



Water-Data Report 2009

403802073121001 Local number S125371. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°38'02.3", long 73°12'09.5" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, 115 ft east of Pine Street and 265 ft south of Cedar Court, Kismet.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 7 ft. Upper casing diameter 2 in; top of first opening 5 ft, bottom of last opening 7 ft.

DATUM.--Land-surface datum is 7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling at north side of well, 0.28 ft above land-surface datum.

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

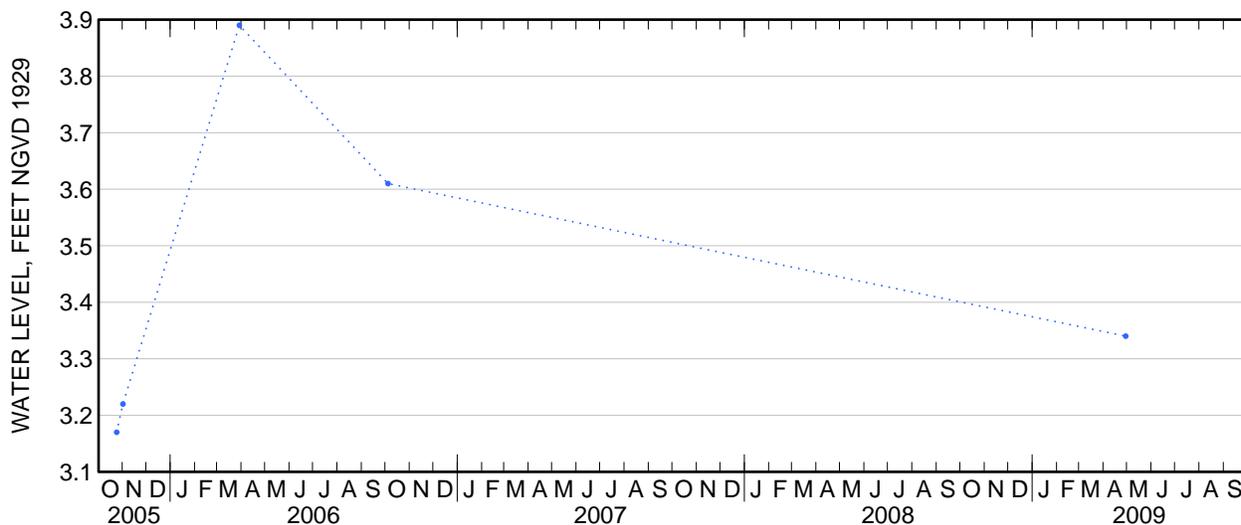
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.89 ft above sea level, March 29, 2006; lowest measured, 3.17 ft above sea level, October 24, 2005.

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

Date	Water level
Apr 29	3.34





Water-Data Report 2009

403805073121001 Local number S126753. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°38'04.9", long 73°12'09.7" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, along south-side shoulder of Cedar Court (Burma Road) about 165 ft east of Pine Street, Kismet.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 105 ft. Upper casing diameter 2 in; top of first opening 20 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 0.20 ft below land-surface datum.

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

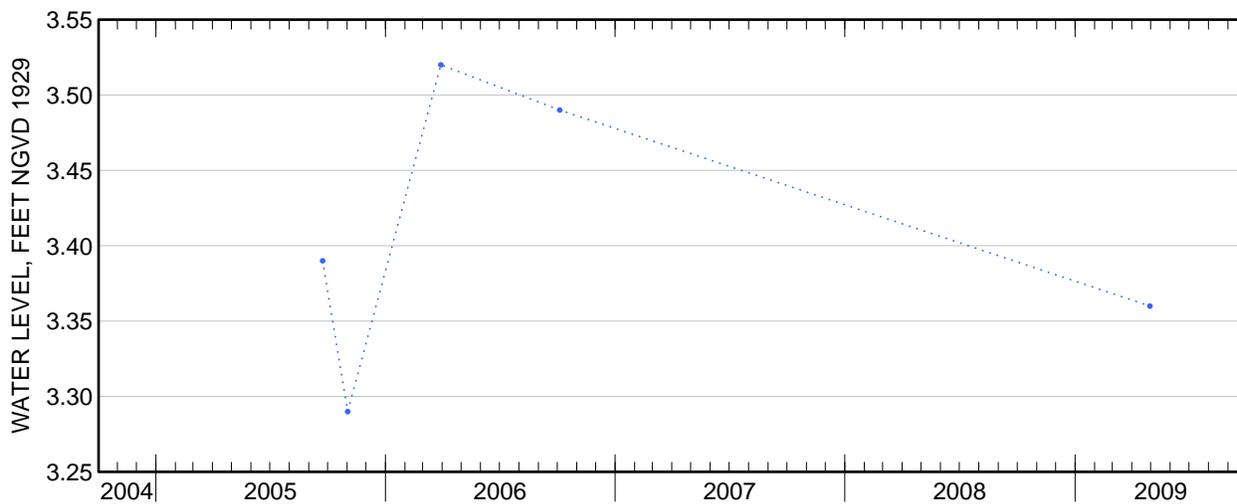
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.52 ft above sea level, March 29, 2006; lowest measured, 3.29 ft above sea level, November 1, 2005.

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

Date	Water level
Apr 29	3.36





Water-Data Report 2009

403811073121001 Local number S125984. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°38'11.2", long 73°12'10.3" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, along south-side shoulder of Maple Court about 115 ft west of Seabay Walk, Kismet.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 18 ft. Upper casing diameter 2 in; top of first opening 3 ft, bottom of last opening 8 ft.

DATUM.--Land-surface datum is 3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 2.89 ft above land-surface datum.

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

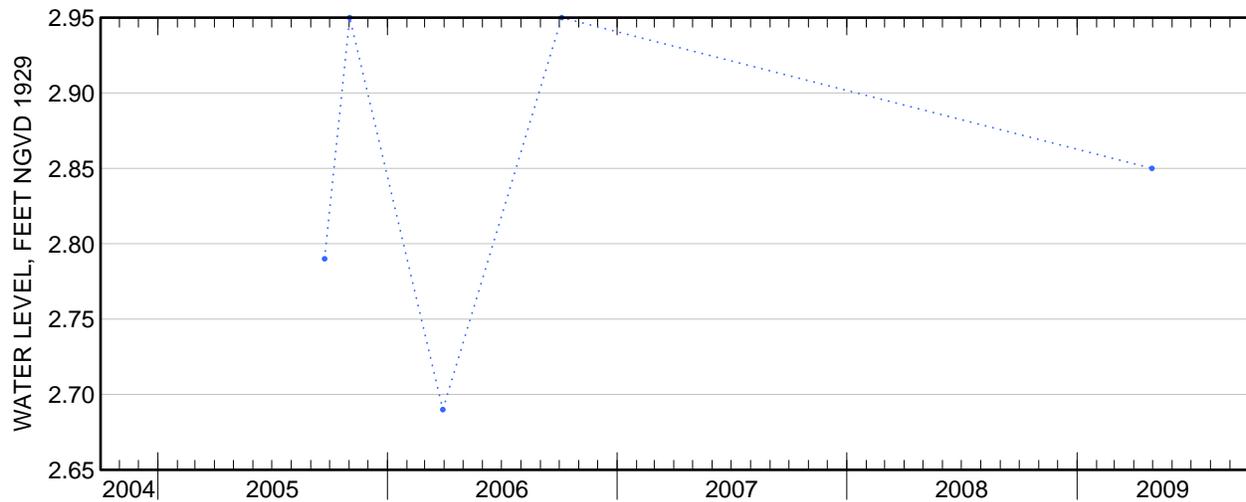
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.95 ft above sea level, November 1, 2005 and October 4, 2006; lowest measured, 2.69 ft above sea level, March 29, 2006.

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

Date	Water level
Apr 29	2.85





Water-Data Report 2009

403816073121501 Local number S125370. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°38'16.1", long 73°12'15.3" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, 95 ft east of Pine Street and 575 ft north of Maple Court, Kismet.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 5 ft. Upper casing diameter 2 in; top of first opening 3 ft, bottom of last opening 5 ft.

DATUM.--Land-surface datum is 4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling at north side of well, 2.60 ft above land-surface datum.

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

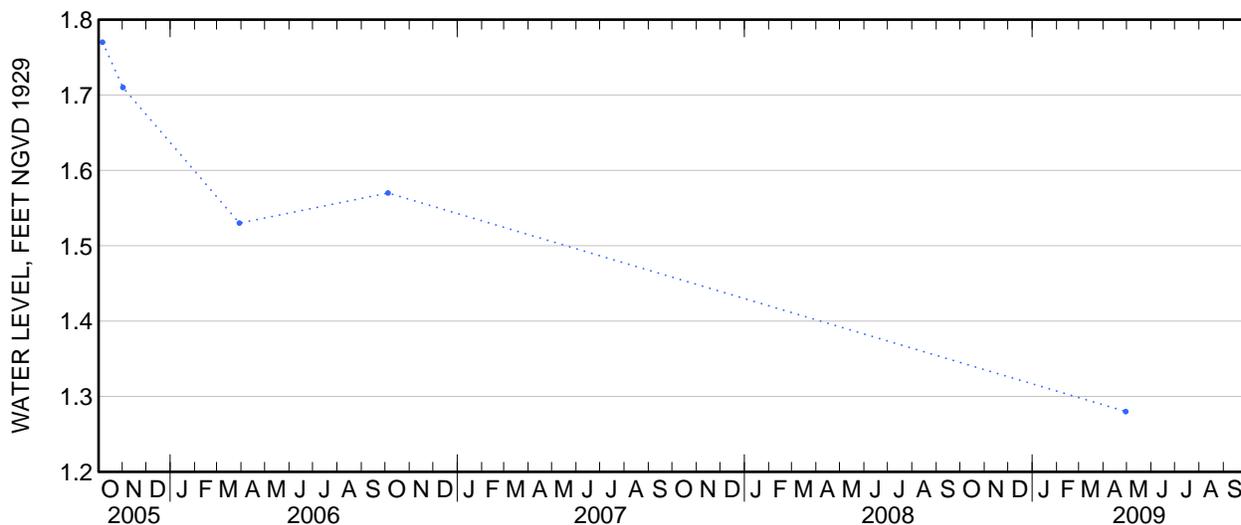
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.77 ft above sea level, October 6, 2005; lowest measured, 1.28 ft above sea level, April 29, 2009.

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

Date	Water level
Apr 29	1.28





Water-Data Report 2009

403935073235001 Local number S 66136. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°39'37", long 73°23'50" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road, across from Harding Road, easternmost well, Copiague.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 134 ft. Upper casing diameter 6 in; top of first opening 124 ft, bottom of last opening 134 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.43 ft above land-surface datum.

PERIOD OF RECORD.--October 1980 to current year.

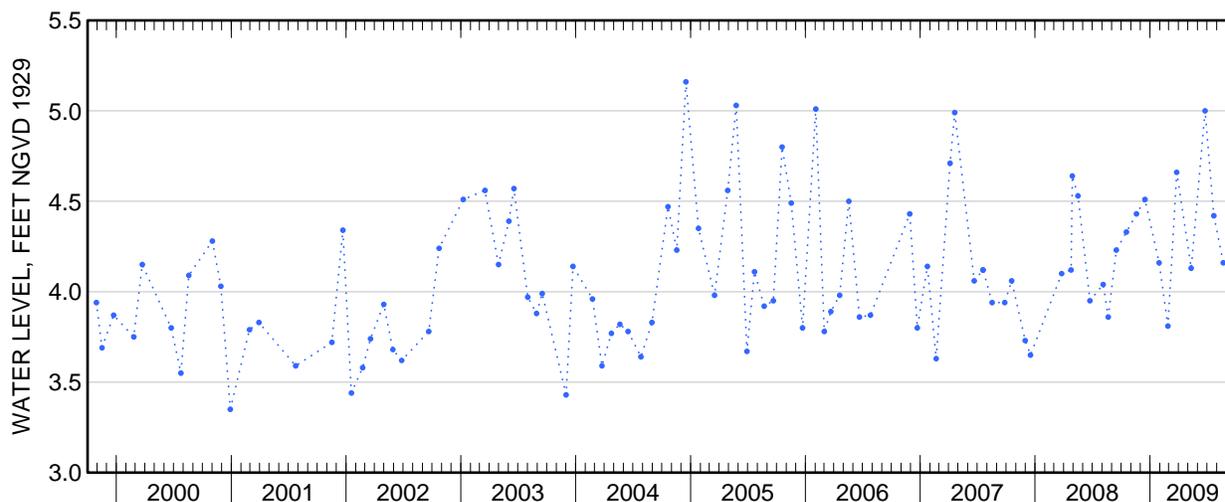
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.16 ft above sea level, December 16, 2004; lowest measured, 3.31 ft above sea level, July 31, 1995.

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

Date	Water level	Date	Water level
Oct 17	4.33	May 11	4.13
Nov 18	4.43	Jun 24	5.00
Dec 15	4.51	Jul 22	4.42
Jan 29	4.16	Aug 21	4.16
Feb 26	3.81	Sep 23	4.02
Mar 26	4.66		





Water-Data Report 2009

403935073235002 Local number S 67537. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°39'37", long 73°23'50" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road, across from Harding Road, eastern middle well, Copiague.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 61 ft. Upper casing diameter 2 in; top of first opening 56 ft, bottom of last opening 61 ft.

DATUM.--Land-surface datum is 7.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft below land-surface datum.

PERIOD OF RECORD.--December 1985 to current year.

