Water-Data Report 2009

404236073592201 Local number NY 177. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°42'36.65", long 73°59'22.55" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of South Street, 153 ft east of Rutgers Slip, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 3 in; top of first opening 224.7 ft, bottom of last opening 600 ft. Cased to 224.7 ft, open hole.

DATUM.--Land-surface datum is 6.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

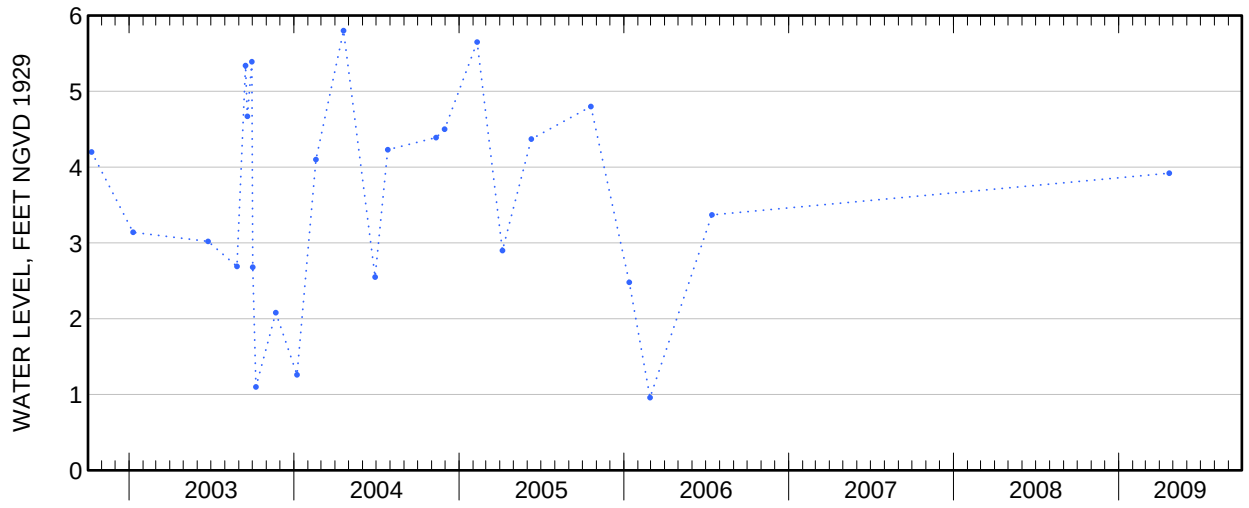
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.80 ft above sea level, April 19, 2004; lowest measured, 0.96 ft above sea level, February 27, 2006.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level
Apr 22	3.92



Water-Data Report 2009

404243073594901 Local number NY 218. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°42'43.25", long 73°59'46.98" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Madison Street, 252 ft east of Catherine Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 604 ft. Upper casing diameter 3 in; top of first opening 130 ft, bottom of last opening 604 ft. Cased to 130 ft, open hole.

DATUM.--Land-surface datum is 24.99 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

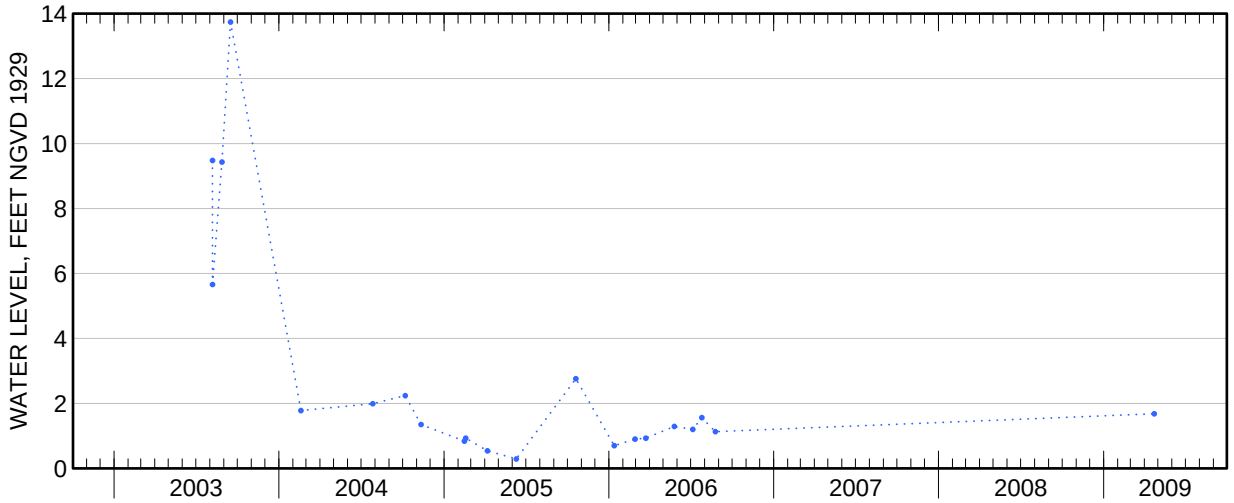
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.74 ft above sea level, September 15, 2003; lowest measured, 0.29 ft above sea level, June 9, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level
Apr 22	1.68



Water-Data Report 2009

404247073595801 Local number NY 193. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°42'47.39", long 73°59'55.90" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Chatam Square, 39 ft west of St. James Place, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 651.9 ft. Upper casing diameter 3 in; top of first opening 182 ft, bottom of last opening 651.9 ft. Cased to 182 ft, open hole.

DATUM.--Land-surface datum is 29.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum, distance above land-surface datum not defined, UNDEFINED BEGIN DATE to present.

PERIOD OF RECORD.--May 2001 to August 2006 and April 2009.

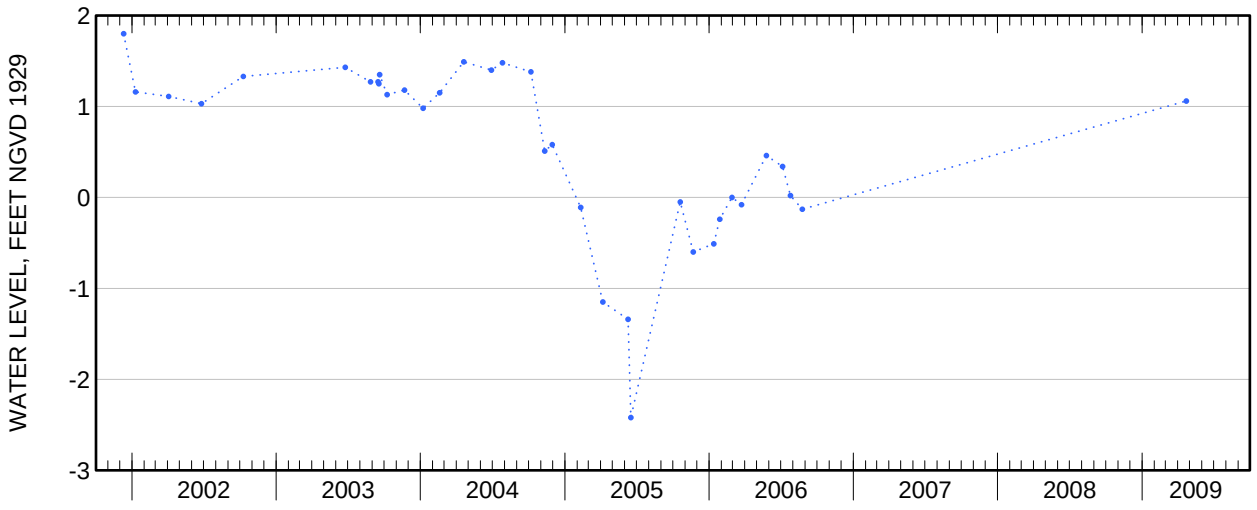
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.—Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.32 ft above sea level, May 17, 2001; lowest measured, 2.42 ft below sea level, June 16, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level
Apr 22	1.06



Water-Data Report 2009

404309073595101 Local number NY 215. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°43'09.17", long 73°59'51.11" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of Grand Street, 42 ft east of Mulberry Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 599.7 ft. Upper casing diameter 3 in; top of first opening 79 ft, bottom of last opening 599.7 ft. Cased to 79 ft, open hole.

