.74	14.92	14.90	14.79	---
9	---	---	---	---	---	---	14.89	14.88	15.04	14.97	14.76	---
10	---	---	---	---	---	---	14.82	14.93	15.05	14.97	14.66	---
11	---	---	---	---	---	---	14.88	14.83	14.99	14.92	14.62	---
12	---	---	---	---	---	---	14.82	14.95	14.94	14.94	14.65	---
13	---	---	---	---	---	---	14.75	15.11	14.78	14.91	14.59	---
14	---	---	---	---	---	---	14.86	14.78	14.64	14.88	---	---
15	---	---	---	---	---	---	15.17	14.64	14.65	14.90	---	---
16	---	---	---	---	---	---	15.24	14.76	14.66	14.94	---	---
17	---	---	---	---	---	---	14.94	14.91	14.75	14.90	---	---
18	---	---	---	---	---	---	14.82	14.95	14.90	14.81	---	---
19	---	---	---	---	---	---	14.76	14.96	15.13	14.75	---	---
20	---	---	---	---	---	---	14.55	14.88	15.16	14.78	---	---
21	---	---	---	---	---	---	14.64	14.76	14.97	14.76	---	---
22	---	---	---	---	---	---	14.72	14.67	14.88	14.72	---	---
23	---	---	---	---	---	---	14.34	14.60	15.06	14.79	---	---
24	---	---	---	---	---	---	14.21	14.69	15.05	14.83	---	---
25	---	---	---	---	---	---	14.43	14.73	14.99	14.68	---	---
26	---	---	---	---	---	---	14.72	14.72	15.00	14.65	---	---
27	---	---	---	---	---	---	14.58	14.79	15.05	14.61	---	---
28	---	---	---	---	---	---	14.69	14.84	14.93	14.80	---	---
29	---	---	---	---	---	---	14.86	14.85	14.89	14.88	---	---
30	---	---	---	---	---	---	14.74	14.93	14.84	14.94	---	---
31	---	---	---	---	---	---	---	15.03	---	14.93	---	---
Mean	---	---	---	---	---	---	14.75	14.87	14.94	14.85	---	---
Max	---	---	---	---	---	---	15.24	15.31	15.19	15.01	---	---
Min	---	---	---	---	---	---	14.21	14.60	14.64	14.61	---	---
Med	---	---	---	---	---	---	14.75	14.85	14.94	14.88	---	---

	Water Year 2005
Mean	14.84
Max	15.31
Min	14.21
Med	14.84

404416073491802 Local number Q 3810. 2—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	18.83
17	---	---	---	---	---	---	---	---	---	---	---	18.82
18	---	---	---	---	---	---	---	---	---	---	---	18.81
19	---	---	---	---	---	---	---	---	---	---	---	18.81
20	---	---	---	---	---	---	---	---	---	---	---	18.78
21	---	---	---	---	---	---	---	---	---	---	---	18.72
22	---	---	---	---	---	---	---	---	---	---	---	18.70
23	---	---	---	---	---	---	---	---	---	---	---	18.76
24	---	---	---	---	---	---	---	---	---	---	---	18.79
25	---	---	---	---	---	---	---	---	---	---	---	18.74
26	---	---	---	---	---	---	---	---	---	---	---	18.70
27	---	---	---	---	---	---	---	---	---	---	---	18.70
28	---	---	---	---	---	---	---	---	---	---	---	18.73
29	---	---	---	---	---	---	---	---	---	---	---	18.71
30	---	---	---	---	---	---	---	---	---	---	---	18.65
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	18.75
Max	---	---	---	---	---	---	---	---	---	---	---	18.83
Min	---	---	---	---	---	---	---	---	---	---	---	18.65
Med	---	---	---	---	---	---	---	---	---	---	---	18.74

	Calendar Year 2005	Water Year 2006
Mean	14.84	18.75
Max	15.31	18.83
Min	14.21	18.65
Med	14.84	18.74