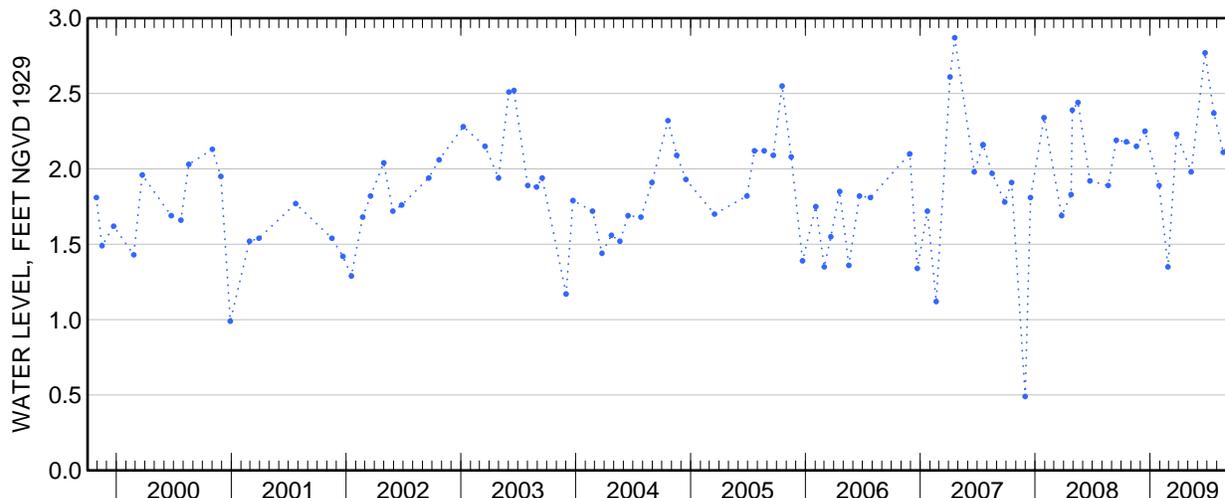
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.96 ft above sea level, September 23, 2009; lowest measured, 0.99 ft above sea level, October 28, 2000.

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

Date	Water level	Date	Water level
Oct 17	2.18	May 11	1.98
Nov 18	2.15	Jun 24	2.77
Dec 15	2.25	Jul 22	2.37
Jan 29	1.89	Aug 21	2.11
Feb 26	1.35	Sep 15	2.19
Mar 26	2.23	23	2.96





Water-Data Report 2009

403935073235004 Local number S 79408. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°39'37.8", long 73°23'48.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Tanner Park, south side of Kerrigan Road, across from Harding Road, westernmost well, Copiague.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 680 ft. Upper casing diameter 4 in; top of first opening 670 ft, bottom of last opening 675 ft.

DATUM.--Land-surface datum is 7.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.58 ft below land-surface datum.

PERIOD OF RECORD.--December 1985 to current year.

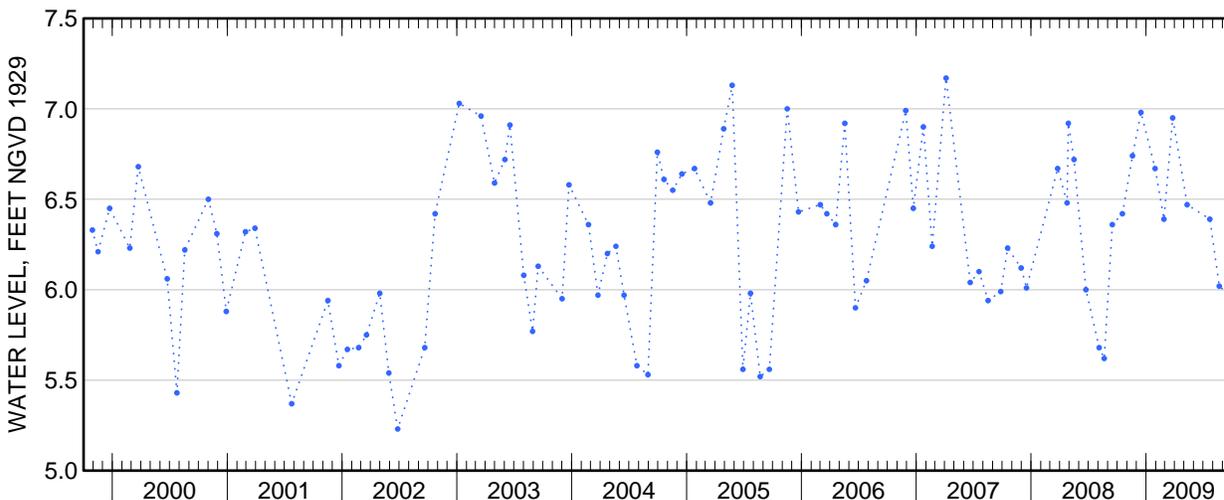
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.22 ft above sea level, March 4, 1991; lowest measured, 5.23 ft above sea level, June 26, 2002.

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

Date	Water level	Date	Water level
Oct 17	6.42	Mar 26	6.95
Nov 18	6.74	May 11	6.47
Dec 15	6.98	Jul 22	6.39
Jan 29	6.67	Aug 21	6.02
Feb 26	6.39	Sep 23	5.97





Water-Data Report 2009

404121072592801 Local number S125380. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°41'21.0", long 72°59'27.8" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, north-side base of dune, Watch Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 10 ft, bottom of last opening 15 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 0.21 ft below land-surface datum.

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

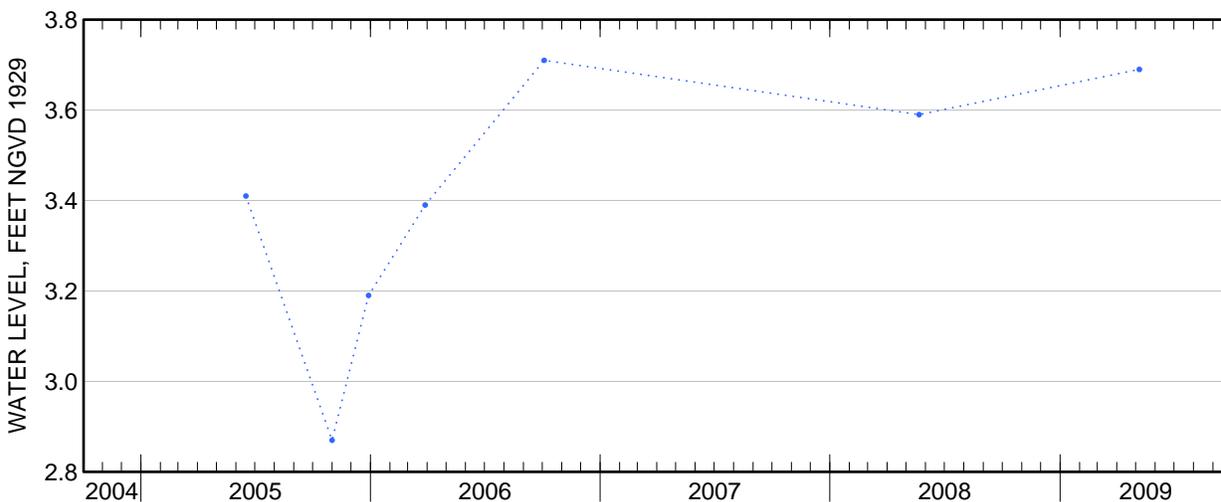
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.71 ft above sea level, October 3, 2006; lowest measured, 2.87 ft above sea level, October 31, 2005.

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

Date	Water level
May 6	3.69





Water-Data Report 2009

404123072592701 Local number S125383. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°41'22.9", long 72°59'27.3" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, along south-side shoulder of Fire Island Boulevard (Burma Road) opposite house number 3, Watch Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 15 ft. Upper casing diameter 2 in; top of first opening 5 ft, bottom of last opening 10 ft.

DATUM.--Land-surface datum is 6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 0.12 ft below land-surface datum.

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

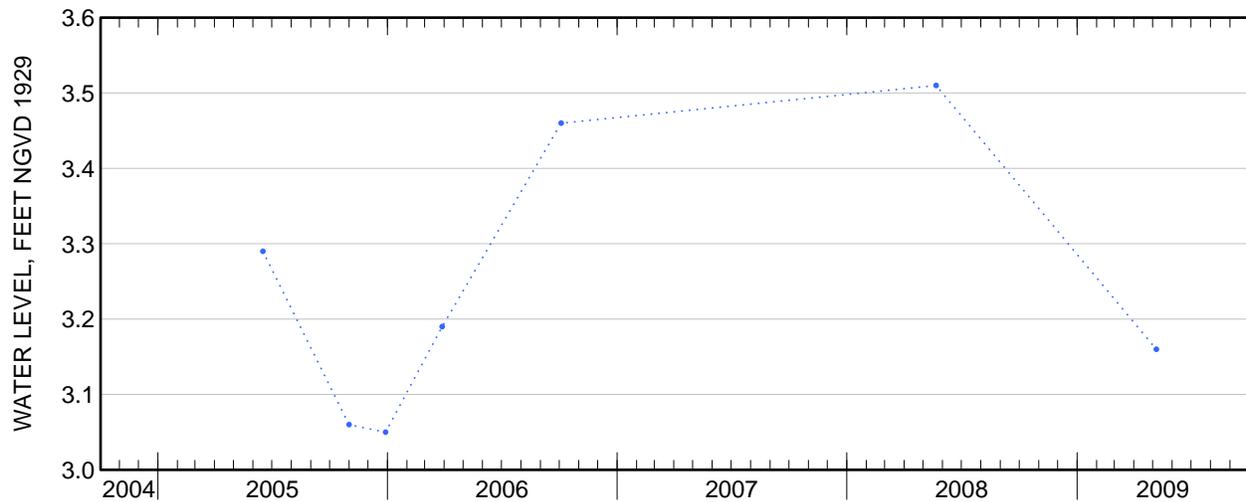
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.51 ft above sea level, May 21, 2008; lowest measured, 3.05 ft above sea level, December 28, 2005.

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

Date	Water level
May 6	3.16





Water-Data Report 2009

404123072592702 Local number S125990. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°41'22.9", long 72°59'27.3" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, along south-side shoulder of Fire Island Boulevard (Burma Road) opposite house number 3, Watch Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 130 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 0.53 ft below land-surface datum.

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

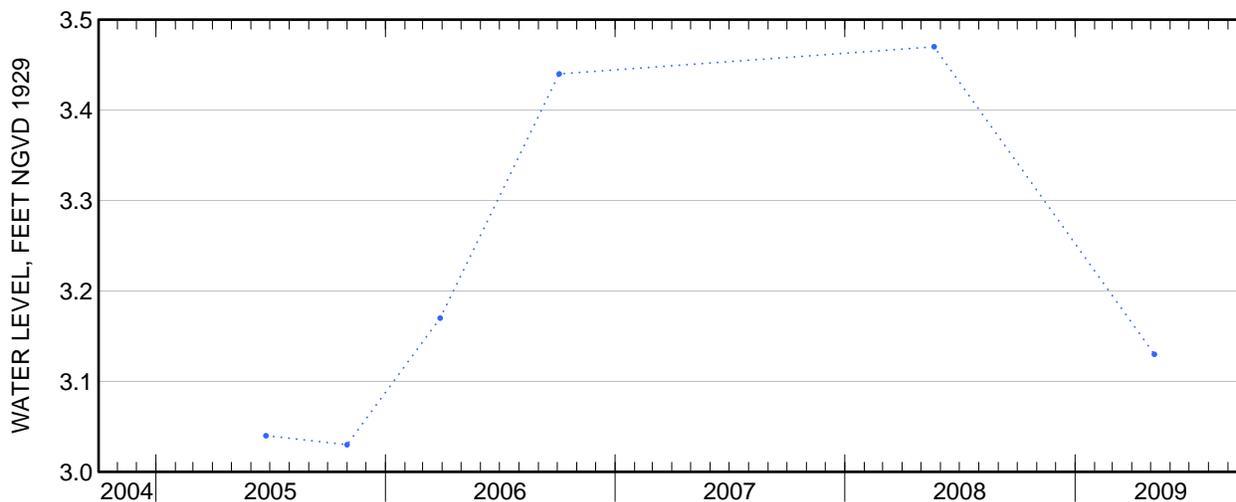
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.47 ft above sea level, May 21, 2008; lowest measured, 3.03 ft above sea level, October 31, 2005.

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

Date	Water level
May 6	3.13



Water-Data Report 2009

404124073241601 Local number S 43809. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°41'24.6", long 73°24'14.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Sunrise Highway (Route 27), 254 ft west of Great Neck Road, Lindenhurst.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 ft. Upper casing diameter 6 in; top of first opening 24 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.40 ft below land-surface datum.