DATUM.--Land-surface datum is 28.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

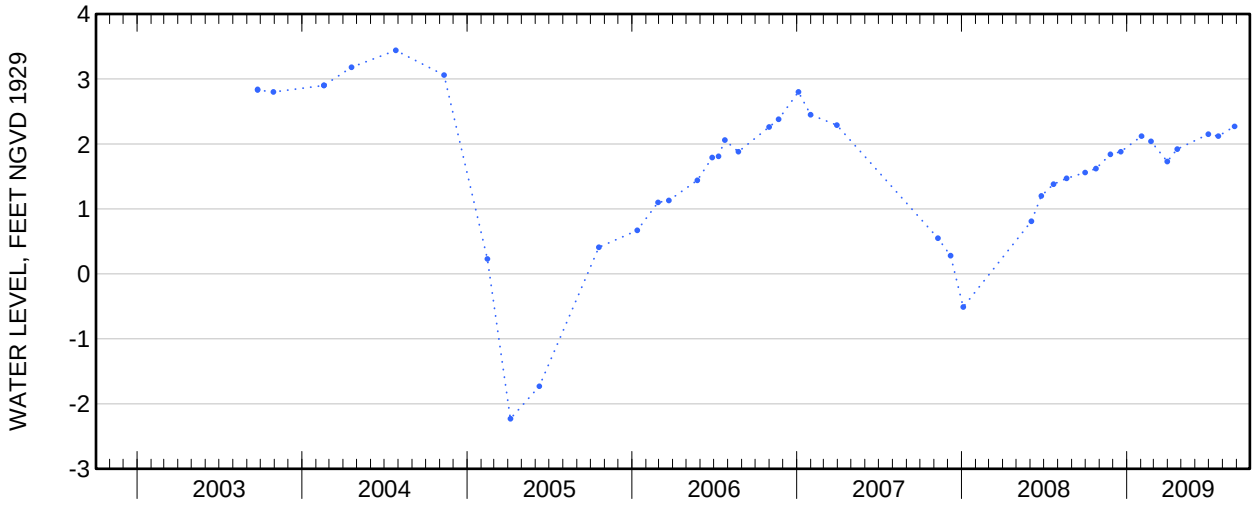
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.44 ft above sea level, July 26, 2004; lowest measured, 2.23 ft below sea level, April 6, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	1.62	Mar 31	1.73
Nov 25	1.84	Apr 22	1.92
Dec 18	1.88	Jun 30	2.15
Feb 2	2.12	Jul 22	2.12
23	2.04	Aug 27	2.27



Water-Data Report 2009

404312073594401 Local number NY 178. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°43'12.11", long 73°59'44.34" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at west side of Elizabeth Street, 74 ft north of Broome Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 600 ft. Upper casing diameter 3 in; top of first opening 103 ft, bottom of last opening 600 ft. Cased to 103 ft, open hole.

DATUM.--Land-surface datum is 37.88 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

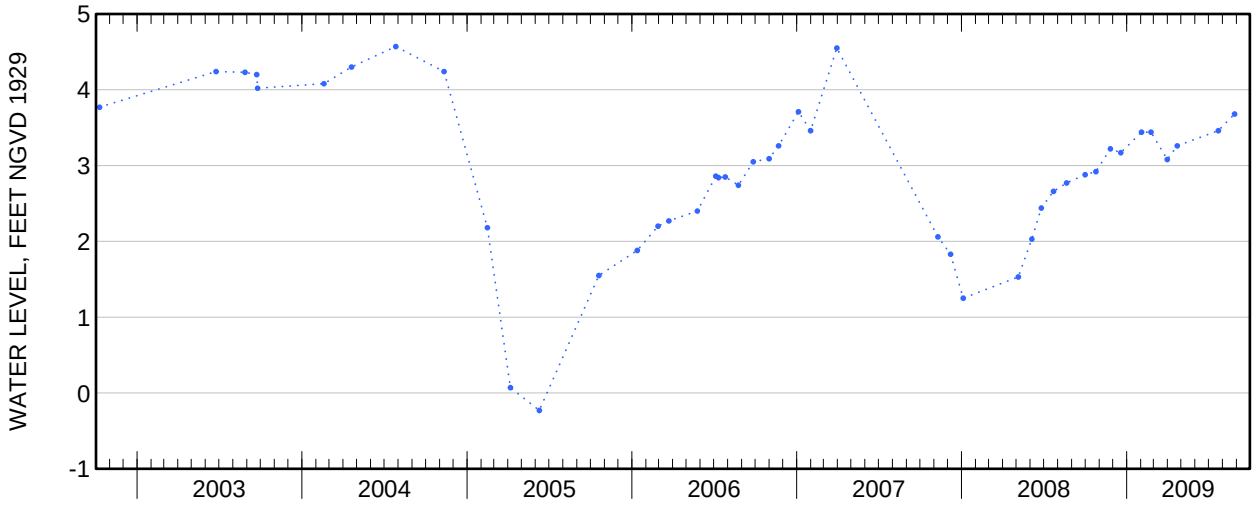
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.57 ft above sea level, July 26, 2004; lowest measured, 0.23 ft below sea level, June 9, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	2.92	Mar 31	3.08
Nov 25	3.22	Apr 22	3.26
Dec 18	3.17	Jul 22	3.46
Feb 2	3.44	Aug 27	3.68
23	3.44		



Water-Data Report 2009

404312073595902 Local number NY 244. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°43'12.6", long 73°59'59.3" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of Grand Street, 97 ft west of Lafayette Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66.6 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 25.63 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--October 2004 to current year.