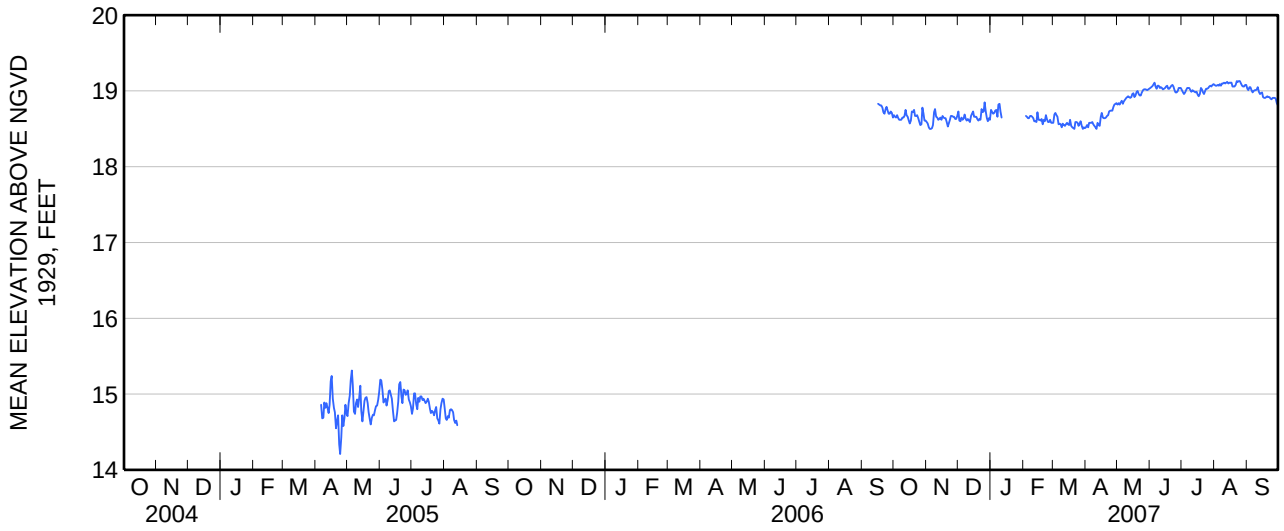
404416073491802 Local number Q 3810. 2—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	18.68	18.59	18.73	18.75	---	18.58	18.52	18.82	19.04	19.01	19.08	19.03
2	18.66	18.57	18.61	18.72	---	18.69	18.55	18.84	19.05	18.98	19.07	19.01
3	18.65	18.52	18.60	18.70	18.67	18.71	18.52	18.82	19.06	18.96	19.07	19.05
4	18.68	18.50	18.65	18.71	18.66	18.68	18.58	18.85	19.09	18.98	19.08	19.05
5	18.64	18.50	18.62	18.74	18.64	18.66	18.58	18.87	19.11	19.01	19.07	19.01
6	18.62	18.51	18.64	18.75	18.64	18.56	18.58	18.83	19.06	19.04	19.09	18.98
7	18.62	18.55	18.69	18.66	18.67	18.57	18.59	18.86	19.03	19.04	19.07	19.00
8	18.62	18.72	18.63	18.82	18.67	18.56	18.56	18.89	19.07	19.04	19.10	19.01
9	18.65	18.76	18.61	18.83	18.66	18.52	18.54	18.90	19.07	19.01	19.10	19.01
10	18.65	18.66	18.63	18.73	18.64	18.57	18.52	18.92	19.04	18.99	19.11	19.02
11	18.67	18.65	18.61	18.65	18.60	18.55	18.50	18.93	19.05	19.01	19.10	19.05
12	18.75	18.62	18.59	---	18.60	18.54	18.58	18.92	19.04	19.00	19.11	18.99
13	18.68	18.63	18.67	---	18.59	18.56	18.55	18.91	19.02	18.99	19.12	18.96
14	18.66	18.65	18.70	---	18.72	18.58	18.54	18.92	19.03	18.98	19.10	18.97
15	18.61	18.62	18.73	---	18.62	18.56	18.66	18.96	19.04	18.99	19.11	18.98
16	18.57	18.67	18.66	---	18.62	18.55	18.71	18.97	19.06	18.95	19.11	18.92