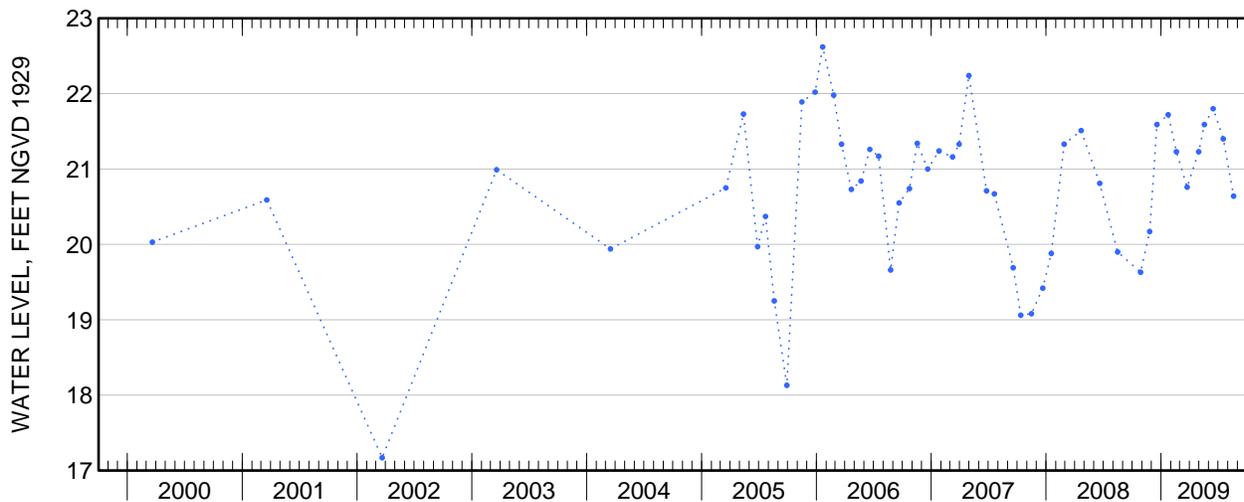
PERIOD OF RECORD.--February 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.83 ft above sea level, July 30, 1984; lowest measured, 17.17 ft above sea level, March 21, 2002.

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

Date	Water level	Date	Water level
Oct 27	19.63	Apr 30	21.23
Nov 25	20.17	May 18	21.59
Dec 18	21.59	Jun 15	21.80
Jan 23	21.72	Jul 17	21.40
Feb 18	21.23	Aug 19	20.64
Mar 24	20.76		





Water-Data Report 2009

404125072592901 Local number S125381. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°41'25.0", long 72°59'29.2" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, southwest corner of intersection of Seabreeze Walk and last (westernmost) north-south trending walk, Watch Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 52 ft. Upper casing diameter 2 in; top of first opening 2 ft, bottom of last opening 7 ft.

DATUM.--Land-surface datum is 4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 2.46 ft above land-surface datum.

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

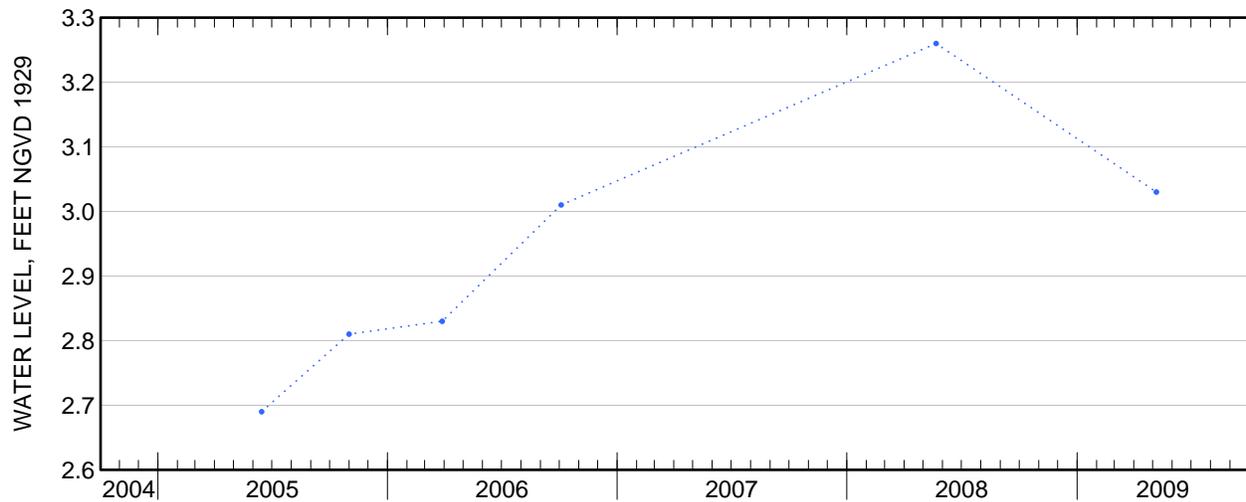
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.26 ft above sea level, May 21, 2008; lowest measured, 2.69 ft above sea level, June 14, 2005.

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

Date	Water level
May 6	3.03





Water-Data Report 2009

404126072593001 Local number S125382. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°41'26.5", long 72°59'30.1" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, northwest corner of intersection of vehicle trail one block north of Seabreeze Walk and last (westernmost) north-south running walk, Watch Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 47 ft. Upper casing diameter 2 in; top of first opening 2 ft, bottom of last opening 7 ft.

DATUM.--Land-surface datum is 3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 2.95 ft above land-surface datum.

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

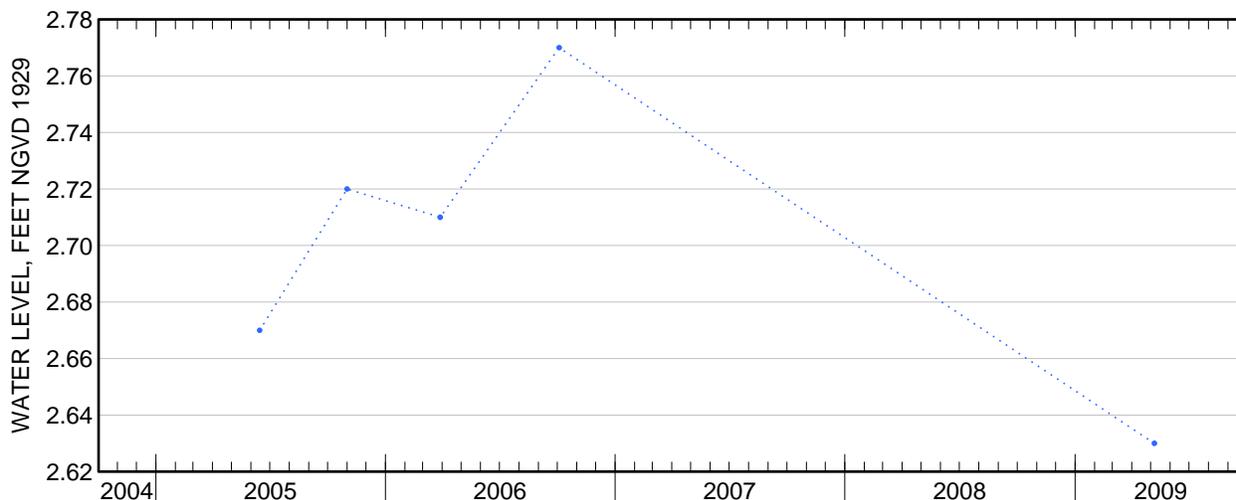
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.77 ft above sea level, October 3, 2006; lowest measured, 2.63 ft above sea level, May 6, 2009.

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

Date	Water level
May 6	2.63





Water-Data Report 2009

404200073252701 Local number S 16480. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°41'58.2", long 73°25'25.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 6 in; top of first opening 35 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.97 ft above land-surface datum.

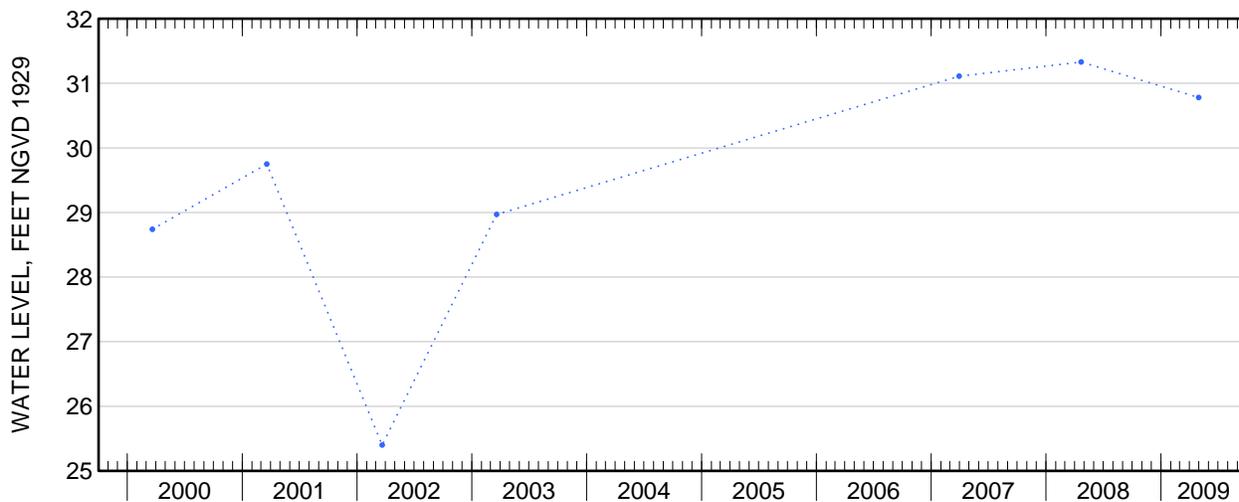
PERIOD OF RECORD.--January 1958 to January 1986, March 1990 to March 2003, and April 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.43 ft above sea level, May 2, 1983; lowest measured, 23.93 ft above sea level, August 20, 1966.

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

Date	Water level
Apr 30	30.78





Water-Data Report 2009

404221073164905 Local number S 1808. 5

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°42'20.9", long 73°16'47.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Manor Lane, 332 ft north of Thompson Drive, West Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 11 ft. Upper casing diameter 2 in; top of first opening 10 ft, bottom of last opening 11 ft.

DATUM.--Land-surface datum is 13.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.22 ft below land-surface datum.

PERIOD OF RECORD.--October 1989 to current year. Unpublished records for October 1912 to September 1975 for wells S1808.1 to S1808.4 are available in files of the U.S. Geological Survey.

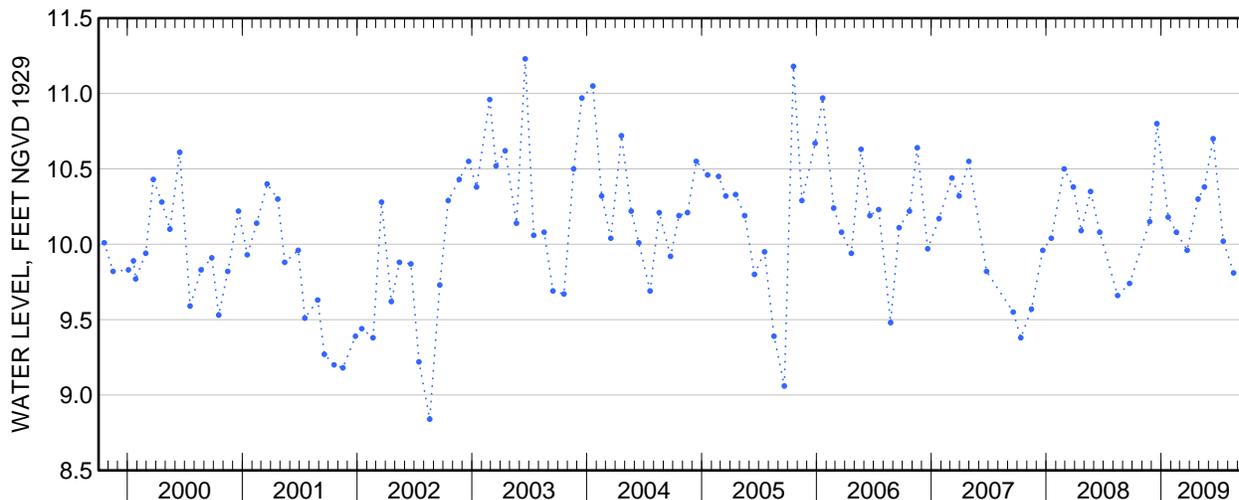
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1808.4 in October 1989 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.23 ft above sea level, June 19, 2003; lowest measured, 8.81 ft above sea level, August 30, 1995

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

Date	Water level	Date	Water level
Nov 25	10.15	Apr 28	10.30
Dec 18	10.80	May 18	10.38
Jan 23	10.18	Jun 15	10.70
Feb 18	10.08	Jul 17	10.02
Mar 24	9.96	Aug 19	9.81





Water-Data Report 2009

404225073234201 Local number S 10314. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°42'26.0", long 73°23'36.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 4 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.66 ft above land-surface datum.

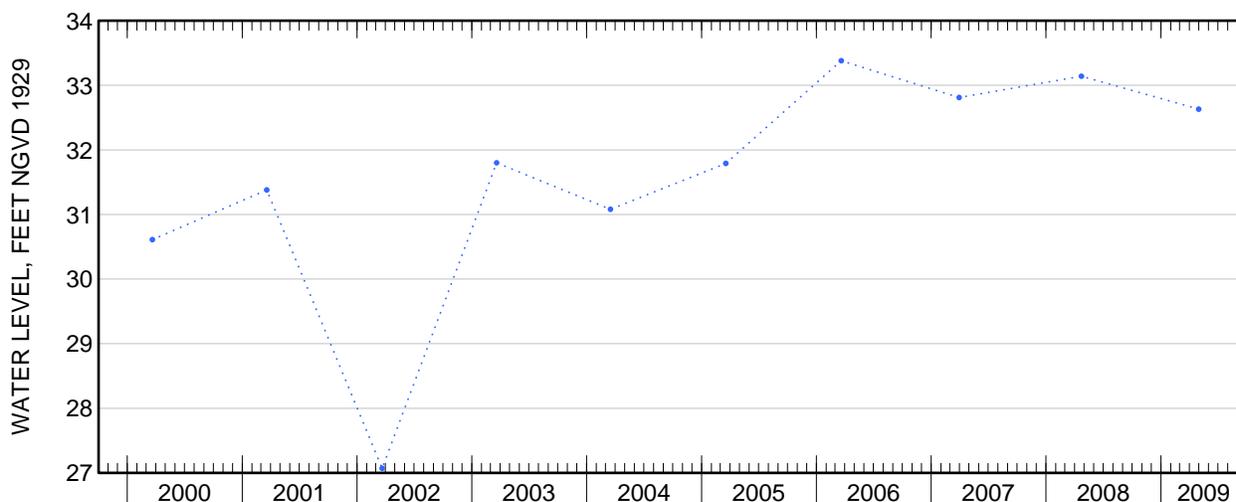
PERIOD OF RECORD.--January 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.83 ft above sea level, April 22, 1980; lowest measured, 26.97 ft above sea level, July 10, 1965.

