

Water-Data Report 2011

404902073545001 Local number B 75.1

Sand and gravel aquifers (glaciated regions)
Pleistocene Series

Bronx County, NY

LOCATION.--Lat 40°49'01.55", long 73°54'50.21" referenced to North American Datum of 1927, Bronx County, NY, Hydrologic Unit 02030102, at east side of Brook Avenue, 376 ft north of Westchester Avenue, Bronx.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 25 ft. Upper casing diameter 2 in; top of first opening 20 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 18 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.03 ft below land-surface datum.

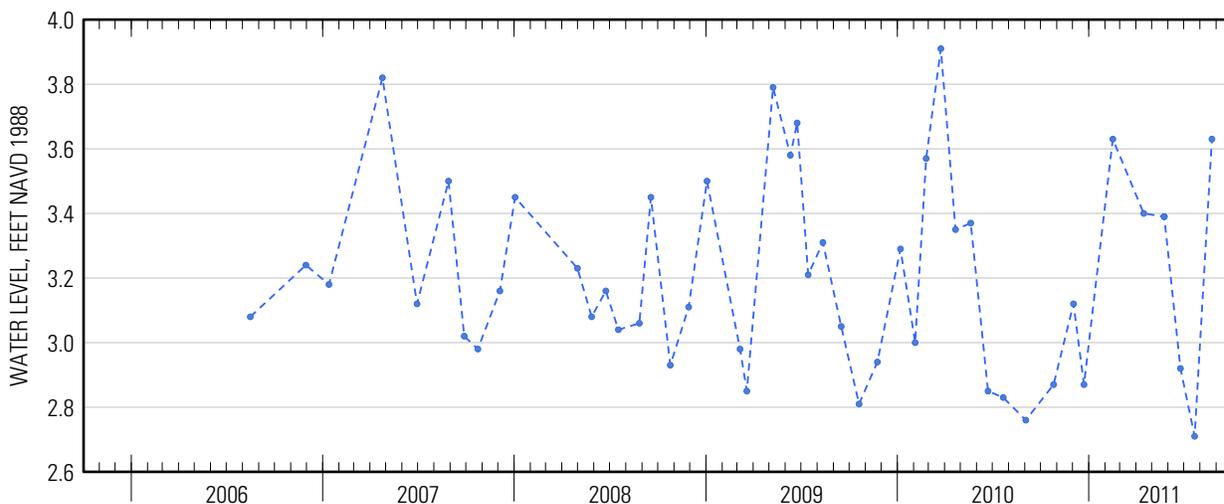
PERIOD OF RECORD.--August 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.91 ft above sea level, March 24, 2010; lowest measured, 2.71 ft above sea level, July 21, 2011.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 25	2.87	May 24	3.39
Dec 2	3.12	Jun 24	2.92
22	2.87	Jul 21	2.71
Feb 15	3.63	Aug 23	3.63
Apr 15	3.40		



Water-Data Report 2011

404930073544201 Local number B 74. 1

Sand and gravel aquifers (glaciated regions)
Sand and Gravel

Bronx County, NY

LOCATION.--Lat 40°49'30.07", long 73°54'42.07" referenced to North American Datum of 1927, Bronx County, NY, Hydrologic Unit 02030102, at east side of Brook Avenue, 100 ft north of 163rd Street, Bronx.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 27 ft. Upper casing diameter 2 in; top of first opening 22 ft, bottom of last opening 27 ft.

DATUM.--Land-surface datum is 23 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.39 ft below land-surface datum.