17	18.61	18.65	18.66	---	18.61	18.62	18.65	18.92	19.07	18.93	19.11	18.91
18	18.73	18.64	18.66	---	18.63	18.54	18.64	18.94	19.03	18.96	19.06	18.91
19	18.72	18.64	18.63	---	18.56	18.52	18.64	18.99	19.03	19.04	19.06	18.92
20	18.75	18.59	18.61	---	18.62	18.51	18.65	19.00	19.05	19.02	19.06	18.93
21	18.67	18.53	18.63	---	18.60	18.50	18.67	18.96	19.07	18.98	19.08	18.92
22	18.67	18.57	18.62	---	18.68	18.59	18.68	18.94	19.08	18.96	19.13	18.92
23	18.68	18.62	18.76	---	18.63	18.59	18.73	18.94	19.06	19.00	19.12	18.90
24	18.64	18.67	18.72	---	18.59	18.58	18.74	18.98	19.01	19.03	19.13	18.89
25	18.59	18.67	18.73	---	18.59	18.54	18.74	19.01	18.98	19.03	19.13	18.91
26	18.55	18.66	18.85	---	18.62	18.57	18.74	19.02	18.98	19.04	19.10	18.91
27	18.56	18.66	18.73	---	18.58	18.60	18.79	19.02	19.00	19.06	19.07	18.91
28	18.78	18.63	18.64	---	18.58	18.54	18.82	19.02	19.04	19.07	19.06	18.90
29	18.70	18.63	18.60	---	---	18.50	18.83	19.01	19.04	19.06	19.06	18.84
30	18.61	18.67	18.64	---	---	18.52	18.84	19.02	19.04	19.08	19.08	18.81
31	18.61	---	18.62	---	---	18.51	---	19.03	---	19.09	19.08	---
Mean	18.65	18.62	18.66	---	18.63	18.57	18.64	18.94	19.04	19.01	19.09	18.95
Max	18.78	18.76	18.85	---	18.72	18.71	18.84	19.03	19.11	19.09	19.13	19.05
Min	18.55	18.50	18.59	---	18.56	18.50	18.50	18.82	18.98	18.93	19.06	18.81
Med	18.65	18.63	18.64	---	18.62	18.56	18.64	18.94	19.04	19.01	19.09	18.94