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

Date	Water level
Apr 30	32.63





Water-Data Report 2009

404236073225001 Local number S 37681. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°42'32", long 73°22'56" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 583 ft. Upper casing diameter 20 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.62 ft below land-surface datum.

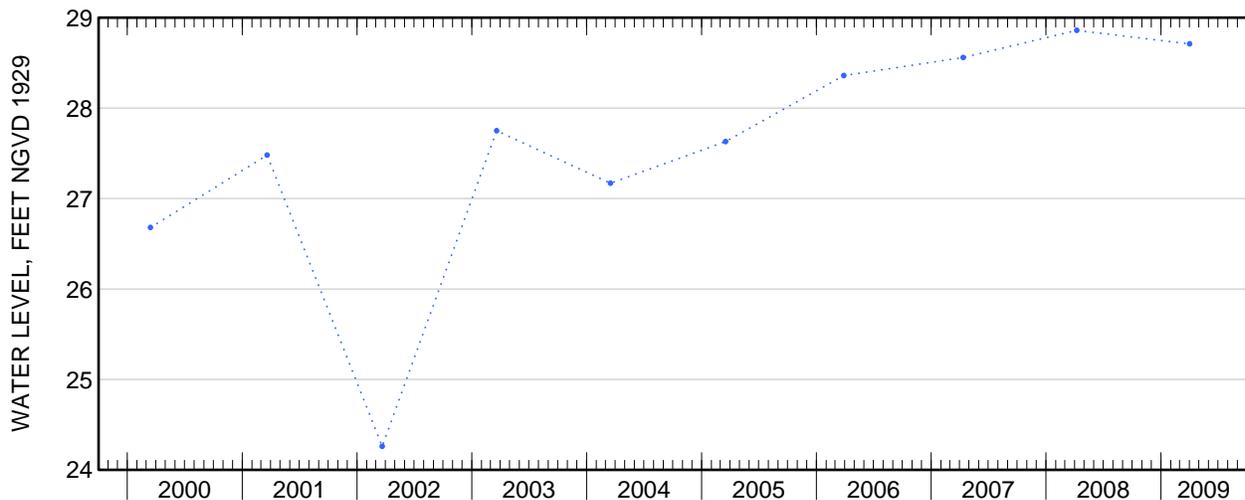
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.61 ft above sea level, April 25, 1984; lowest measured, 24.26 ft above sea level, March 21, 2002.

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

Date	Water level
Apr 1	28.71





Water-Data Report 2009

404237073220601 Local number S 43815. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°42'37.1", long 73°22'06.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Route 109, 69 ft north of Sunrise Highway (Route 27), North Lindenhurst.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 36 ft. Upper casing diameter 6 in; top of first opening 21 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 35.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.67 ft below land-surface datum.

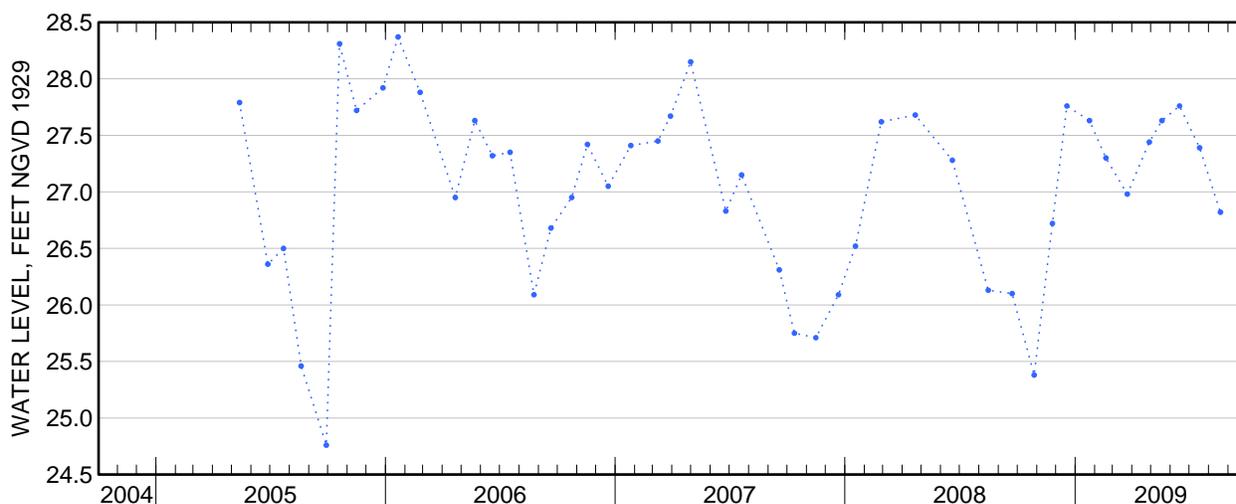
PERIOD OF RECORD.--February 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.38 ft above sea level, March 19, 1979; lowest measured, 24.41 ft above sea level, March 21, 1975.

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

Date	Water level	Date	Water level
Oct 27	25.38	Apr 28	27.44
Nov 25	26.72	May 18	27.63
Dec 18	27.76	Jun 15	27.76
Jan 23	27.63	Jul 17	27.39
Feb 18	27.30	Aug 19	26.82
Mar 24	26.98		





Water-Data Report 2009

404305073161401 Local number S 42762. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°43'05", long 73°16'15" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 714 ft. Upper casing diameter 20 in; top of first opening 650 ft, bottom of last opening 710 ft.

DATUM.--Land-surface datum is 26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.06 ft below land-surface datum.

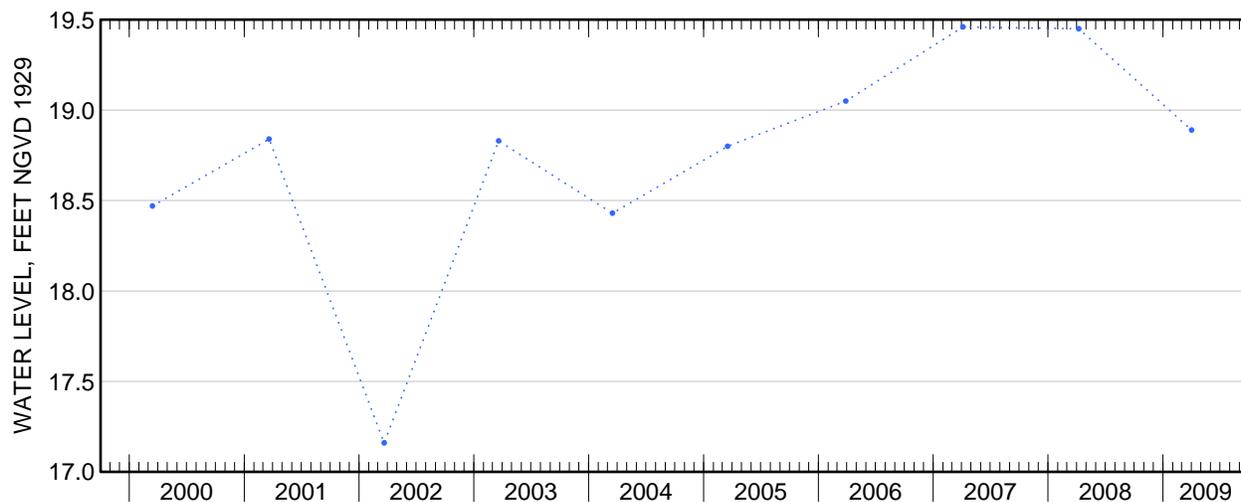
PERIOD OF RECORD.--March 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.-- Highest water level measured, 20.79 ft above sea level, March 29, 1979; lowest measured, 4.74 ft above sea level, June 24, 1986.

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

Date	Water level
Apr 1	18.89





Water-Data Report 2009

404319073184701 Local number S 1807. 6

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°43'21.3", long 73°18'44.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Kimberly Place, west side of Higbie Lane, West Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 21 ft. Upper casing diameter 2 in; top of first opening 19 ft, bottom of last opening 21 ft.

DATUM.--Land-surface datum is 25.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--April 1992 to current year. Unpublished records for October 1912 to November 1914, August 1932 to June 1933, and June 1936 to September 1975, for wells S1807.1 to S1807.5 are available in files of the U.S. Geological Survey.

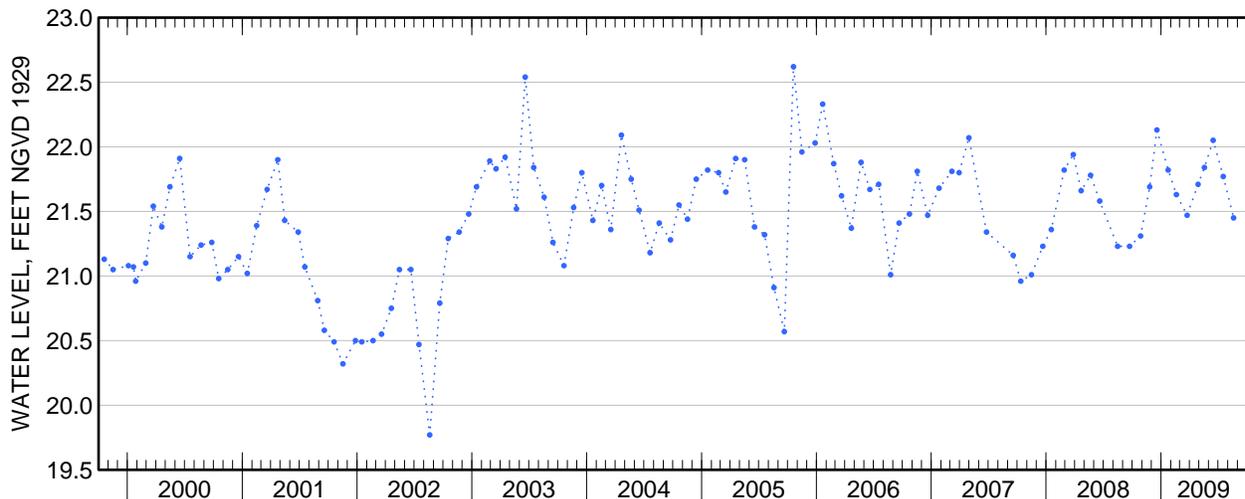
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1807.5 in April 1992 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.62 ft above sea level, October 19, 2005; lowest measured, 19.77 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 27	21.31	Apr 28	21.71
Nov 25	21.69	May 18	21.84
Dec 18	22.13	Jun 15	22.05
Jan 23	21.82	Jul 17	21.77
Feb 18	21.63	Aug 19	21.45
Mar 24	21.47		





Water-Data Report 2009

404347073195501 Local number S 10370. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°43'46.9", long 73°19'53.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 46 ft. Upper casing diameter 8 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.50 ft above land-surface datum.

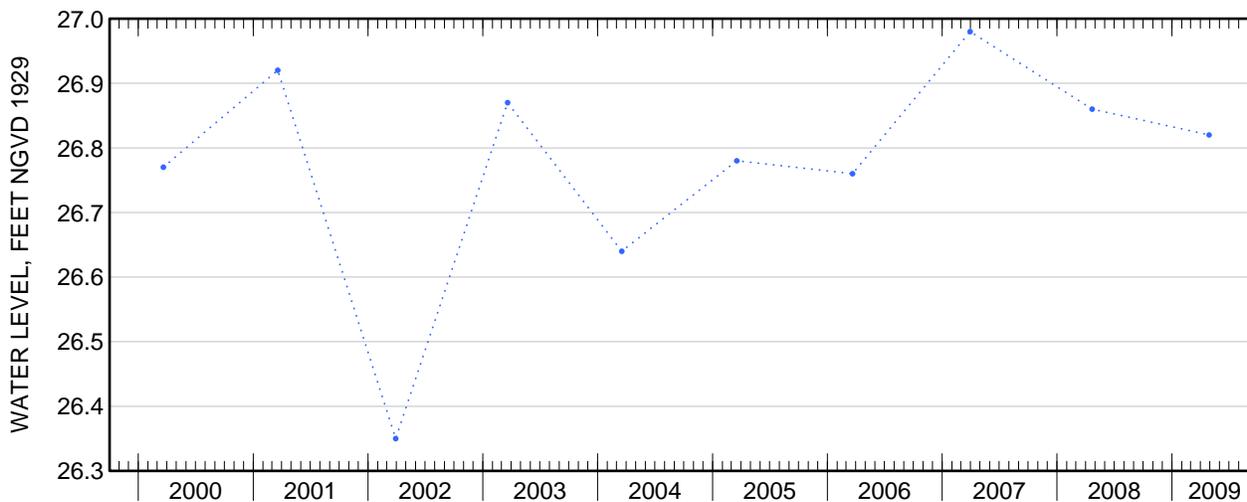
PERIOD OF RECORD.--March 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.39 ft above sea level, June 1, 1983; lowest measured, 22.70 ft above sea level, July 26, 1975.