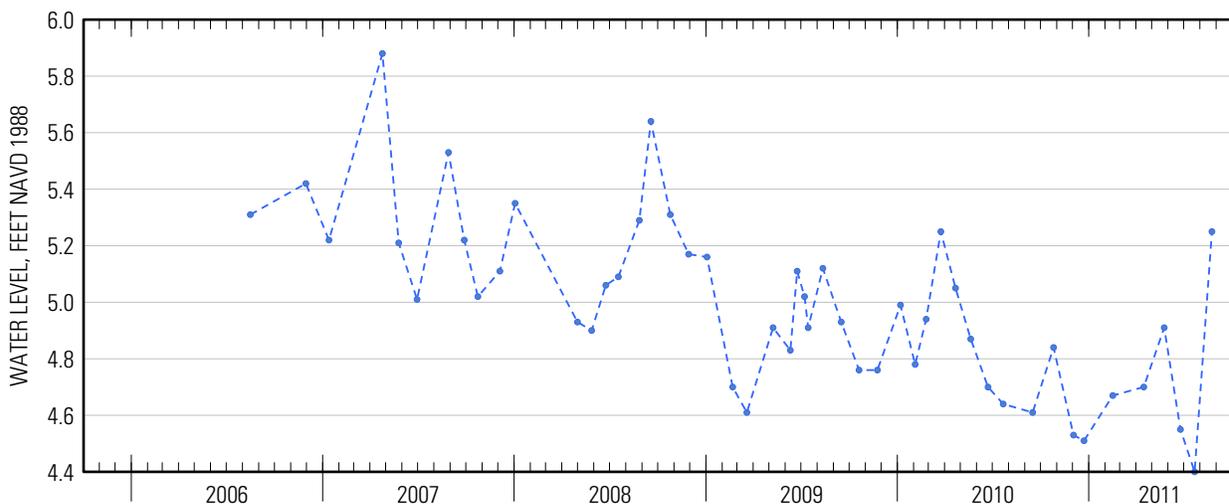
PERIOD OF RECORD.--August 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.88 ft above sea level, April 24, 2007; lowest measured, 4.40 ft above sea level, July 21, 2011.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 25	4.84	May 24	4.91
Dec 2	4.53	Jun 24	4.55
22	4.51	Jul 21	4.40
Feb 15	4.67	Aug 23	5.25
Apr 15	4.70		



Water-Data Report 2011

405002073523201 Local number B 76.1

New York and New England crystalline-rock aquifers
Basement Complex

Bronx County, NY

LOCATION.--Lat 40°50'01.92", long 73°52'32.51" referenced to North American Datum of 1983, Bronx County, NY, Hydrologic Unit 02030102, at west side of Morrison Avenue, 50 ft south of E. 174th Street, Bronx.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 2 in; top of first opening 5 ft, bottom of last opening 20 ft.

DATUM.--Land-surface datum is 22 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.27 ft below land-surface datum.

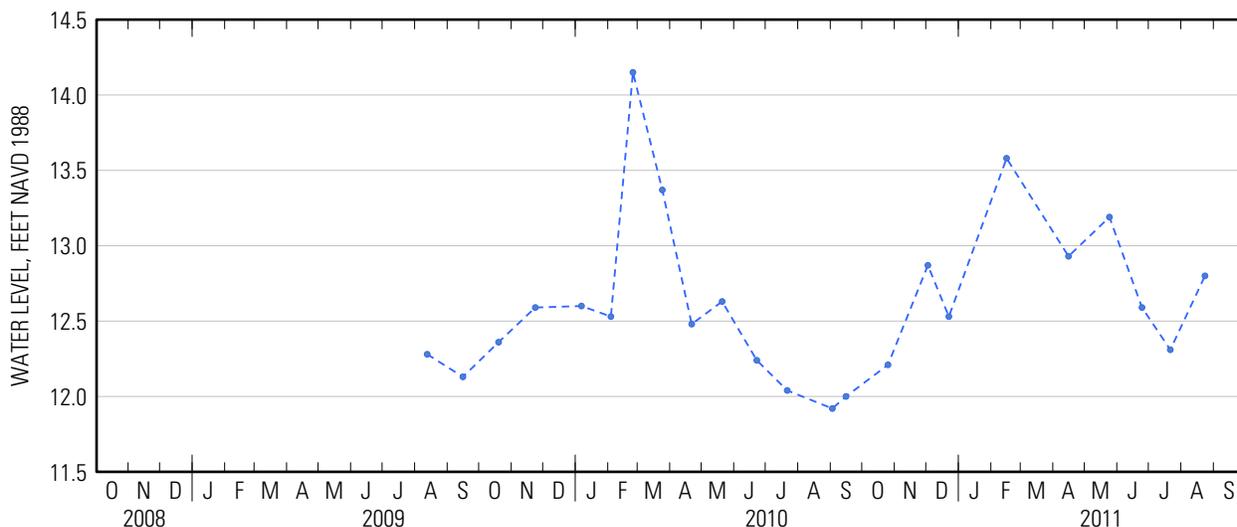
PERIOD OF RECORD.--August 2009 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.15 ft above sea level, February 24, 2010; lowest measured, 11.92 ft above sea level, September 2, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 25	12.21	May 24	13.19
Dec 2	12.87	Jun 24	12.59
22	12.53	Jul 21	12.31
Feb 15	13.58	Aug 23	12.80
Apr 15	12.93		