	Calendar Year 2006	Water Year 2007
Mean	18.66	18.80
Max	18.85	19.13
Min	18.50	18.50
Med	18.65	18.73

404416073491802 Local number Q 3810. 2—Continued



Water-Data Report 2007

404147073475301 Local number Q 3811. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°41′47″, long 73°47′50″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030202, at east side of 157th Street, 75 ft north of 107th Avenue, Jamaica.

GROUND-WATER RECORDS

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

DATUM.--Land-surface datum is 37.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.52 ft below land-surface datum.

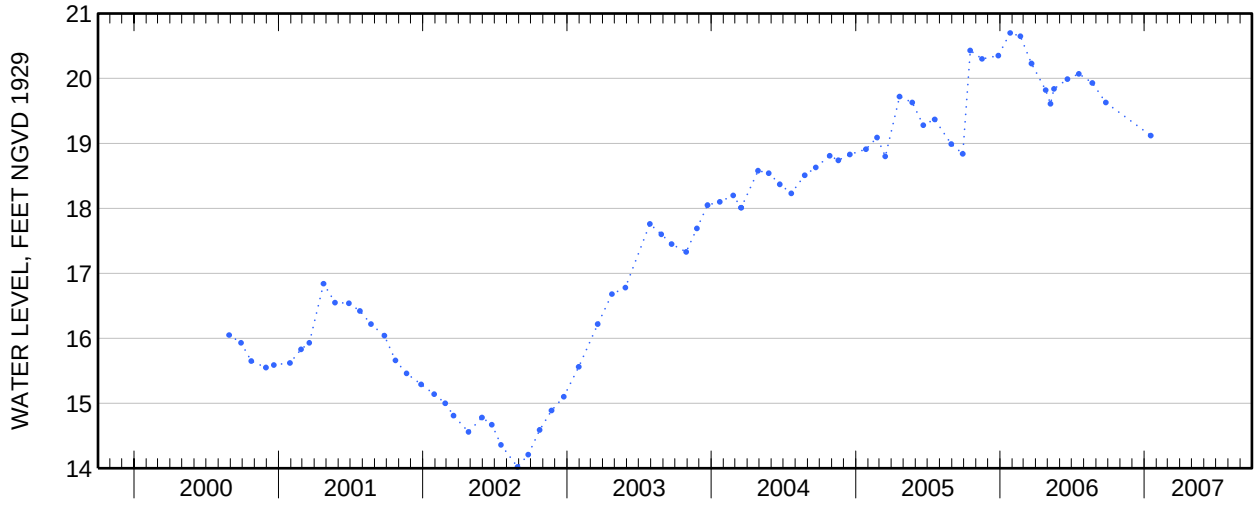
PERIOD OF RECORD.--August 2000 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.70 ft above sea level, January 26, 2006; lowest measured, 14.02 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level
Jan 17	19.12



Water-Data Report 2007

404509073485301 Local number Q 3812. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°45′09″, long 73°48′53″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at south side of Jasmine Avenue, 40 ft east of Burling Street, Flushing.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 55 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 casing, 0.23 ft below land-surface datum.

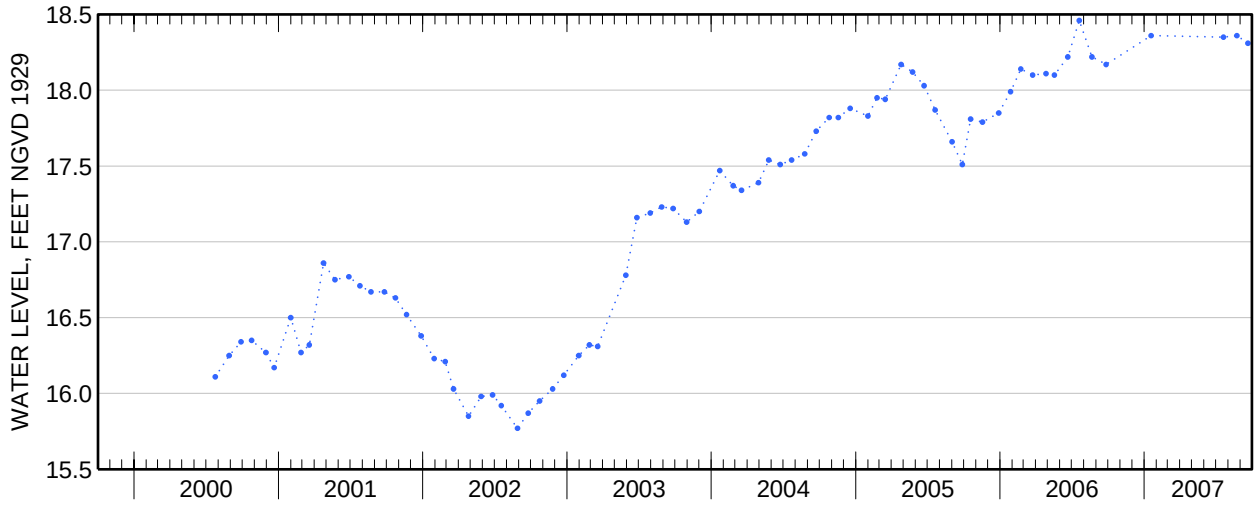
PERIOD OF RECORD.--July 2000 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.46 ft above sea level, July 20, 2006; lowest measured, 15.77 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	18.36	Aug 23	18.36
Jul 20	18.35	Sep 20	18.31



Water-Data Report 2007

404337073540301 Local number Q 3814. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°43′37″, long 73°54′03″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of 55th Avenue, 50 ft west of 65th Place, Maspeth.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 24 ft. Upper casing diameter 2 in; top of first opening 14 ft, bottom of last opening 24 ft.