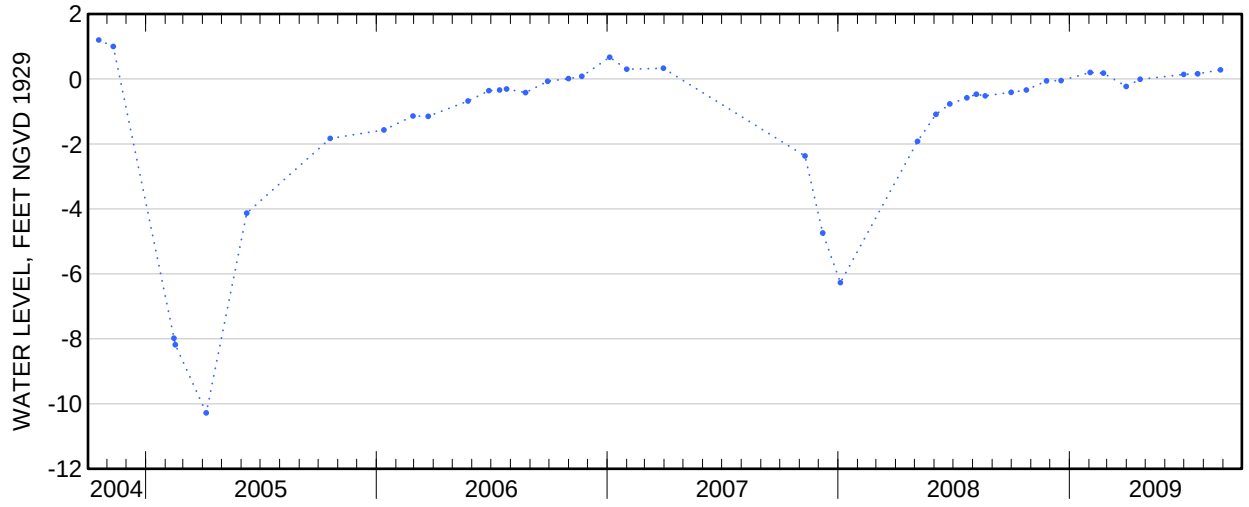
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.20 ft above sea level, October 18, 2004; lowest measured, 10.28 ft below sea level, April 6, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	-.34	Mar 31	-.23
Nov 25	-.06	Apr 22	-.01
Dec 18	-.05	Jun 30	.14
Feb 2	.20	Jul 22	.16
23	.18	Aug 27	.28



Water-Data Report 2009

404321073594101 Local number NY 192. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°43'21.44", long 73°59'40.99" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of Prince Street, 29 ft west of Elizabeth Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 665 ft. Upper casing diameter 3 in; top of first opening 120 ft, bottom of last opening 665 ft. Cased to 120 ft, open hole.

DATUM.--Land-surface datum is 46.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

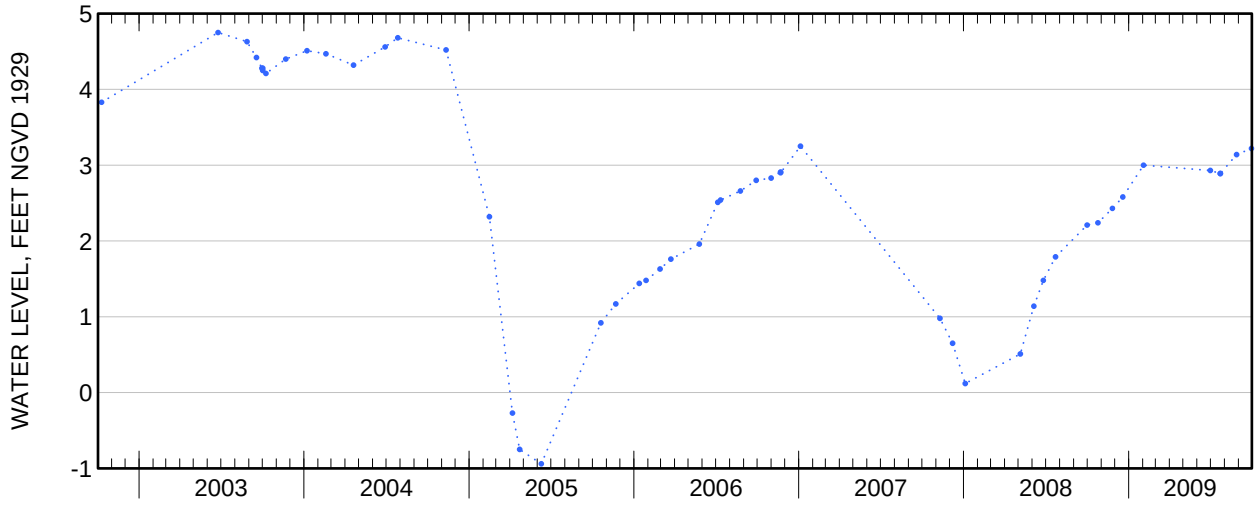
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.75 ft above sea level, June 24, 2003; lowest measured, 0.94 ft below sea level, June 9, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	2.24	Jun 30	2.93
Nov 25	2.43	Jul 22	2.89
Dec 18	2.58	Aug 27	3.14
Feb 2	3.00	Sep 29	3.22



Water-Data Report 2009

404424074002301 Local number NY 249. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°44'24.7", long 74°00'23.6" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of South 13th Street, 38 ft west of 9th Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30.3 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 16.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--October 2004 to current year.

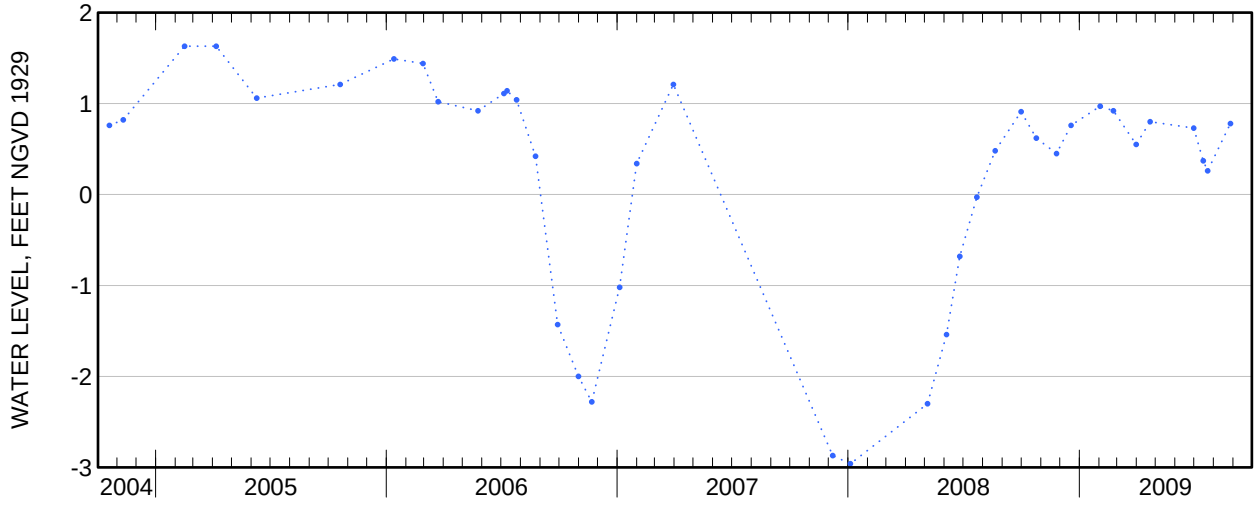
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.63 ft above sea level, February 15, 2005; lowest measured, 2.96 ft below sea level, January 4, 2008.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	.62	Apr 22	.80
Nov 25	.45	Jun 30	.73
Dec 18	.76	Jul 15	.37
Feb 2	.97	22	.26
23	.92	Aug 27	.78
Mar 31	.55		



404424074002301 Local number NY 249. 1—Continued

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 1 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Sample start time	Depth to water level, ft below land surface (72019)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conduc-tance, water, unfiltered, µS/cm at 25 °C (00095)	Tempera-ture, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Dissolved solids dried at 180 °C, water, filtered, mg/L (70300)	Calcium, water, unfiltered, recover-able, mg/L (00916)	Magne-sium, water, unfiltered, recover-able, mg/L (00927)
07-15-2009	1145	15.84	< 1.0	6.2	1,710	16.6	4.8	954	72.7	12.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 2 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Potassium, water, unfiltered, recover-able, mg/L (00937)	Sodium, water, unfiltered, recover-able, mg/L (00929)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO3 (90410)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO2 (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)
07-15-2009	9.63	216	84	420	.62	20.0	87.4	.282	4.42	.131