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

Date	Water level
Apr 28	26.82





Water-Data Report 2009

404351073164904 Local number S 1809. 4

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°43'51.0", long 73°16'44.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southeast corner of Muncey Road and Manor Lane, in recharge basin, Bay Shore.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in; top of first opening 26 ft, bottom of last opening 29 ft.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1981 to current year. Unpublished records for October 1912 to November 1914 and August 1932 to September 1975, for wells S1809.1 to S1809.3 are available in files of the U.S. Geological Survey.

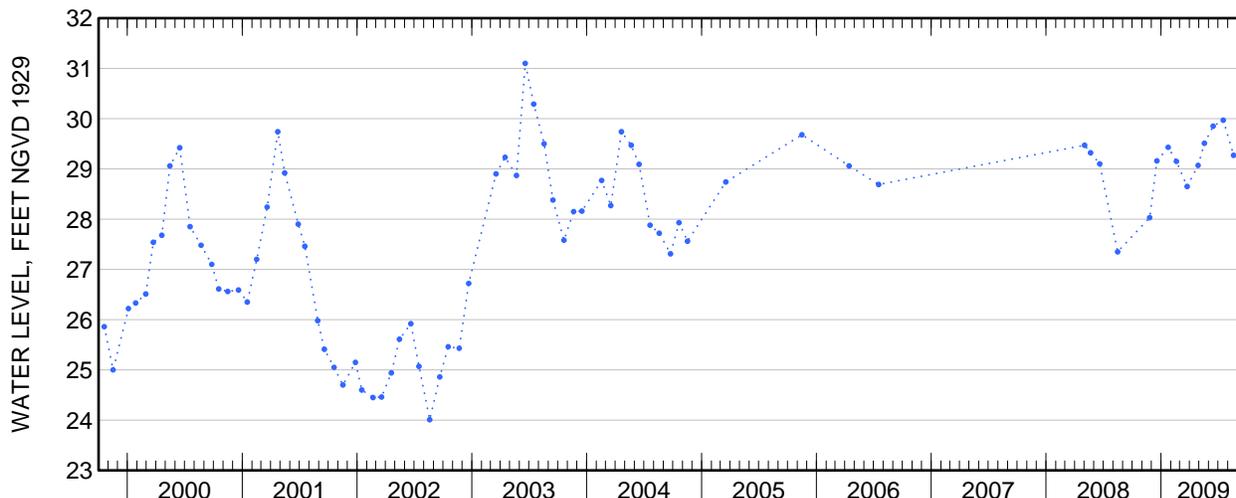
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1809.3 in March 1981 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.97 ft above sea level, June 23, 1989; lowest measured, 24.01 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Nov 25	28.03	Apr 28	29.07
Dec 18	29.16	May 18	29.51
Jan 23	29.43	Jun 15	29.85
Feb 18	29.15	Jul 17	29.97
Mar 24	28.65	Aug 19	29.27





Water-Data Report 2009

404353073215801 Local number S 51298. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°43'53", long 73°21'58" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 652 ft. Upper casing diameter 20 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 54.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.65 ft below land-surface datum.

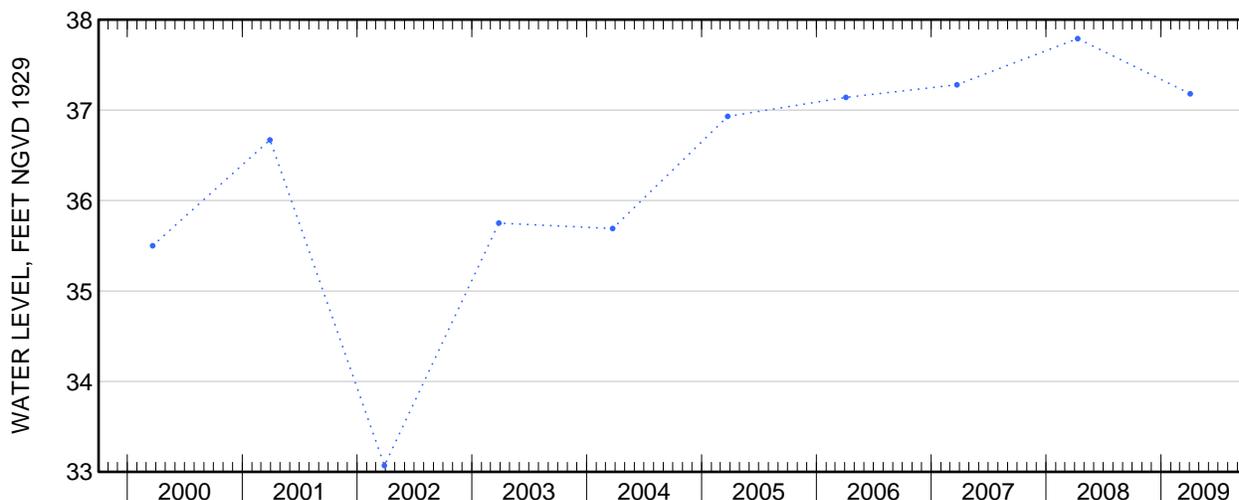
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.15 ft above sea level, April 29, 1984; lowest measured, 31.73 ft above sea level, June 23, 1986.

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

Date	Water level
Apr 3	37.18





Water-Data Report 2009

404357072515702 Local number S 52163. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°43'57.6", long 72°51'55.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Smith Point County Park, 50 ft south of traffic circle, middle well.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,305 ft. Upper casing diameter 4 in; top of first opening 1,279 ft, bottom of last opening 1,300 ft.

DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.01 ft above land-surface datum.

PERIOD OF RECORD.--December 1974 to December 1982 and September 1988 to current year.

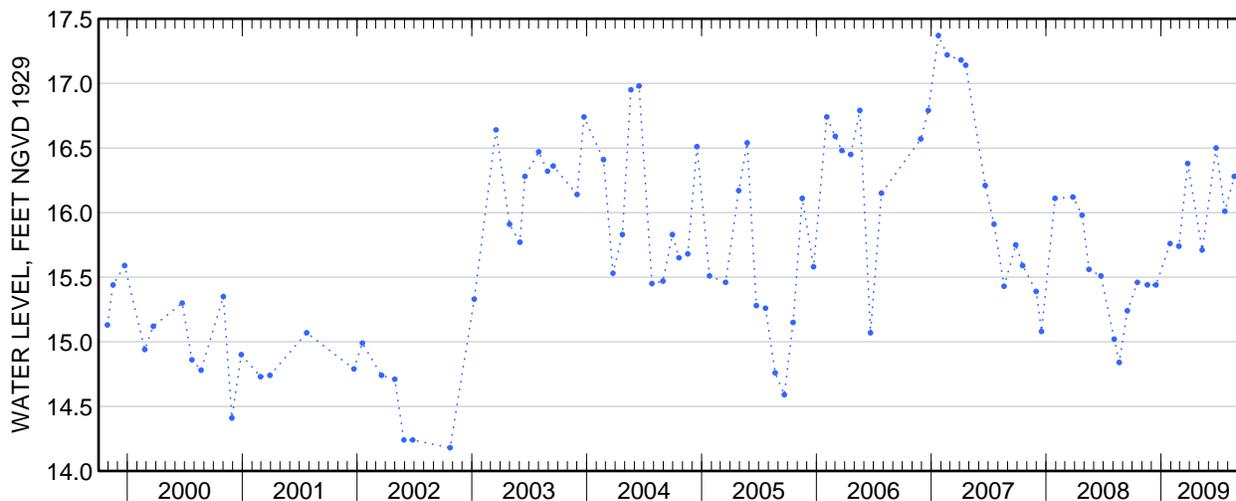
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.10 ft above sea level, July 25, 1978; lowest measured, 14.18 ft above sea level, October 23, 2002.

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

Date	Water level	Date	Water level
Oct 17	15.46	Mar 26	16.38
Nov 18	15.44	May 11	15.71
Dec 15	15.44	Jun 24	16.50
Jan 29	15.76	Jul 22	16.01
Feb 26	15.74	Aug 21	16.28





Water-Data Report 2009

404357072515703 Local number S 52164. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°43'57.5", long 72°51'55.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Smith Point County Park, 50 ft south of traffic circle, westernmost well.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 735 ft. Upper casing diameter 4 in; top of first opening 709 ft, bottom of last opening 730 ft.

DATUM.--Land-surface datum is 17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 4.14 ft above land-surface datum.

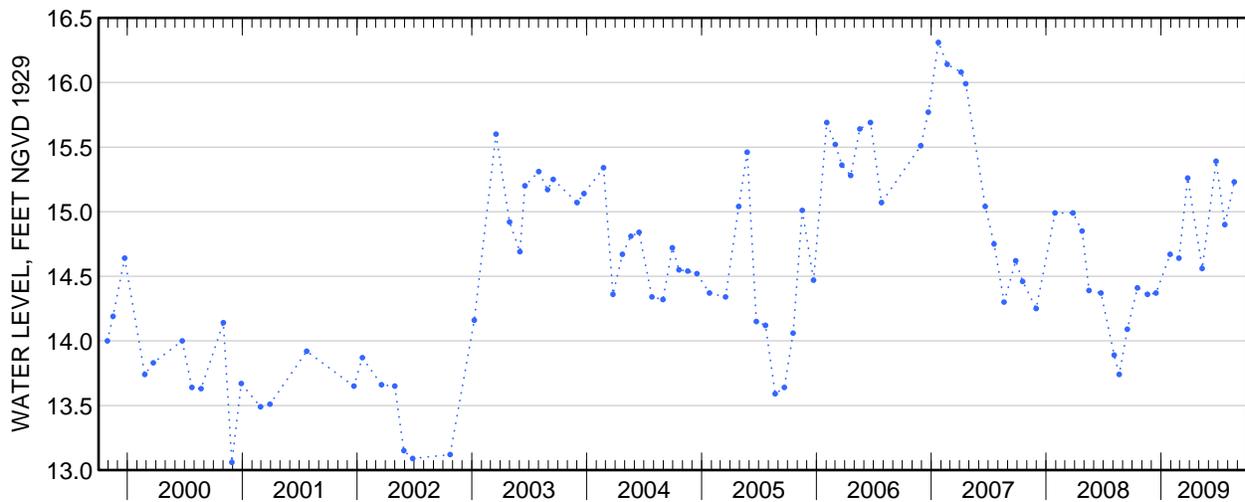
PERIOD OF RECORD.--December 1974 to March 1978, October 1980 to July 1986, and March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.57 ft above sea level, October 1, 1976; lowest measured, 13.06 ft above sea level, November 28, 2000.

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

Date	Water level	Date	Water level
Oct 17	14.41	Mar 26	15.26
Nov 18	14.36	May 11	14.56
Dec 15	14.37	Jun 24	15.39
Jan 29	14.67	Jul 22	14.90
Feb 26	14.64	Aug 21	15.23





Water-Data Report 2009

404415073114001 Local number S 63618. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°44'14.2", long 73°11'38.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 553 ft. Upper casing diameter 20 in; top of first opening 490 ft, bottom of last opening 550 ft.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 3.64 ft above land-surface datum.

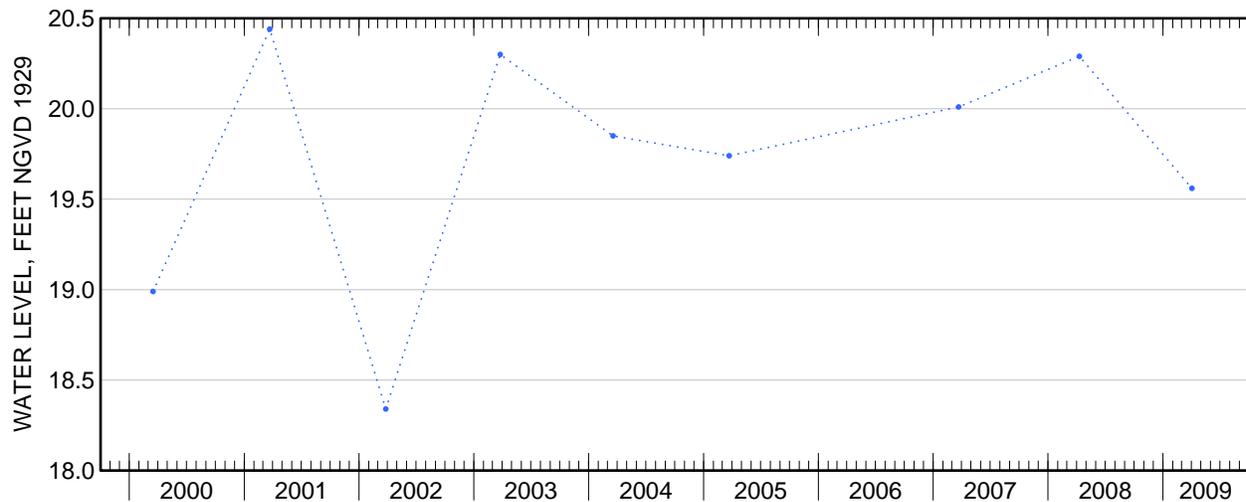
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.82 ft above sea level, April 6, 1988; lowest measured, 17.17 ft above sea level, June 25, 1986.