DATUM.--Land-surface datum is 53.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.06 ft below land-surface datum.

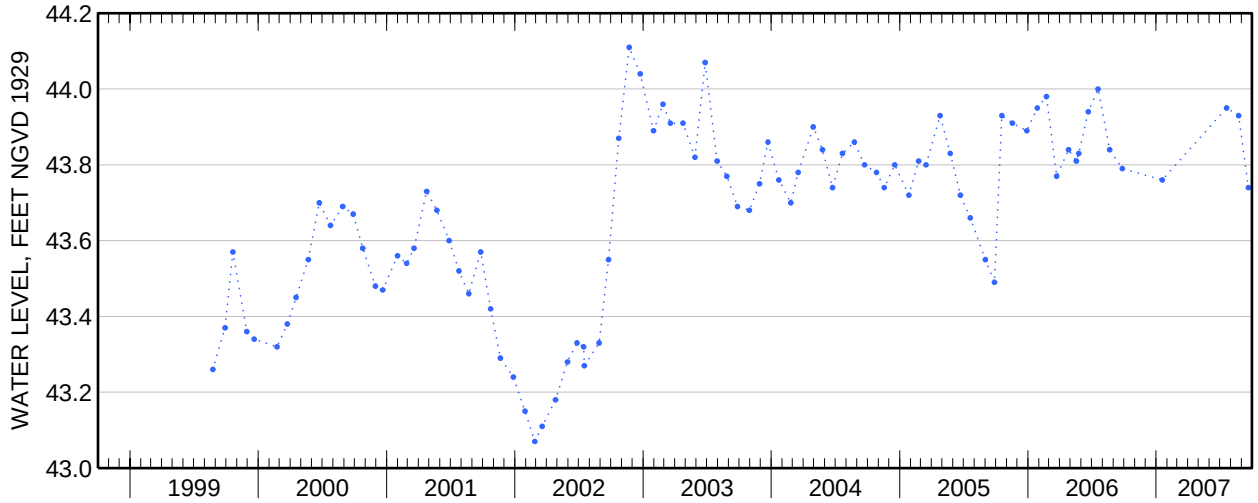
PERIOD OF RECORD.--August 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.11 ft above sea level, November 22, 2002; lowest measured, 43.07 ft above sea level, February 26, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	43.76	Aug 23	43.93
Jul 20	43.95	Sep 20	43.74



Water-Data Report 2007

404617073483201 Local number Q 3815. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°46′17″, long 73°48′32″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at south side of 29th Avenue, south of intersection with 156th Court, at north side of Bowne Park, Flushing.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.08 ft below land-surface datum.