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 3 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Orthophosphate, water, filtered, mg/L as P (00671)	Barium, water, unfiltered, recoverable, µg/L (01007)	Cadmium, water, unfiltered, µg/L (01027)	Chromium, water, unfiltered, recoverable, µg/L (01034)	Copper, water, unfiltered, recoverable, µg/L (01042)	Iron, water, filtered, µg/L (01046)	Iron, water, unfiltered, recoverable, µg/L (01045)	Lead, water, unfiltered, recoverable, µg/L (01051)	Manganese, water, filtered, µg/L (01056)	Manganese, water, unfiltered, recoverable, µg/L (01055)
07-15-2009	.028	113	.34	1.0	9.2	1,240	1,070	.39	4,010	4,420

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 4 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Mercury, water, unfiltered, recoverable, µg/L (71900)	Silver, water, unfiltered, recoverable, µg/L (01077)	Zinc, water, unfiltered, recoverable, µg/L (01092)	Arsenic, water, unfiltered, µg/L (01002)	Selenium, water, unfiltered, µg/L (01147)	1,2,3-Trichloropropane, water, unfiltered, recoverable, µg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, µg/L (82625)	1,2-Dibromoethane, water, unfiltered, recoverable, µg/L (77651)	1,2-Dichloroethane, water, unfiltered, recoverable, µg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, µg/L (34541)
07-15-2009	< .010	.14	4.7	.63	.25	< .24	< 2.0	< .12	< .1	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 5 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,3-Dichloropropane, water, unfiltered, recoverable, µg/L (77173)	1,4-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49295)	2,4,6-Trichlorophenol, water, unfiltered, recoverable, µg/L (34621)	2,4-Dichlorophenol, water, unfiltered, recoverable, µg/L (34601)	2,4-Dimethylphenol, water, unfiltered, recoverable, µg/L (34606)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82660)	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, µg/L (61618)	2-Chloro-4-isopropylamino-6-amino-s-triazine, water, filtered, recoverable, µg/L (04040)	2-Ethyl-6-methylaniline, water, filtered, recoverable, µg/L (61620)
07-15-2009	< .1	E .11	< .04	M	M	E .1	< .006	< .010	< .014	< .010

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 6 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Methyl-4,6-dinitrophenol, water, unfiltered, recoverable, µg/L (34657)	3,4-Dichloroaniline, water, filtered, recoverable, µg/L (61625)	3-Chloropropene, water, unfiltered, recoverable, µg/L (78109)	4-Chloro-2-methylphenol, water, filtered, recoverable, µg/L (61633)	4-Chloro-3-methylphenol, water, filtered, recoverable, µg/L (34452)	4-Nitrophenol, water, unfiltered, recoverable, µg/L (34646)	Acetochlor, water, filtered, recoverable, µg/L (49260)	Acrylonitrile, water, unfiltered, recoverable, µg/L (34215)	Alachlor, water, filtered, recoverable, µg/L (46342)	Aldrin, water, unfiltered, recoverable, µg/L (39330)
07-15-2009	< 0.77	< .004	< .16	< .005	< 0.55	< 0.51	< .010	< 2	< .008	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 7 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	alpha-Endosulfan, water, unfiltered, recoverable, µg/L (39388)	Atrazine, water, filtered, recoverable, µg/L (39632)	Azinphos-methyl oxygen analog, water, filtered, recoverable, µg/L (61635)	Azinphos-methyl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82686)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82673)	Bromomethane, water, unfiltered, recoverable, µg/L (34413)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82680)	Carbon disulfide, water, unfiltered, µg/L (77041)	Chlordane (technical), water, unfiltered, recoverable, µg/L (39350)
07-15-2009	< .01	< .007	< .04	< .120	< .014	< .8	< .200	< .08	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 8 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Chlorpyrifos oxygen analog, water, filtered, recoverable, µg/L (61636)	Chlorpyrifos, water, filtered, recoverable, µg/L (38933)	cis-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34704)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82687)	Cyfluthrin, water, filtered, recoverable, µg/L (61585)	Cypermethrin, water, filtered, recoverable, µg/L (61586)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82682)	Desulfinylfipronil amide, water, filtered, recoverable, µg/L (62169)	Desulfinylfipronil, water, filtered, recoverable, µg/L (62170)	Diazinon, water, filtered, recoverable, µg/L (39572)
07-15-2009	< .05	< .010	< .20	< .014	< .016	< .020	< .006	< .029	< .012	< .005

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 9 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dichlorvos, water, filtered, recoverable, µg/L (38775)	Dicrotophos, water, filtered, recoverable, µg/L (38454)	Dieldrin, water, filtered, recoverable, µg/L (39381)	Dieldrin, water, unfiltered, recoverable, µg/L (39380)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82662)	Endrin, water, unfiltered, recoverable, µg/L (39390)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Fenamiphos sulfone, water, filtered, recoverable, µg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, µg/L (61646)
07-15-2009	< .02	< .08	< .009	E .004	< .006	< .01	< .02	< .012	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 10 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Fenamiphos, water, filtered, recoverable, µg/L (61591)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil, water, filtered, recoverable, µg/L (62166)	Fonofos, water, filtered, recoverable, µg/L (04095)	Heptachlor epoxide, water, unfiltered, recoverable, µg/L (39420)	Heptachlor, water, unfiltered, recoverable, µg/L (39410)	Hexachlorobenzene, water, unfiltered, recoverable, µg/L (39700)	Hexazinone, water, filtered, recoverable, µg/L (04025)	Iodomethane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)
07-15-2009	< .03	< .013	< .040	< .010	< .009	< .01	< 0.30	< .008	< 1.60	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 11 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Isofenphos, water, filtered, recoverable, µg/L (61594)	Lindane, water, unfiltered, recoverable, µg/L (39340)	Malaoxon, water, filtered, recoverable, µg/L (61652)	Malathion, water, filtered, recoverable, µg/L (39532)	Metalaxyl, water, filtered, recoverable, µg/L (61596)	Methidathion, water, filtered, recoverable, µg/L (61598)	Methyl paraoxon, water, filtered, recoverable, µg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82667)	Metolachlor, water, filtered, recoverable, µg/L (39415)	Metribuzin, water, filtered, recoverable, µg/L (82630)
07-15-2009	< .006	< .014	< .080	< .020	< .007	< .006	< .01	< .008	< .014	< .016

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 12 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Mirex, water, unfiltered, recoverable, µg/L (39755)	Myclobutanil, water, filtered, recoverable, µg/L (61599)	p,p'-DDD, water, unfiltered, recoverable, µg/L (39360)	p,p'-DDE, water, unfiltered, recoverable, µg/L (39365)	p,p'-DDT, water, unfiltered, recoverable, µg/L (39370)	p,p'-Methoxychlor, water, unfiltered, recoverable, µg/L (39480)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Pentachlorophenol, water, unfiltered, recoverable, µg/L (39032)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)
07-15-2009	< .006	< .010	< .016	< .014	< .010	< .002	< .012	E 1	< .03	< .020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 13 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)	Simazine, water, filtered, recoverable, µg/L (04035)	Tebuthiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Terbufos oxygen analog sulfone, water, filtered, recoverable, µg/L (61674)	Terbuthylazine, water, filtered, recoverable, µg/L (04022)	Toxaphene, water, unfiltered, recoverable, µg/L (39400)
07-15-2009	< .05	< .200	< .01	< .006	< .004	< .010	< .02	< .04	< .01	< 1