Water-Data Report 2011

405202073525101 Local number B 72.1

Sand and gravel aquifers (glaciated regions)
Sand and Gravel

Bronx County, NY

LOCATION.--Lat 40°52'02.49", long 73°52'50.63" referenced to North American Datum of 1927, Bronx County, NY, Hydrologic Unit 02030102, at north side of Dr. Theodore Kazimiroff Boulevard, just west of Mosholu Parkway, Bronx.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 39 ft. Upper casing diameter 2 in; top of first opening 29 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 73 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.57 ft below land-surface datum.

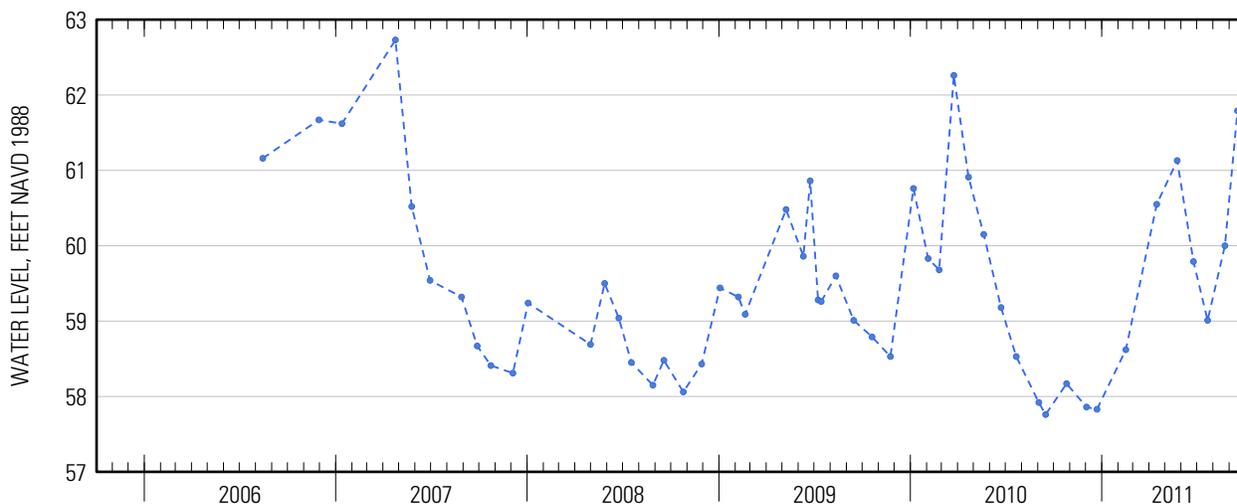
PERIOD OF RECORD.--August 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.73 ft above sea level, April 24, 2007; lowest measured, 57.76 ft above sea level, September 15, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 25	58.17	May 24	61.13
Dec 2	57.86	Jun 24	59.79
22	57.83	Jul 21	59.01
Feb 15	58.62	Aug 23	60.00
Apr 15	60.55	Sep 16	61.79