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

Date	Water level
Apr 2	19.56





Water-Data Report 2009

404432073151303 Local number S 50546. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°44'30.5", long 73°15'11.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 668 ft. Upper casing diameter 20 in; top of first opening 604 ft, bottom of last opening 665 ft.

DATUM.--Land-surface datum is 39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 2.55 ft below land-surface datum.

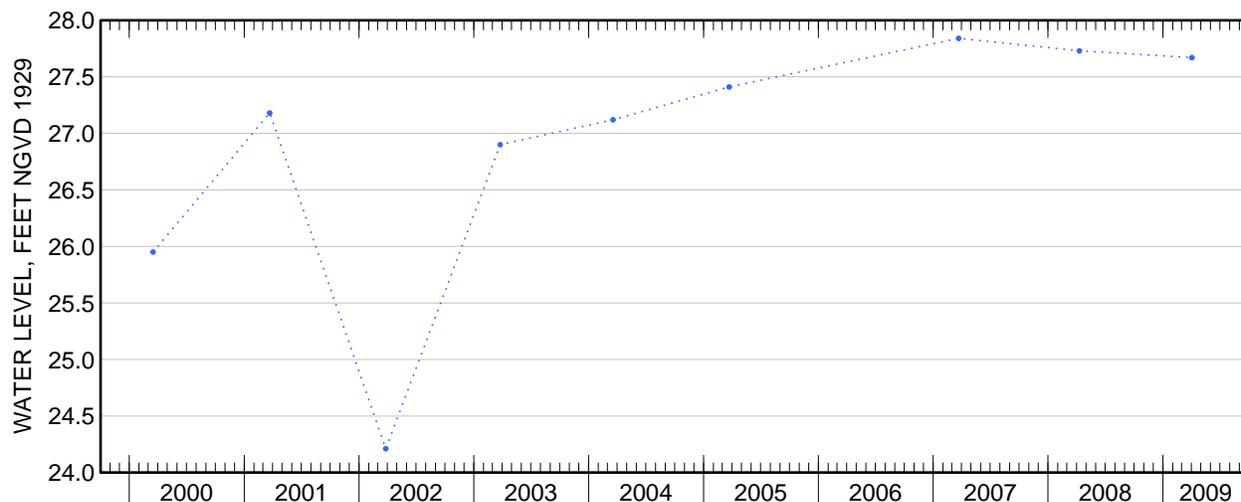
PERIOD OF RECORD.--March 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.57 ft above sea level, March 26, 1990; lowest measured, 23.79 ft above sea level, April 10, 1996.

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

Date	Water level
Apr 2	27.67





Water-Data Report 2009

404433073212701 Local number S 11204. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°44'36.1", long 73°21'25.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 8 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.16 ft above land-surface datum.

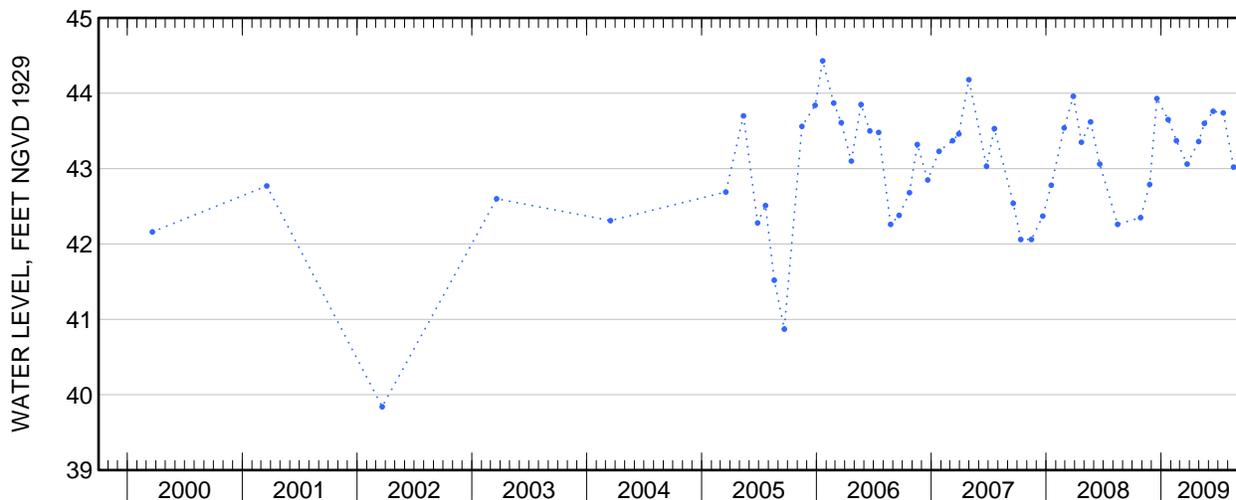
PERIOD OF RECORD.--January 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.72 ft above sea level, May 2, 1983; lowest measured, 38.76 ft above sea level, August 20, 1966.

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

Date	Water level	Date	Water level
Oct 27	42.35	Apr 30	43.36
Nov 25	42.79	May 18	43.60
Dec 18	43.93	Jun 15	43.76
Jan 23	43.65	Jul 17	43.74
Feb 18	43.37	Aug 19	43.02
Mar 24	43.06		





Water-Data Report 2009

404442073240503 Local number S 1806.3

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°44'41.9", long 73°24'03.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Wellwood Avenue, north of Conklin Street, south of railroad tracks, Pinelawn.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 41 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 85.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.10 ft below land-surface datum.

PERIOD OF RECORD.--August 1977 to current year. Unpublished records for October 1912 to November 1914 and May to September 1975, for wells S1806.1 to S1806.2 are available in files of the U.S. Geological Survey.

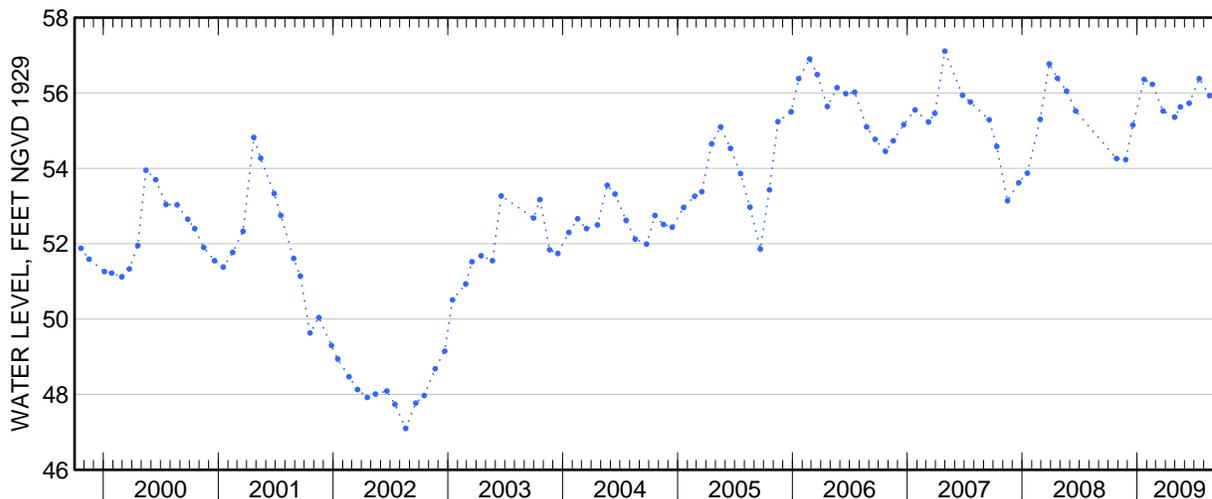
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1806.2 in August 1977 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.37 ft above sea level, June 20, 1984; lowest measured, 47.10 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 27	54.26	Apr 30	55.36
Nov 25	54.23	May 18	55.63
Dec 18	55.15	Jun 15	55.73
Jan 23	56.36	Jul 17	56.38
Feb 18	56.23	Aug 19	55.93
Mar 24	55.52		





Water-Data Report 2009

404458073003801 Local number S128336. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°44'57.9", long 73°00'37.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 6. ft. Upper casing diameter 2 in; top of first opening 2 ft, bottom of last opening 4 ft.

DATUM.--Land-surface datum is 2.8 ft above North American Vertical Datum of 1988.

**WATER-QUALITY DATA
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-25-2009	0840	1.92	1.7	6.5	952	8.3	180	34.5	14.7	4.44

404458073003801 Local number S128336. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂	Sulfate, water, filtered, mg/L (00945)
		mg/L as CaCO ₃ (90410)	mg/L as CaCO ₃ (39086)	mg/L (00453)	mg/L (00452)			mg/L as SiO ₂ (00955)	
03-25-2009	128	112	114	140	< 1	192	E .09	6.7	32.8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)
		mg/L as N (00631)		mg/L as P (00671)	mg/L as P (00666)		mg/L (62854)	mg/L (62855)	
03-25-2009	.101	.48	E .002	E .007	.007	.221	.98	1.07	554

404458073003801 Local number S128336. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-25-2009	59	6.2	8.70



Water-Data Report 2009

404500073005201 Local number S128334. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'00.5", long 73°00'52.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 4.8 ft. Upper casing diameter 2 in; top of first opening 0.8 ft, bottom of last opening 2.8 ft.

DATUM.--Land-surface datum is 3.1 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Sample start time	Depth to water level, ft below land surface (72019)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)
03-19-2009	1100	.73	6.3	165	6.8	6.5	12.6	2.48	1.70	11.0

404500073005201 Local number S128334. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (90410)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection- point, incremental titration method, field, mg/L (00453)	Carbonate, water, filtered, inflection- point incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)
	03-19-2009	43	51	62	< 1	12.4	.20	15.7	5.43

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)	Boron, water, filtered, μg/L (01020)
	03-19-2009	< .04	E .001	.390	.367	.393	.56	.60	4,140

**WATER-QUALITY DATA
WATER YEAR OCTOBER
2008 TO SEPTEMBER
2009**

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Organic carbon, water, filtered, mg/L (00681)
03-19-2009	4.4



Water-Data Report 2009

404500073062101 Local number S 56030. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°44'57.4", long 73°06'27.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 36 ft. Upper casing diameter 6 in; top of first opening 26 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.96 ft below land-surface datum.

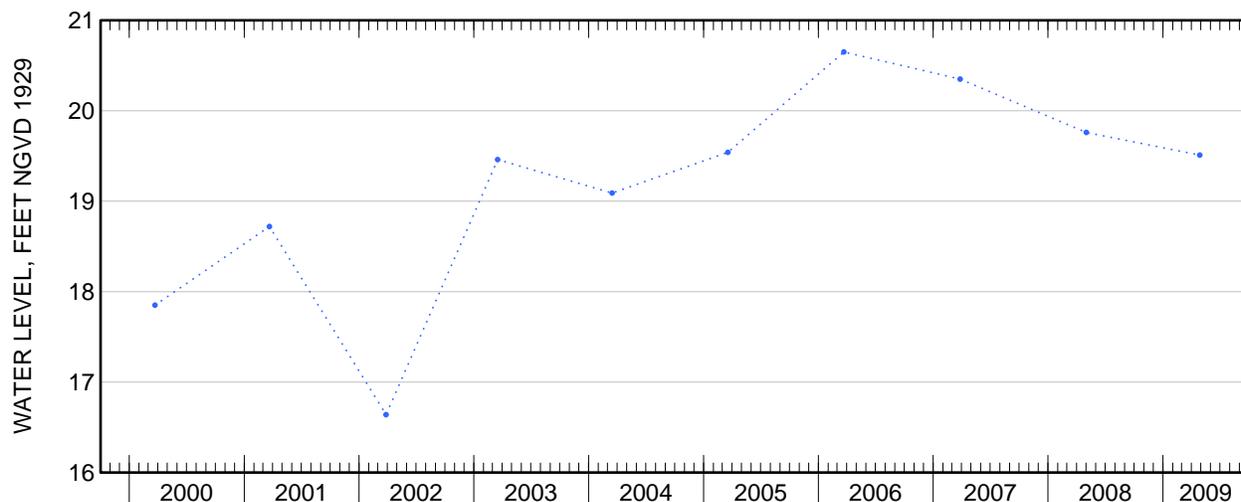
PERIOD OF RECORD.--May 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.65 ft above sea level, March 22, 2006; lowest measured, 16.64 ft above sea level, March 27, 2002.

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

Date	Water level
Apr 27	19.51





Water-Data Report 2009

404507073005201 Local number S128335. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'06.9", long 73°00'52.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 5.5 ft. Upper casing diameter 2 in; top of first opening 1.5 ft, bottom of last opening 3.5 ft.

DATUM.--Land-surface datum is 2.2 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-19-2009	0930	1.13	< 1.0	6.2	1,930	7.2	5.4	39.3	15.8	7.19

404507073005201 Local number S128335. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
		titration, laboratory, mg/L as CaCO ₃ (90410)	mg/L as CaCO ₃ (39086)	mg/L as CaCO ₃ (00453)	mg/L (00452)				
03-19-2009	270	97	143	174	< 1	504	E .07	5.4	6.50

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)
		water, filtered, mg/L as N (00631)							
03-19-2009	2.87	< .04	.005	< .008	.025	.045	3.52	3.52	30,600

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO
SEPTEMBER 2009**

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)
03-19-2009	34	18.2



Water-Data Report 2009

404508073080902 Local number S 45636. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'08.2", long 73°08'08.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Connetquot River State Park, west side of Pond Road, just north of Sunrise Highway (Route 27), Central Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 6 in; top of first opening 17 ft, bottom of last opening 27 ft.