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 14 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	trans-1,3-Dichloropropene, water, unfiltered, recoverable, µg/L (34699)	Tribuphos, water, filtered, recoverable, µg/L (61610)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82661)	PCBs, water, unfiltered, recoverable, µg/L (39516)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (77562)	1,1,1-Trichloroethane, water, unfiltered, recoverable, µg/L (34506)	1,1,2,2-Tetrachloroethane, water, unfiltered, recoverable, µg/L (34516)	1,1,2-Trichloro-1,2,2-trifluoroethane, water, unfiltered, recoverable, µg/L (77652)	1,1,2-Trichloroethane, water, unfiltered, recoverable, µg/L (34511)	1,1-Dichloroethane, water, unfiltered, recoverable, µg/L (34496)
07-15-2009	< .20	< .035	< .012	< .1	< .08	< .04	< .20	< .08	< .12	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 15 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,1-Dichloroethene, water, unfiltered, recoverable, µg/L (34501)	1,1-Dichloropropene, water, unfiltered, recoverable, µg/L (77168)	1,2,3,4-Tetramethylbenzene, water, unfiltered, recoverable, µg/L (49999)	1,2,3,5-Tetramethylbenzene, water, unfiltered, recoverable, µg/L (50000)	1,2,3-Trichlorobenzene, water, unfiltered, recoverable, µg/L (77613)	1,2,3-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77221)	1,2,4-Trichlorobenzene, water, unfiltered, recoverable, µg/L (34551)	1,2,4-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77222)	1,2-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34536)	1,2-Diphenylhydrazine, water, unfiltered, recoverable, µg/L (82626)
07-15-2009	E .06	< .08	E .2	< .2	.5	E .1	.9	< .08	< .04	M

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 16 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,3,5-Trimethylbenzene, water, unfiltered, recoverable, µg/L (77226)	1,3-Dichlorobenzene, water, unfiltered, recoverable, µg/L (34566)	2,2-Dichloropropane, water, unfiltered, recoverable, µg/L (77170)	2,4-Dinitrotoluene, water, unfiltered, recoverable, µg/L (34611)	2,6-Dinitrotoluene, water, unfiltered, recoverable, µg/L (34626)	2-Chloronaphthalene, water, unfiltered, recoverable, µg/L (34581)	2-Chlorophenol, water, unfiltered, recoverable, µg/L (34586)	2-Chlorotoluene, water, unfiltered, recoverable, µg/L (77275)	2-Ethyltoluene, water, unfiltered, recoverable, µg/L (77220)	2-Nitrophenol, water, unfiltered, recoverable, µg/L (34591)
07-15-2009	< .08	E .05	< .12	< 0.6	< 0.43	M	M	< .04	E .17	< 0.4

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 17 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	3,3'-Dichlorobenzidine, water, unfiltered, recoverable, µg/L (34631)	4-Bromophenyl phenyl ether, water, unfiltered, recoverable, µg/L (34636)	4-Chlorophenyl phenyl ether, water, unfiltered, recoverable, µg/L (34641)	4-Chlorotoluene, water, unfiltered, recoverable, µg/L (77277)	4-Isopropyltoluene, water, unfiltered, recoverable, µg/L (77356)	9H-Fluorene, water, unfiltered, recoverable, µg/L (34381)	Acenaphthene, water, unfiltered, recoverable, µg/L (34205)	Acenaphthylene, water, unfiltered, recoverable, µg/L (34200)	Acetone, water, unfiltered, recoverable, µg/L (81552)	Anthracene, water, unfiltered, recoverable, µg/L (34220)
07-15-2009	< 0.4	< 0.36	< 0.34	< .04	< .12	M	< 0.28	< 0.30	< 8	M

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 18 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Benzene, water, unfiltered, recoverable, µg/L (34030)	Benzo[a]anthracene, water, unfiltered, recoverable, µg/L (34526)	Benzo[a]pyrene, water, unfiltered, recoverable, µg/L (34247)	Benzo[a]fluoranthene, water, unfiltered, recoverable, µg/L (34230)	Benzo[ghi]perylene, water, unfiltered, recoverable, µg/L (34521)	Benzo[k]fluoranthene, water, unfiltered, recoverable, µg/L (34242)	Benzyl n-butyl phthalate, water, unfiltered, recoverable, µg/L (34292)	Bis(2-chloroethoxy)methane, water, unfiltered, recoverable, µg/L (34278)	Bis(2-chloroethyl) ether, water, unfiltered, recoverable, µg/L (34273)	Bis(2-chloroisopropyl) ether, water, unfiltered, recoverable, µg/L (34283)
07-15-2009	< .06	< 0.26	< 0.33	< 0.40	M	< 0.4	< 2	< 0.2	< 0.30	< 0.38

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 19 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Bis(2-ethylhexyl) phthalate, water, unfiltered, recoverable, µg/L (39100)	Bromobenzene, water, unfiltered, recoverable, µg/L (81555)	Bromochloromethane, water, unfiltered, recoverable, µg/L (77297)	Bromodichloromethane, water, unfiltered, recoverable, µg/L (32101)	Bromoethene, water, unfiltered, recoverable, µg/L (50002)	Chlorobenzene, water, unfiltered, recoverable, µg/L (34301)	Chloroethane, water, unfiltered, recoverable, µg/L (34311)	Chloromethane, water, unfiltered, recoverable, µg/L (34418)	Chrysene, water, unfiltered, recoverable, µg/L (34320)	cis-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (77093)
07-15-2009	< 2	< .04	< .12	< .08	< .2	< .04	< .2	< .3	< 0.33	66.6

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 20 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Dibenzo-[a,h]anthra-cene, water, unfiltered, recover-able, µg/L (34556)	Dibromo-chloro-methane, water, unfiltered, recover-able, µg/L (32105)	Dibromo-methane, water, unfiltered, recover-able, µg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recover-able, µg/L (34668)	Dichloro-methane, water, unfiltered, recover-able, µg/L (34423)	Diethyl ether, water, unfiltered, recover-able, µg/L (81576)	Diethyl phthalate, water, unfiltered, recover-able, µg/L (34336)	Diisopropyl ether, water, unfiltered, recover-able, µg/L (81577)	Dimethyl phthalate, water, unfiltered, recover-able, µg/L (34341)	Di-n-butyl phthalate, water, unfiltered, recover-able, µg/L (39110)
07-15-2009	< 0.4	< .2	< .08	< .20	< 1.4	< .2	< 0.61	< .12	< 0.4	< 1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 21 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Di-n-octyl phthalate, water, unfiltered, recover-able, µg/L (34596)	Ethyl metha-crylate, water, unfiltered, recover-able, µg/L (73570)	Ethyl methyl ketone, water, unfiltered, recover-able, µg/L (81595)	Ethyl-benzene, water, unfiltered, recover-able, µg/L (34371)	Fluoran-thene, water, unfiltered, recover-able, µg/L (34376)	Hexa-chloro-butadiene, water, unfiltered, recover-able, µg/L (39702)	Hexa-chloro-cyclopenta-diene, water, unfiltered, recover-able, µg/L (34386)	Hexa-chloro-ethane, water, unfiltered, recover-able, µg/L (34396)	Indeno-[1,2,3-cd]-pyrene, water, unfiltered, recover-able, µg/L (34403)	Isobutyl methyl ketone, water, unfiltered, recover-able, µg/L (78133)
07-15-2009	< 0.6	< .3	< 3.2	< .08	< 0.30	< .1	< 0.4	< .3	M	< .8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 22 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Isophorone, water, unfiltered, recover-able, µg/L (34408)	Isopropyl-benzene, water, unfiltered, recover-able, µg/L (77223)	Methyl acetate, water, unfiltered, recover-able, µg/L (77032)	Methyl acrylate, water, unfiltered, recover-able, µg/L (49991)	Methyl acrylo-nitrile, water, unfiltered, recover-able, µg/L (81593)	Methyl metha-crylate, water, unfiltered, recover-able, µg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recover-able, µg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover-able, µg/L (50005)	Methylene blue active sub-stances, water, unfiltered, recover-able, mg/L (38260)	m-Xylene plus p-xylene, water, unfiltered, recover-able, µg/L (85795)
07-15-2009	< 0.4	E .17	< .8	< 1.2	< .4	< .4	.42	< .12	E .08	E .07