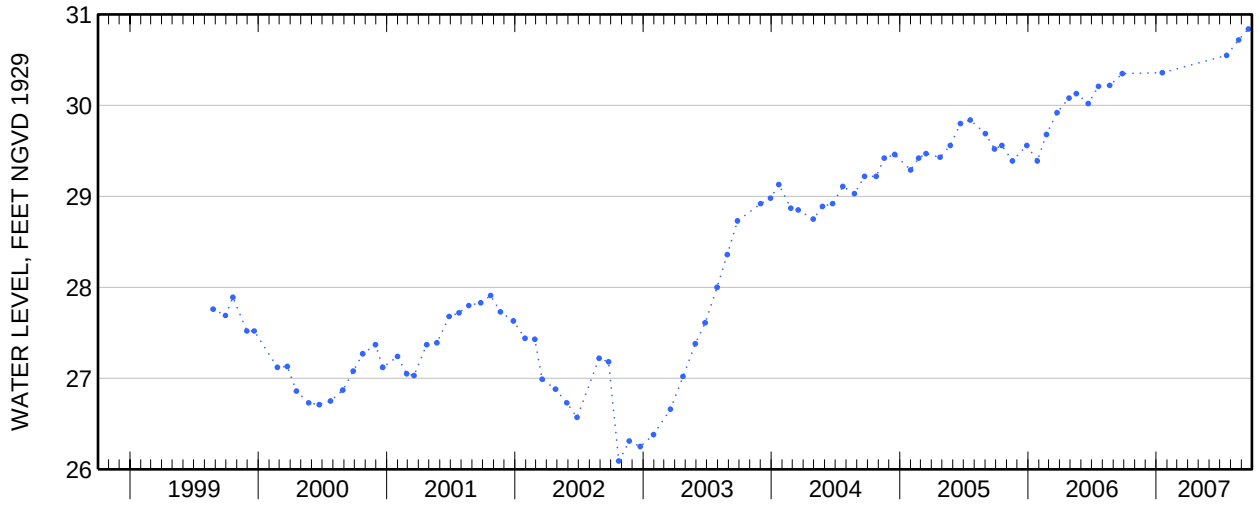
PERIOD OF RECORD.--August 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.84 ft above sea level, September 20, 2007; lowest measured, 26.09 ft above sea level, October 23, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	30.36	Aug 23	30.72
Jul 20	30.55	Sep 20	30.84



Water-Data Report 2007

404653073485301 Local number Q 3816. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Queens County, NY

LOCATION.--Lat 40°46′53″, long 73°48′53″ referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at north side of 18th Avenue, 20 ft east of 150th Street, Whitestone.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 2 in; top of first opening 50 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 51.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.16 ft below land-surface datum.

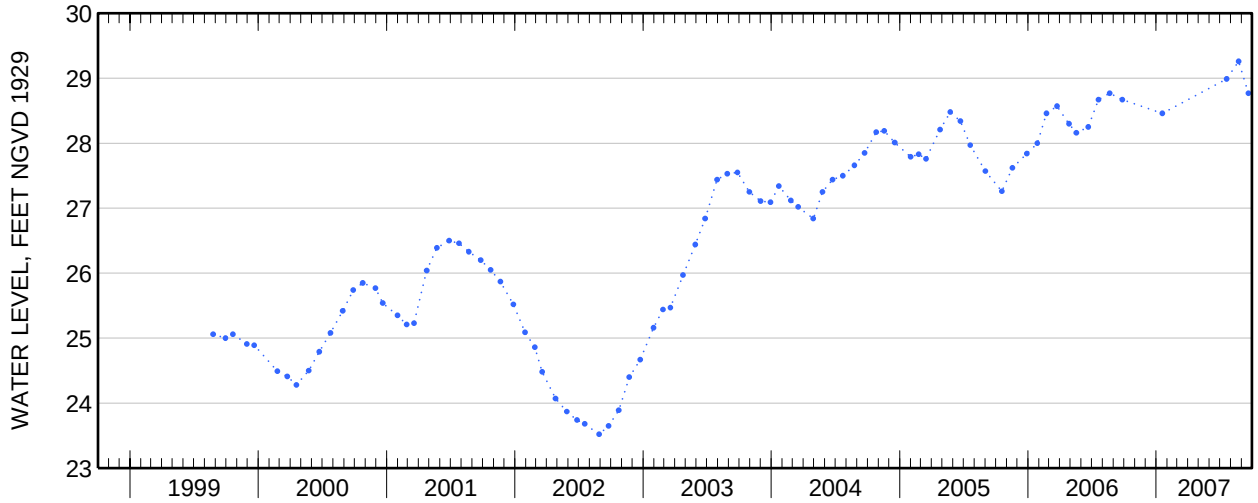
PERIOD OF RECORD.--August 1999 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.26 ft above sea level, August 23, 2007; lowest measured, 23.52 ft above sea level, August 28, 2002.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007