DATUM.--Land-surface datum is 14.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 0.04 ft below land-surface datum.

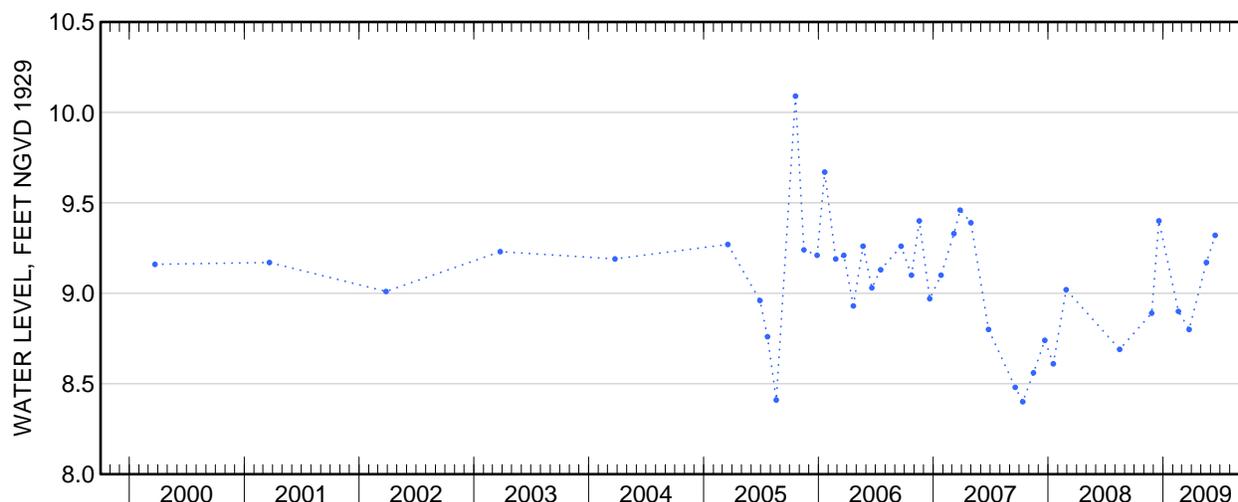
PERIOD OF RECORD.--June 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.70 ft above sea level, January 25, 1979; lowest measured, 8.06 ft above sea level, September 9, 1986.

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

Date	Water level	Date	Water level
Nov 25	8.89	Mar 24	8.80
Dec 18	9.40	May 18	9.17
Feb 18	8.90	Jun 15	9.32





Water-Data Report 2009

404509073003701 Local number S128392. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'09.4", long 73°00'37.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 7 ft. Upper casing diameter 2 in; top of first opening 3 ft, bottom of last opening 5 ft.

DATUM.--Land-surface datum is 5.1 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-25-2009	0915	3.66	2.1	6.1	1,060	7.1	19	47.9	4.86	2.10

404509073003701 Local number S128392. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
		titration, laboratory, mg/L as CaCO ₃ (90410)	mg/L as CaCO ₃ (39086)	mg/L as CaCO ₃ (00453)	mg/L (00452)				
03-25-2009	160	104	104	126	< 1	252	E .06	7.6	20.3

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)
		mg/L as N (00631)					mg/L	mg/L	
03-25-2009	.032	1.96	.010	E .006	E .003	.044	2.22	2.13	19

404509073003701 Local number S128392. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-25-2009	68	2.8	17.53



Water-Data Report 2009

404513073005401 Local number S128333. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'13.4", long 73°00'54.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 6.7 ft. Upper casing diameter 2 in; top of first opening 2.7 ft, bottom of last opening 4.7 ft.

DATUM.--Land-surface datum is 4.6 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-18-2009	1300	3.31	7.5	6.2	817	9.5	4.0	40.1	9.32	2.96

404513073005401 Local number S128333. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂	Sulfate, water, filtered, mg/L (00945)
		titration, laboratory, mg/L as CaCO ₃ (90410)	mg/L as CaCO ₃ (39086)	mg/L as CaCO ₃ (00453)	mg/L (00452)			mg/L as SiO ₂ (00955)	
03-18-2009	77.8	31	28	34	< 1	193	< .08	3.9	16.9

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite,	Orthophos- phate,	Phos- phorus,	Phosphorus,	Total nitrogen, water, filtered, analytically determined,	Total nitrogen, water, unfiltered, analytically determined,	Iron, water, filtered, μg/L (01046)
		water, filtered, mg/L as N (00631)	water, filtered, mg/L as N (00613)	water, filtered, mg/L as P (00671)	water, filtered, mg/L as P (00666)	water, unfiltered, mg/L as P (00665)	mg/L (62854)	mg/L (62855)	
03-18-2009	< .020	3.97	E .002	< .008	< .006	.015	4.61	4.17	15

404513073005401 Local number S128333. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-18-2009	26	5.5	7.75



Water-Data Report 2009

404519073003901 Local number S128393. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'19.4", long 73°00'39.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 9.5 ft. Upper casing diameter 2 in; top of first opening 5.5 ft, bottom of last opening 7.5 ft.

DATUM.--Land-surface datum is 8.5 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

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 conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-25-2009	1220	6.28	6.3	6.2	657	8.4	3.0	39.2	3.22	1.83

404519073003901 Local number S128393. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂	Sulfate, water, filtered, mg/L (00945)
		mg/L as CaCO ₃ (90410)	mg/L as CaCO ₃ (39086)	mg/L (00453)	mg/L (00452)			mg/L as SiO ₂ (00955)	
03-25-2009	80.7	68	67	82	< 1	132	< .08	4.8	13.5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite,	Orthophos- phate,	Phos- phorus,	Phosphorus,	Total nitrogen, water, filtered, analytically determined,	Total nitrogen, water, unfiltered, analytically determined,	Iron, water, filtered, μg/L (01046)
		mg/L as N (00631)	mg/L as N (00613)	mg/L as P (00671)	mg/L as P (00666)	mg/L as P (00665)	mg/L (62854)	mg/L (62855)	
03-25-2009	.031	5.16	< .002	.036	.033	.041	5.24	5.06	E 3

404519073003901 Local number S128393. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

Date	Boron, water, filtered, µg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-25-2009	24	2.2	4.27



Water-Data Report 2009

404519073005301 Local number S128332. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'15.8", long 73°00'53.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 8.2 ft. Upper casing diameter 2 in; top of first opening 4.2 ft, bottom of last opening 6.2 ft.

DATUM.--Land-surface datum is 6.5 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than]

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 conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-18-2009	1130	5.02	1.9	6.3	588	7.9	10	32.0	4.25	1.97

404519073005301 Local number S128332. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
		titration, laboratory, mg/L as CaCO ₃ (90410)	mg/L as CaCO ₃ (39086)	mg/L as CaCO ₃ (00453)	mg/L (00452)				
03-18-2009	69.6	59	58	71	< 1	128	< .08	5.2	26.0

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)
		water, filtered, mg/L as N (00631)					mg/L	mg/L	
03-18-2009	< .020	1.31	.014	< .008	< .006	.028	1.56	1.44	8

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-18-2009	36	5.1	27.86



Water-Data Report 2009

404524073044801 Local number S 60812. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°45'25.5", long 73°04'47.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 489 ft. Upper casing diameter 20 in; top of first opening 404 ft, bottom of last opening 484 ft.

DATUM.--Land-surface datum is 38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 6.40 ft below land-surface datum.

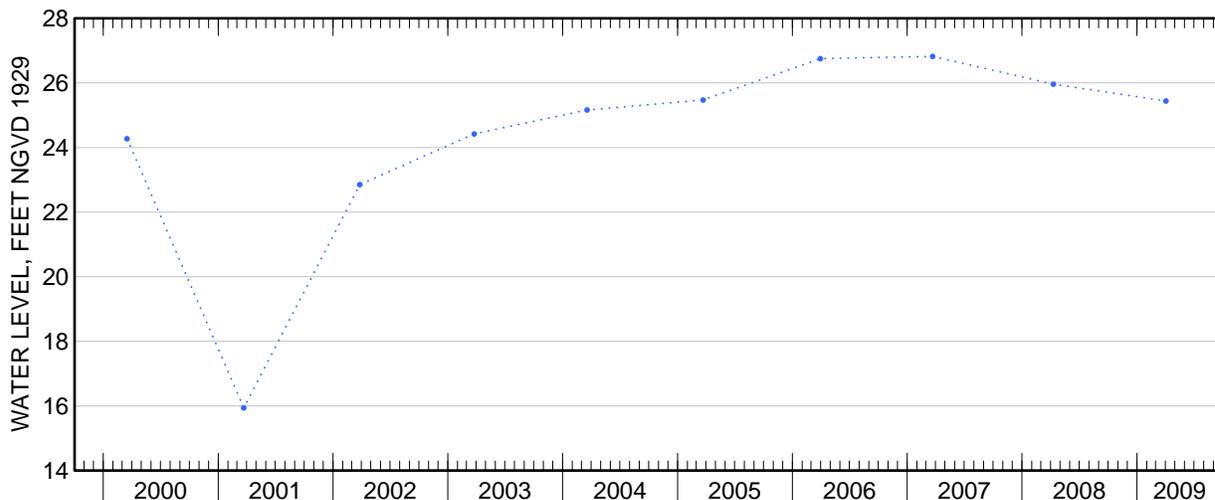
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.54 ft above sea level, April 20, 1984; lowest measured, 15.94 ft above sea level, March 22, 2001.

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

Date	Water level
Apr 2	25.44





Water-Data Report 2009

404525073005801 Local number S128331. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'25.4", long 73°00'57.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 8.2 ft. Upper casing diameter 2 in; top of first opening 4.2 ft, bottom of last opening 6.2 ft.

DATUM.--Land-surface datum is 5.9 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-18-2009	1030	4.37	6.0	4.9	637	8.0	6.0	14.9	4.56	2.37

404525073005801 Local number S128331. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5) titration, laboratory, mg/L as CaCO ₃ (90410)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection- point, incremental titration method, field, mg/L (00453)	Carbonate, water, filtered, inflection- point incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
03-18-2009	87.3	< 8	28	7	< 1	176	< .08	7.0	22.4

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	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)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)
03-18-2009	< .020	.98	< .002	< .008	< .006	E .006	1.15	1.05	6

404525073005801 Local number S128331. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-18-2009	24	2.3	12.71



Water-Data Report 2009

404530073004401 Local number S128337. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'29.8", long 73°00'43.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 15.2 ft. Upper casing diameter 2 in; top of first opening 8.2 ft, bottom of last opening 10.2 ft.

DATUM.--Land-surface datum is 11.7 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-25-2009	1015	8.54	2.6	4.3	938	10.2	2.0	41.2	7.82	15.7

404530073004401 Local number S128337. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than]

Date	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection- point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection- point, incremental titration method, field, mg/L (00453)	Carbonate, water, filtered, inflection- point incremental titration method, field, mg/L (00452)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)
03-25-2009	80.5	3	6	< 1	143	< .08	16.1	25.1	16.2

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; --, no data; <, less than]

Date	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)	Boron, water, filtered, μg/L (01020)
03-25-2009	40.0	.055	1.84	1.91	2.55	61.3	61.2	14	20

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO
SEPTEMBER 2009**

Part 4 of 4

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μ S/cm, microsiemens per centimeter; μ g/L, micrograms per liter; --, no data; <, less than]

Date	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-25-2009	3.7	.37



Water-Data Report 2009

404530073115104 Local number S 17987. 4

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'50.7", long 73°11'49.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at northwest corner of Carleton Avenue and Court Drive, Central Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 2 in; top of first opening 20 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.51 ft below land-surface datum.

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

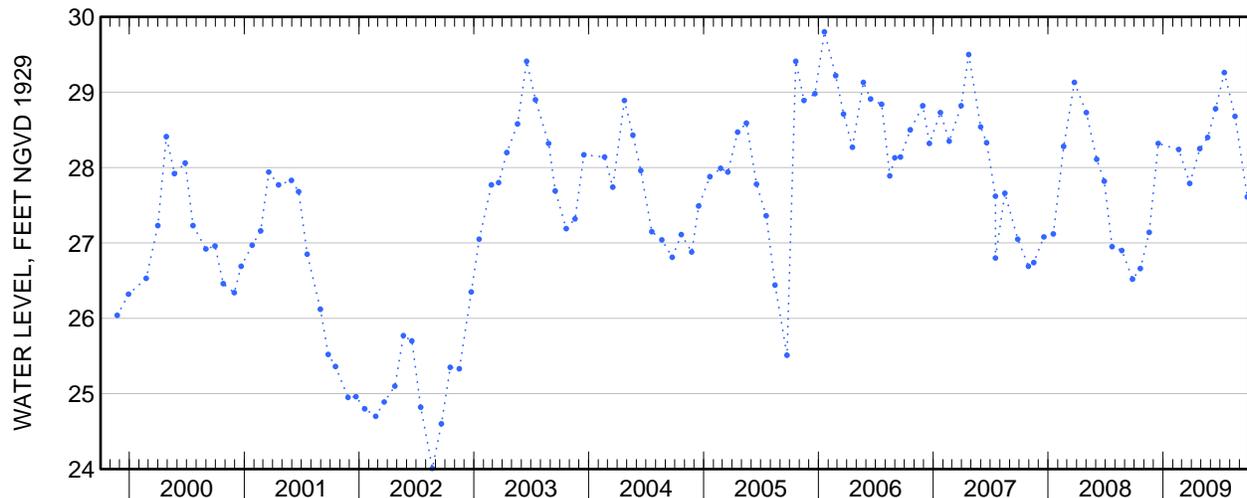
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S17987.3 in August 1999 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.80 ft above sea level, January 19, 2006; lowest measured, 24.01 ft above sea level, August 21, 2002.