404424074002301 Local number NY 249. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 23 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Naphthalene, water, unfiltered, recoverable, µg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recoverable, µg/L (77103)	n-Butylbenzene, water, unfiltered, recoverable, µg/L (77342)	Nitrobenzene, water, unfiltered, recoverable, µg/L (34447)	N-Nitrosodimethylamine, water, unfiltered, recoverable, µg/L (34438)	N-Nitrosodi-n-propylamine, water, unfiltered, recoverable, µg/L (34428)	N-Nitrosodiphenylamine, water, unfiltered, recoverable, µg/L (34433)	n-Propylbenzene, water, unfiltered, recoverable, µg/L (77224)	o-Xylene, water, unfiltered, recoverable, µg/L (77135)	Phenanthrene, water, unfiltered, recoverable, µg/L (34461)
07-15-2009	< .4	< 1.2	E .1	< 0.2	< 0.2	< 0.4	< 0.4	< .08	E .18	M

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 24 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Phenol, water, unfiltered, recoverable, µg/L (34694)	Pyrene, water, unfiltered, recoverable, µg/L (34469)	sec-Butylbenzene, water, unfiltered, recoverable, µg/L (77350)	Styrene, water, unfiltered, recoverable, µg/L (77128)	tert-Amyl alcohol, water, unfiltered, recoverable, µg/L (77073)	tert-Butyl alcohol, water, unfiltered, recoverable, µg/L (77035)	tert-Butyl ethyl ether, water, unfiltered, recoverable, µg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, µg/L (77353)	Tetrachloroethene, water, unfiltered, recoverable, µg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, µg/L (32102)
07-15-2009	< .4	M	1.25	< .08	< 1.2	< 2.00	< .08	.25	411	< .12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
Part 25 of 25

[ANC, acid neutralizing capacity; CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; PCBs, polychlorinated biphenyls; SiO2, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; --, no data; <, less than; E, estimated; M, presence verified but not quantified]

Date	Tetrahydrofuran, water, unfiltered, recoverable, µg/L (81607)	Toluene, water, unfiltered, recoverable, µg/L (34010)	trans-1,2-Dichloroethene, water, unfiltered, recoverable, µg/L (34546)	trans-1,4-Dichloro-2-butene, water, unfiltered, recoverable, µg/L (73547)	Tribromomethane, water, unfiltered, recoverable, µg/L (32104)	Trichloroethene, water, unfiltered, recoverable, µg/L (39180)	Trichlorofluoromethane, water, unfiltered, recoverable, µg/L (34488)	Trichloromethane, water, unfiltered, recoverable, µg/L (32106)	Vinyl chloride, water, unfiltered, recoverable, µg/L (39175)
07-15-2009	< 3	< .05	.35	< .8	< .20	39.6	< .16	.77	1.6

Water-Data Report 2009

404452073582502 Local number NY 242. 1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

New York County, NY

LOCATION.--Lat 40°44'52.8", long 73°58'25.5" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at east side of 2nd Avenue, 76 ft north of East 39th Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 65.2 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 35.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

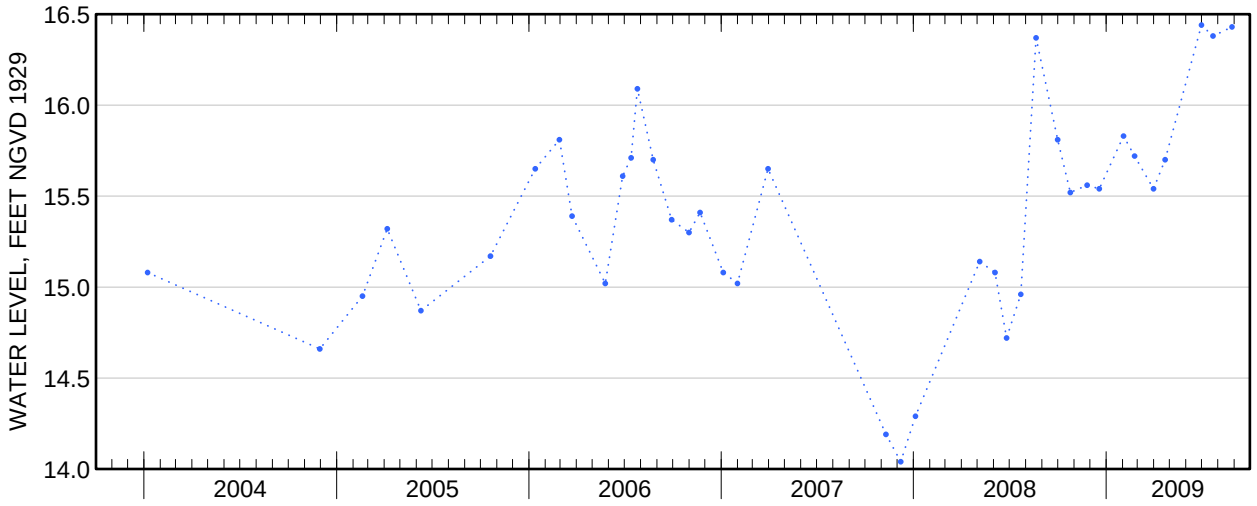
PERIOD OF RECORD.--January 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.44 ft above sea level, June 30, 2009; lowest measured, 14.04 ft above sea level, December 7, 2007.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	15.52	Mar 31	15.54
Nov 25	15.56	Apr 22	15.70
Dec 18	15.54	Jun 30	16.44
Feb 2	15.83	Jul 22	16.38
23	15.72	Aug 27	16.43



Water-Data Report 2009

404459073594501 Local number NY 227. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°44'59.07", long 73°59'45.55" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at north side of west 30th Street, 60 ft west of 8th Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 192 ft. Upper casing diameter 3 in; top of first opening 23.5 ft, bottom of last opening 192 ft. Cased to 23.5 ft, open hole.

DATUM.--Land-surface datum is 31.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

PERIOD OF RECORD.--January 2004 to current year.