Water-Data Report 2011

405309073541001 Local number B 73. 1

Sand and gravel aquifers (glaciated regions)
Sand and Gravel

Bronx County, NY

LOCATION.--Lat 40°53'09.27", long 73°54'09.68" referenced to North American Datum of 1927, Bronx County, NY, Hydrologic Unit 02030101, at southeast corner of W. 238th Street, just east of Tibbett Avenue, Bronx.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 49 ft. Upper casing diameter 2 in; top of first opening 39 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 21 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.94 ft below land-surface datum.

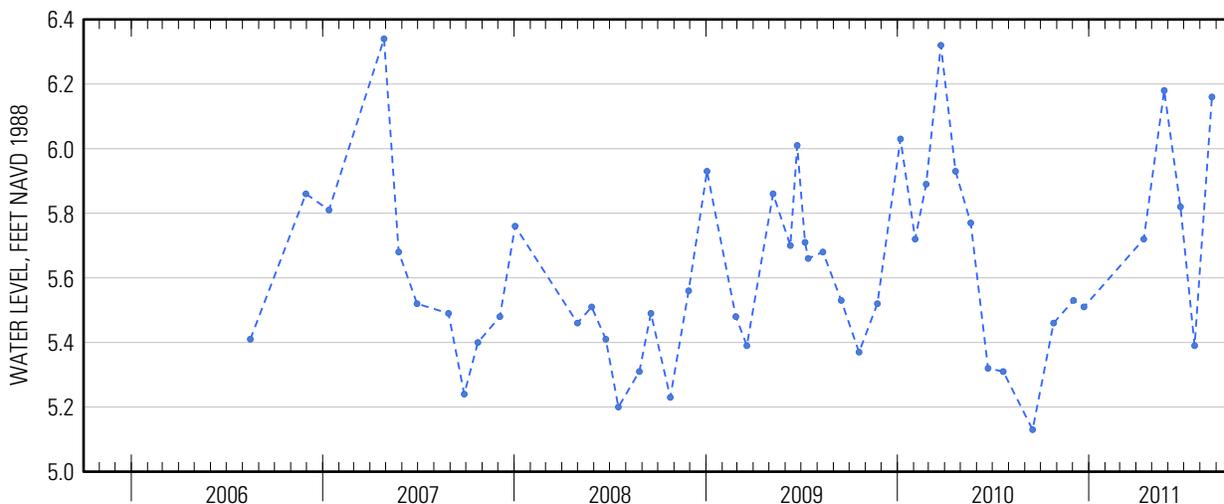
PERIOD OF RECORD.--August 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.34 ft above sea level, April 27, 2007; lowest measured, 5.13 ft above sea level, September 15, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 25	5.46	May 24	6.18
Dec 2	5.53	Jun 24	5.82
22	5.51	Jul 21	5.39
Apr 15	5.72	Aug 23	6.16



Water-Data Report 2011

405329073514901 Local number B 71. 1

Sand and gravel aquifers (glaciated regions)
Sand and Gravel

Bronx County, NY

LOCATION.--Lat 40°53'29.19", long 73°51'49.11" referenced to North American Datum of 1927, Bronx County, NY, Hydrologic Unit 02030102, at west side of Bronx Boulevard, across from end of E. 228th Street, Bronx.

GROUNDWATER 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 87 ft above North American Vertical Datum of 1988. Measuring point: Top of casing, 0.25 ft below land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.05 ft above sea level, March 24, 2010; lowest measured, 56.37 ft above sea level, September 15, 2010.

**WATER SURFACE ELEVATION IN FEET NAVD 1988
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**

Date	Water level	Date	Water level
Oct 25	56.73	May 24	59.43
Dec 2	56.94	Jun 24	58.71
22	57.12	Jul 21	57.64
Feb 15	57.42	Aug 23	58.12
Apr 15	59.09		