Date	Water level	Date	Water level
Jan 18	28.46	Aug 23	29.26
Jul 20	28.99	Sep 20	28.77



Water-Data Report 2007

404416073491801 Local number Q 3905. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Queens County, NY

LOCATION.--Lat 40°44'16.8", long 73°49'18.5" referenced to North American Datum of 1927, Queens County, NY, Hydrologic Unit 02030201, at the City University of New York, Queens College Campus, south of intersection with Reeves Avenue and 150th Street, just west of northwest corner of elevated parking garage, Flushing.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 435 ft. Upper casing diameter 4 in; top of first opening 425 ft, bottom of last opening 435 ft.

DATUM.--Land-surface datum is 77 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

PERIOD OF RECORD.--September 2006 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.--Telephone water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.32 ft above sea level, December 26, 2006; lowest recorded, 7.57 ft above sea level, September 16, 2006.

EXTREMES FOR CURRENT PERIOD.--September 2006: Highest water level recorded, 8.08 ft above sea level, September 29; lowest recorded, 7.57 ft above sea level, September 16. Water Year 2007: Highest water level recorded, 10.32 ft above sea level, December 26; lowest recorded, 7.90 ft above sea level, October 7, 8, 9, and 10.

404416073491801 Local number Q 3905. 1—Continued

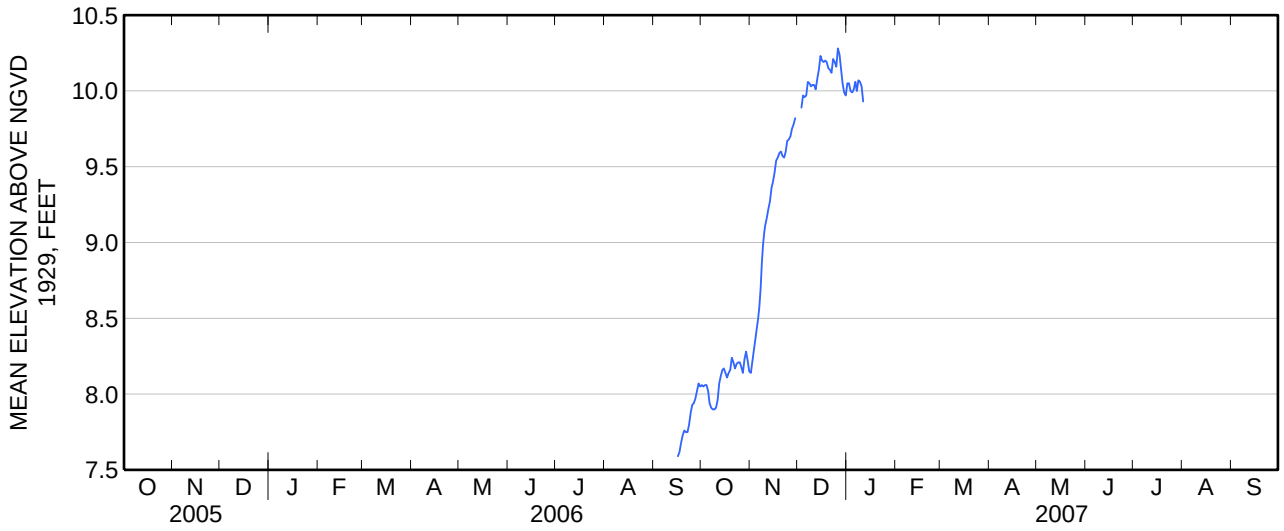
ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	7.59
17	---	---	---	---	---	---	---	---	---	---	---	7.62
18	---	---	---	---	---	---	---	---	---	---	---	7.68
19	---	---	---	---	---	---	---	---	---	---	---	7.73
20	---	---	---	---	---	---	---	---	---	---	---	7.76
21	---	---	---	---	---	---	---	---	---	---	---	7.75
22	---	---	---	---	---	---	---	---	---	---	---	7.75
23	---	---	---	---	---	---	---	---	---	---	---	7.80
24	---	---	---	---	---	---	---	---	---	---	---	7.88
25	---	---	---	---	---	---	---	---	---	---	---	7.93
26	---	---	---	---	---	---	---	---	---	---	---	7.94
27	---	---	---	---	---	---	---	---	---	---	---	7.97
28	---	---	---	---	---	---	---	---	---	---	---	8.02
29	---	---	---	---	---	---	---	---	---	---	---	8.07
30	---	---	---	---	---	---	---	---	---	---	---	8.05
31	---	---	---	---	---	---	---	---	---	---	---	---
Mean	---	---	---	---	---	---	---	---	---	---	---	---
Max	---	---	---	---	---	---	---	---	---	---	---	---
Min	---	---	---	---	---	---	---	---	---	---	---	---
Med	---	---	---	---	---	---	---	---	---	---	---	---