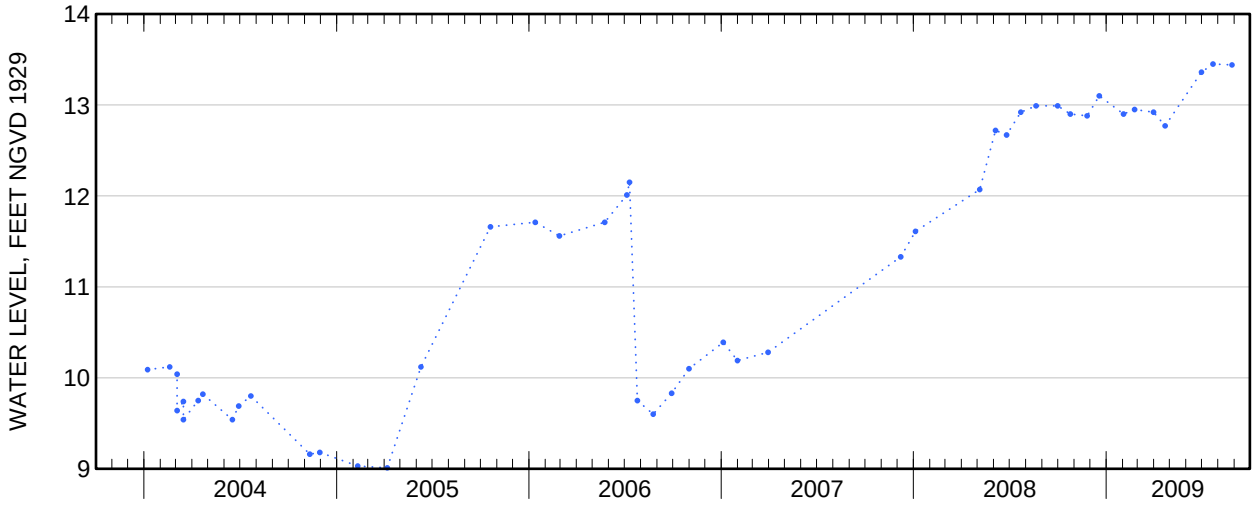
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.45 ft above sea level, July 22, 2009; lowest measured, 9.01 ft above sea level, April 6, 2005.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	12.90	Mar 31	12.92
Nov 25	12.88	Apr 22	12.77
Dec 18	13.10	Jun 30	13.36
Feb 2	12.90	Jul 22	13.45
23	12.95	Aug 27	13.44



Water-Data Report 2009

404521073580401 Local number NY 211. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°45'21.1", long 73°58'04.0" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at south side of East 52nd Street, 54 ft east of 2nd Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 490 ft. Upper casing diameter 3 in; top of first opening 25 ft, bottom of last opening 490 ft. Cased to 25 ft, open hole.

DATUM.--Land-surface datum is 38.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

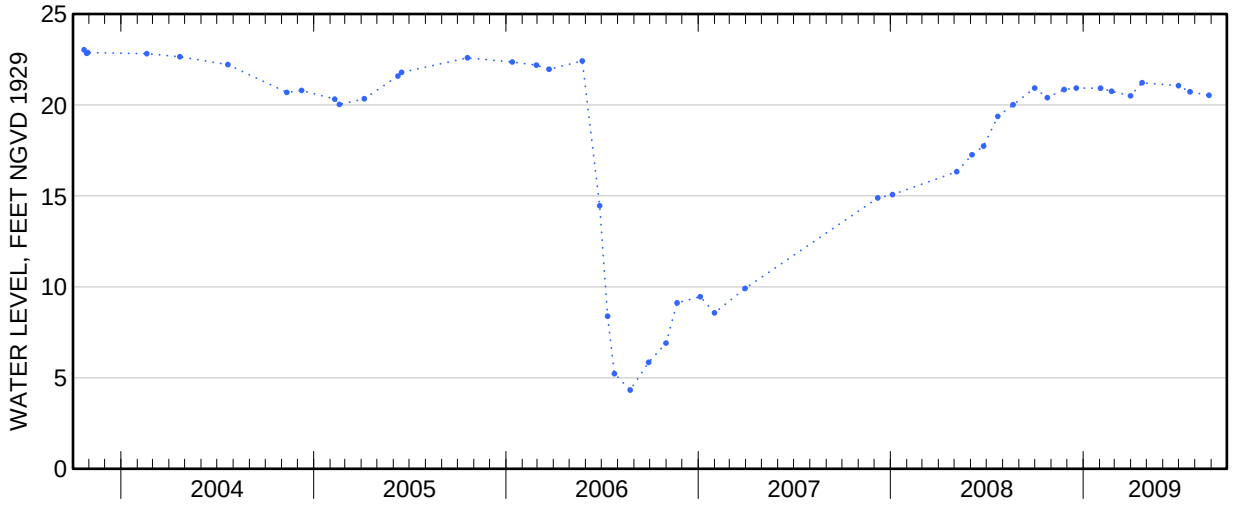
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water level affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.03 ft above sea level, October 22, 2003; lowest measured, 4.33 ft above sea level, August 24, 2006.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	20.40	Mar 31	20.50
Nov 25	20.85	Apr 22	21.22
Dec 18	20.93	Jun 30	21.06
Feb 2	20.92	Jul 22	20.72
23	20.75	Aug 27	20.53



Water-Data Report 2009

404528073580101 Local number NY 183. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°45'27.76", long 73°58'01.14" referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at west side of 2nd Avenue, 89 ft south of East 55th Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 545 ft. Upper casing diameter 3 in; top of first opening 18 ft, bottom of last opening 545 ft. Cased to 18 ft, open hole.

DATUM.--Land-surface datum is 42.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim, at land-surface datum.

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

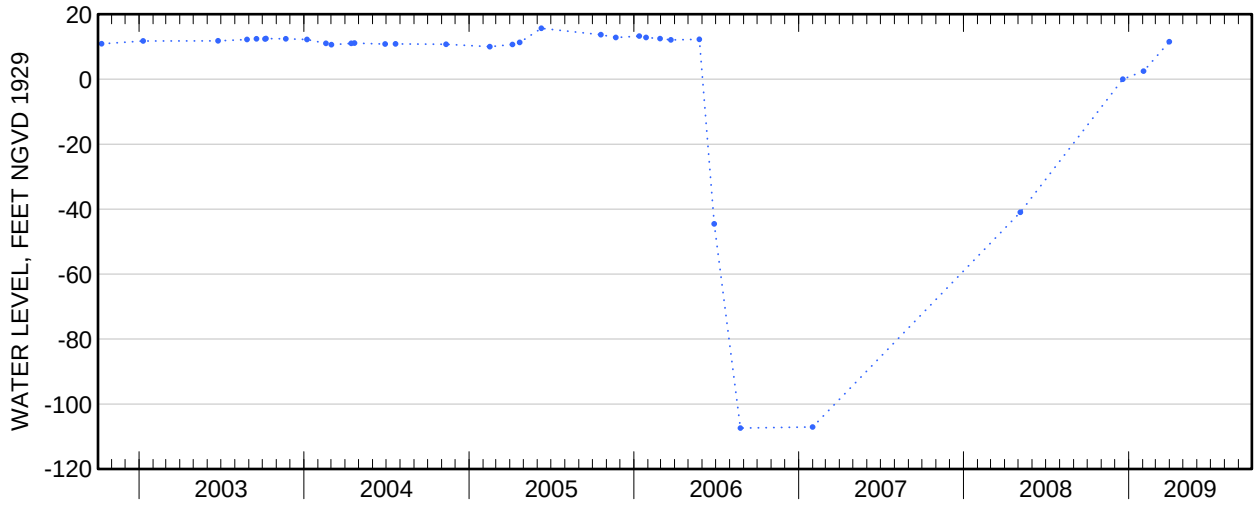
GAGE.--Measurement with electric tape by United States Geological Survey personnel.