404416073491801 Local number Q 3905. 1—Continued

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.06	8.14	---	10.05	---	---	---	---	---	---	---	---
2	8.05	8.22	---	10.05	---	---	---	---	---	---	---	---
3	8.06	8.30	9.89	10.00	---	---	---	---	---	---	---	---
4	8.06	8.37	9.97	9.99	---	---	---	---	---	---	---	---
5	8.02	8.45	9.96	10.01	---	---	---	---	---	---	---	---
6	7.94	8.54	9.97	10.06	---	---	---	---	---	---	---	---
7	7.91	8.66	10.06	10.00	---	---	---	---	---	---	---	---
8	7.90	8.86	10.05	10.07	---	---	---	---	---	---	---	---
9	7.90	9.03	10.03	10.06	---	---	---	---	---	---	---	---
10	7.91	9.11	10.04	10.03	---	---	---	---	---	---	---	---
11	7.96	9.16	10.04	9.93	---	---	---	---	---	---	---	---
12	8.07	9.22	10.01	---	---	---	---	---	---	---	---	---
13	8.12	9.27	10.08	---	---	---	---	---	---	---	---	---
14	8.16	9.36	10.14	---	---	---	---	---	---	---	---	---
15	8.17	9.40	10.23	---	---	---	---	---	---	---	---	---
16	8.14	9.46	10.20	---	---	---	---	---	---	---	---	---
17	8.11	9.54	10.19	---	---	---	---	---	---	---	---	---
18	8.14	9.56	10.20	---	---	---	---	---	---	---	---	---
19	8.16	9.59	10.19	---	---	---	---	---	---	---	---	---
20	8.24	9.60	10.15	---	---	---	---	---	---	---	---	---
21	8.21	9.57	10.14	---	---	---	---	---	---	---	---	---
22	8.17	9.56	10.12	---	---	---	---	---	---	---	---	---
23	8.20	9.60	10.21	---	---	---	---	---	---	---	---	---
24	8.21	9.67	10.19	---	---	---	---	---	---	---	---	---
25	8.21	9.68	10.16	---	---	---	---	---	---	---	---	---
26	8.18	9.70	10.28	---	---	---	---	---	---	---	---	---
27	8.14	9.75	10.24	---	---	---	---	---	---	---	---	---
28	8.23	9.78	10.15	---	---	---	---	---	---	---	---	---
29	8.28	9.82	10.05	---	---	---	---	---	---	---	---	---
30	8.22	---	9.99	---	---	---	---	---	---	---	---	---
31	8.15	---	9.97	---	---	---	---	---	---	---	---	---
Mean	8.11	9.21	10.10	---	---	---	---	---	---	---	---	---
Max	8.28	9.82	10.28	---	---	---	---	---	---	---	---	---
Min	7.90	8.14	9.89	---	---	---	---	---	---	---	---	---
Med	8.14	9.40	10.12	---	---	---	---	---	---	---	---	---

	Calendar Year 2006	Water Year 2007
Mean	8.93	9.21
Max	10.28	10.28
Min	7.59	7.90
Med	8.60	9.56

404416073491801 Local number Q 3905. 1—Continued