REMARKS.--Water levels affected by local dewatering.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.66 ft above sea level, June 9, 2005; lowest measured, 107.40 ft below sea level, August 24, 2006.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Dec 18	-.01	Mar 31	11.52
Feb 2	2.47		



Water-Data Report 2009

404606073583701 Local number NY 252. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°46′06″, long 73°58′37″ referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at Central Park, 120 ft west of Center Drive, just north of entrance drive from 6th Avenue, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 72.5 ft. Upper casing diameter 3 in; top of first opening 3 ft, bottom of last opening 72.5 ft. Cased to 3 ft, open hole.

DATUM.--Land-surface datum is 56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft below land-surface datum.

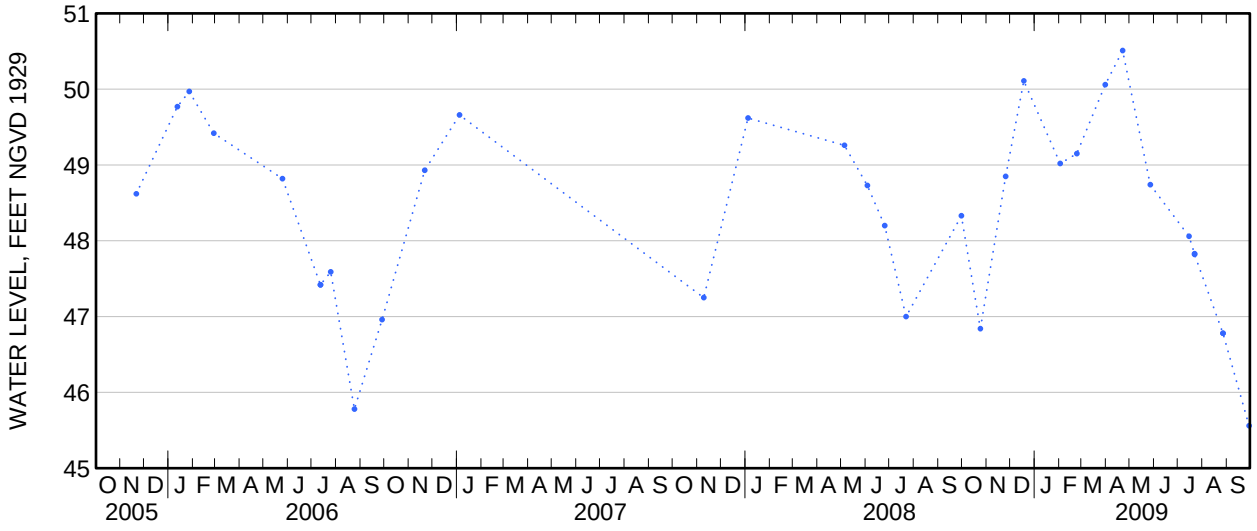
PERIOD OF RECORD.--November 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.51 ft above sea level, April 22, 2009; lowest measured, 45.78 ft above sea level, August 24, 2006.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	46.84	Apr 22	50.51
Nov 25	48.85	May 27	48.74
Dec 18	50.11	Jul 15	48.06
Feb 2	49.02	22	47.83
23	49.15	Aug 27	46.78
Mar 31	50.06	Sep 29	45.56



Water-Data Report 2009

404727073575101 Local number NY 251. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°47′27″, long 73°57′51″ referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at Central Park, at southwest corner of Central Park West Drive and entrance drive from West 96th Street, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 32.3 ft. Upper casing diameter 3 in; top of first opening 3 ft, bottom of last opening 32.3 ft. Cased to 3 ft, open hole.

DATUM.--Land-surface datum is 99.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft below land-surface datum.

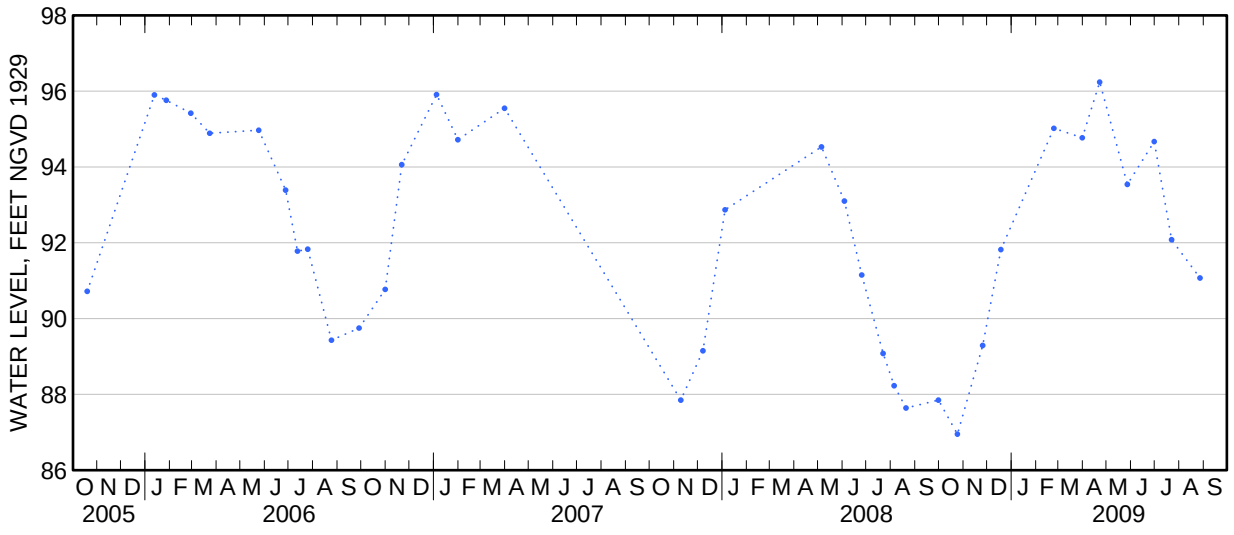
PERIOD OF RECORD.--October 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 96.24 ft above sea level, April 22, 2009; lowest measured, 86.95 ft above sea level, October 24, 2008.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	86.95	Apr 22	96.24
Nov 25	89.29	May 27	93.54
Dec 18	91.82	Jun 30	94.67
Feb 23	95.02	Jul 22	92.08
Mar 31	94.77	Aug 27	91.07



Water-Data Report 2009

404750073571801 Local number NY 250. 1

New York and New England crystalline-rock aquifers
Basement Complex Aquifer

New York County, NY

LOCATION.--Lat 40°47′50″, long 73°57′18″ referenced to North American Datum of 1927, New York County, NY, Hydrologic Unit 02030101, at Central Park, 28 ft west of Central Park East Drive, just south of Central Park North Drive, Manhattan.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 3 in; top of first opening 18 ft, bottom of last opening 75 ft. Cased to 18 ft, open hole.

DATUM.--Land-surface datum is 27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

PERIOD OF RECORD.--October 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, 23.29 ft above sea level, January 27, 2006; lowest measured, 14.65 ft above sea level, October 24, 2008.

WATER SURFACE ELEVATION IN FEET NGVD 1929
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Date	Water level	Date	Water level
Oct 24	14.65	Apr 22	23.18
Nov 25	14.85	May 27	20.69
Dec 18	17.52	Jun 30	22.00
Feb 2	21.46	Jul 22	18.97
23	21.00	Aug 27	17.83
Mar 31	20.21