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

Date	Water level	Date	Water level
Oct 20	26.66	May 22	28.40
Nov 17	27.14	Jun 16	28.78
Dec 16	28.32	Jul 14	29.26
Feb 19	28.24	Aug 17	28.68
Mar 26	27.79	Sep 25	27.61
Apr 27	28.25		





Water-Data Report 2009

404530073181102 Local number S 76016. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°45'30.7", long 73°18'09.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Burt Lane, 149 ft west of West Jefryn Boulevard, Deer Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 762 ft. Upper casing diameter 4 in; top of first opening 752 ft, bottom of last opening 757 ft.

DATUM.--Land-surface datum is 63.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.33 ft below land-surface datum.

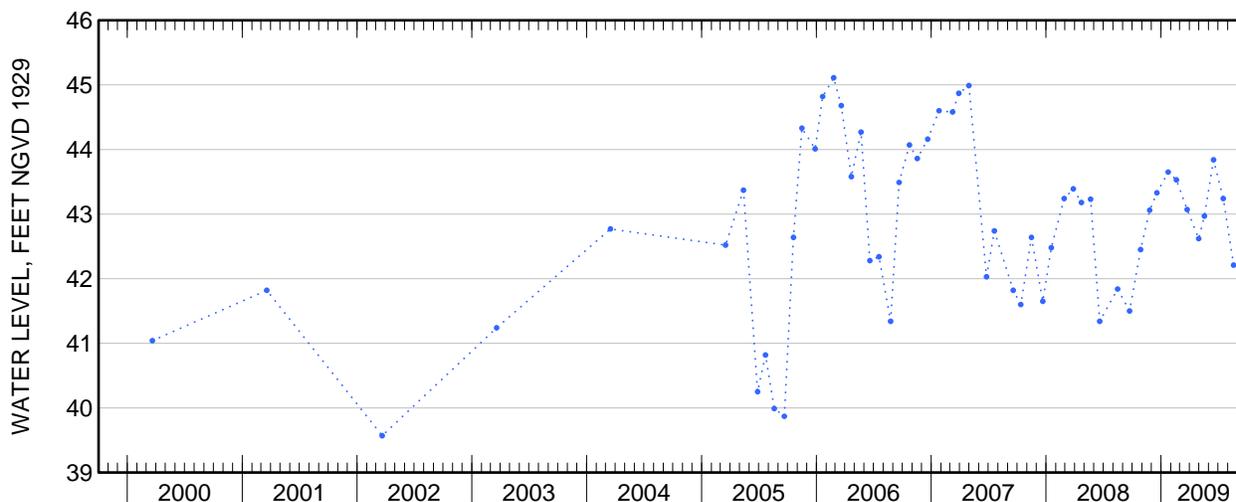
PERIOD OF RECORD.--June 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.77 ft above sea level, November 16, 1990; lowest measured, 38.98 ft above sea level, August 22, 1988.

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

Date	Water level	Date	Water level
Oct 27	42.45	Apr 30	42.62
Nov 25	43.06	May 18	42.97
Dec 18	43.33	Jun 16	43.84
Jan 23	43.65	Jul 17	43.24
Feb 18	43.53	Aug 19	42.21
Mar 24	43.07		





Water-Data Report 2009

404530073181103 Local number S 76017. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°45'30.6", long 73°18'08.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 503 ft. Upper casing diameter 4 in; top of first opening 495 ft, bottom of last opening 500 ft.

DATUM.--Land-surface datum is 63.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

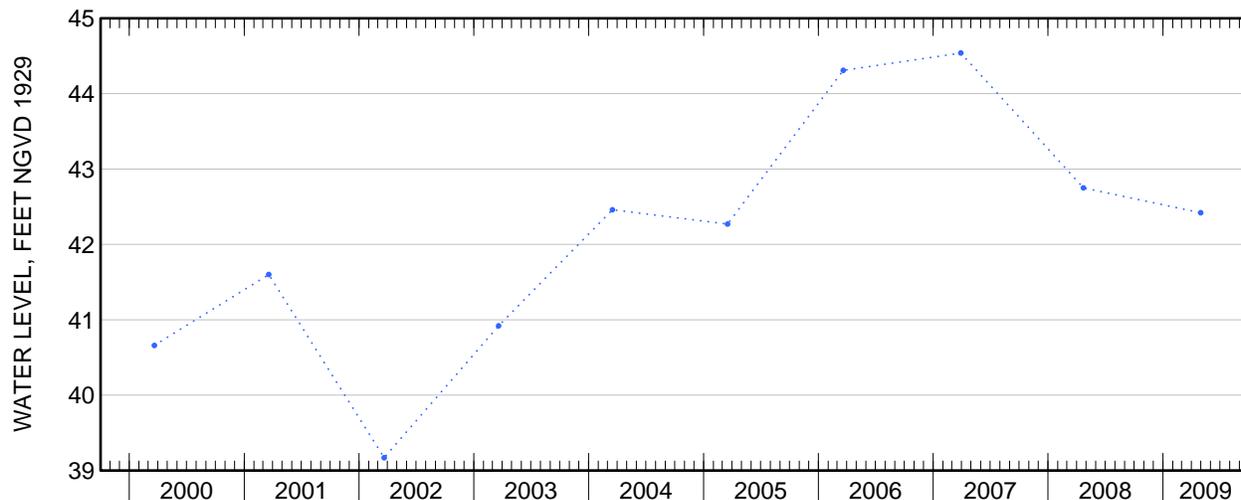
PERIOD OF RECORD.--June 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.50 ft above sea level, November 16, 1990; lowest measured, 38.72 ft above sea level, September 19, 1995.

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

Date	Water level
Apr 30	42.42





Water-Data Report 2009

404530073181105 Local number S 76019. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°45'30.6", long 73°18'08.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Burt Lane, 149 ft west of West Jefryn Boulevard, Deer Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 62 ft. Upper casing diameter 2 in; top of first opening 57 ft, bottom of last opening 62 ft.

DATUM.--Land-surface datum is 63 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.14 ft below land-surface datum.

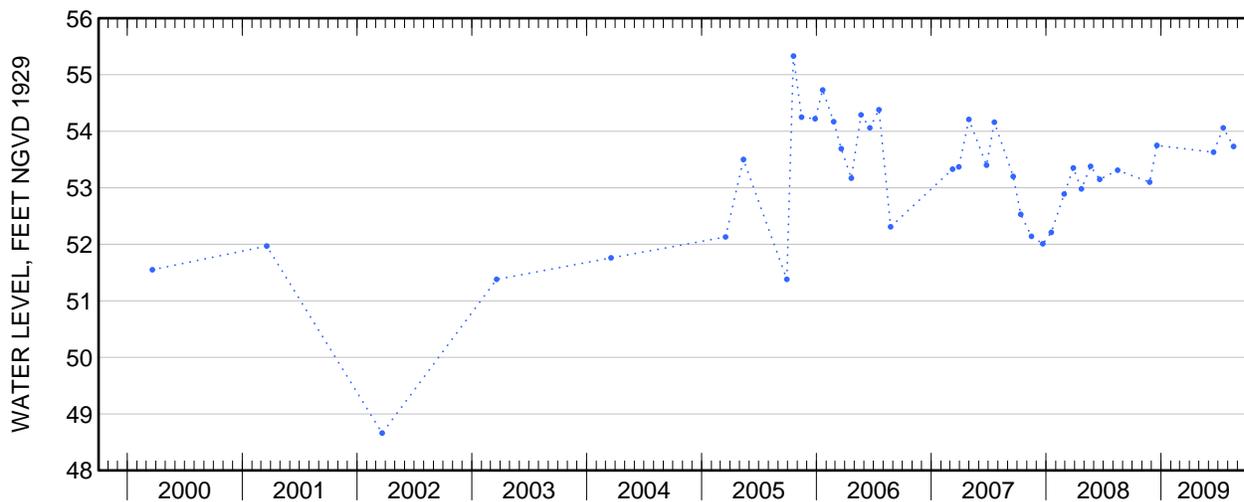
PERIOD OF RECORD.--September 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.11 ft above sea level, October 16, 1990; lowest measured, 48.66 ft above sea level, March 21, 2002.

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

Date	Water level	Date	Water level
Nov 25	53.10	Jul 17	54.06
Dec 18	53.75	Aug 19	53.73
Jun 16	53.63		





Water-Data Report 2009

404532073010101 Local number S128330. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°45'32.8", long 73°01'01.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 8.2 ft. Upper casing diameter 2 in; top of first opening 4.2 ft, bottom of last opening 6.2 ft.

DATUM.--Land-surface datum is 6.2 ft above North American Vertical Datum of 1988.

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; µS/cm, microsiemens per centimeter; µg/L, micrograms per liter; <, less than; E, estimated]

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 conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
03-18-2009	0845	4.36	5.0	5.9	697	8.2	25	22.8	4.39	3.49

404532073010101 Local number S128330. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, fixed endpoint (pH 4.5)	Alkalinity, water, filtered, inflection- point, incremental titration method, field,	Bicarbonate, water, filtered, inflection- point, incremental titration method, field,	Carbonate, water, filtered, inflection- point incremental titration method, field,	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
		titration, laboratory, mg/L as CaCO ₃ (90410)	method, field, mg/L as CaCO ₃ (39086)	method, field, mg/L (00453)	method, field, mg/L (00452)				
03-18-2009	84.2	32	36	44	< 1	163	< .08	6.5	12.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Ammonia, water, filtered, mg/L as N (00608)	Nitrate plus nitrite,	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Phos- phorus, water, filtered, mg/L as P (00666)	Phosphorus, water, unfiltered, mg/L as P (00665)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Total nitrogen, water, unfiltered, analytically determined, mg/L (62855)	Iron, water, filtered, μg/L (01046)
		water, filtered, mg/L as N (00631)					mg/L	mg/L	
03-18-2009	E .019	3.64	E .002	E .005	E .005	.046	4.16	3.75	5

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 4 of 4

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; SiO₂, silicon dioxide; ft, feet; mg/L, milligrams per liter; nm, nanometers; per mil, parts per thousand; °C, degrees Celsius; μS/cm, microsiemens per centimeter; μg/L, micrograms per liter; <, less than; E, estimated]

Date	Boron, water, filtered, μg/L (01020)	Organic carbon, water, filtered, mg/L (00681)	Nitrogen- 15/- Nitrogen- 14 ratio in nitrate fraction, water, filtered, per mil (82690)
03-18-2009	26	4.0	6.82



Water-Data Report 2009

404540073211001 Local number S 11240. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°45'40", long 73°21'10" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 6 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.24 ft above land-surface datum.

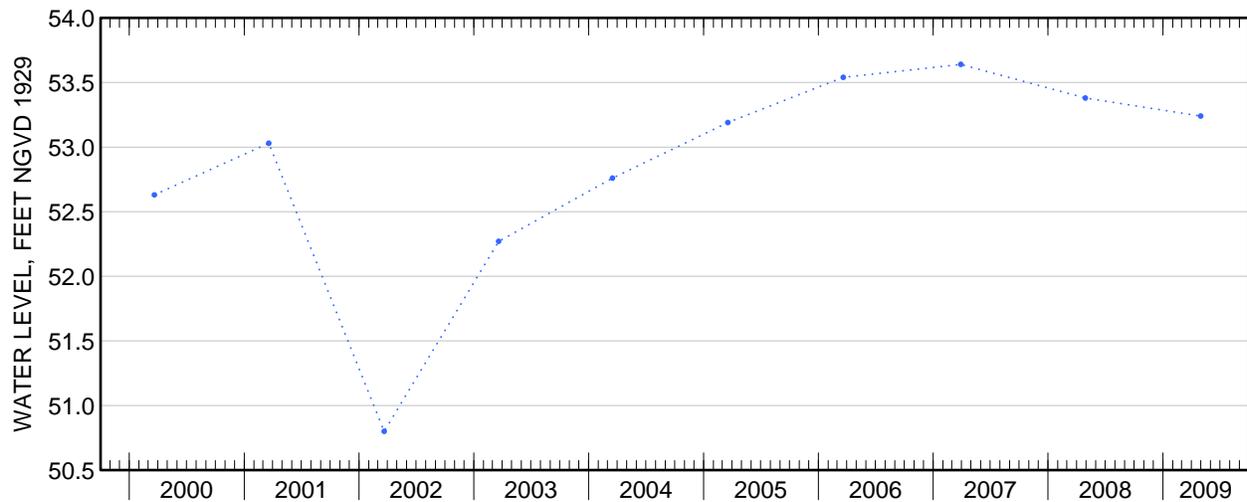
PERIOD OF RECORD.--January 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.78 ft above sea level, August 23, 1979; lowest measured, 43.09 ft above sea level, March 31, 1973.

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

Date	Water level
Apr 30	53.24





Water-Data Report 2009

404607072594702 Local number S 47751. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°46'05.9", long 72°59'45.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Montauk Highway (Route 27A), east of Phyllis Drive, East Patchogue.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 38 ft. Upper casing diameter 4 in; top of first opening 23 ft, bottom of last opening 33 ft.

DATUM.--Land-surface datum is 24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.58 ft below land-surface datum.

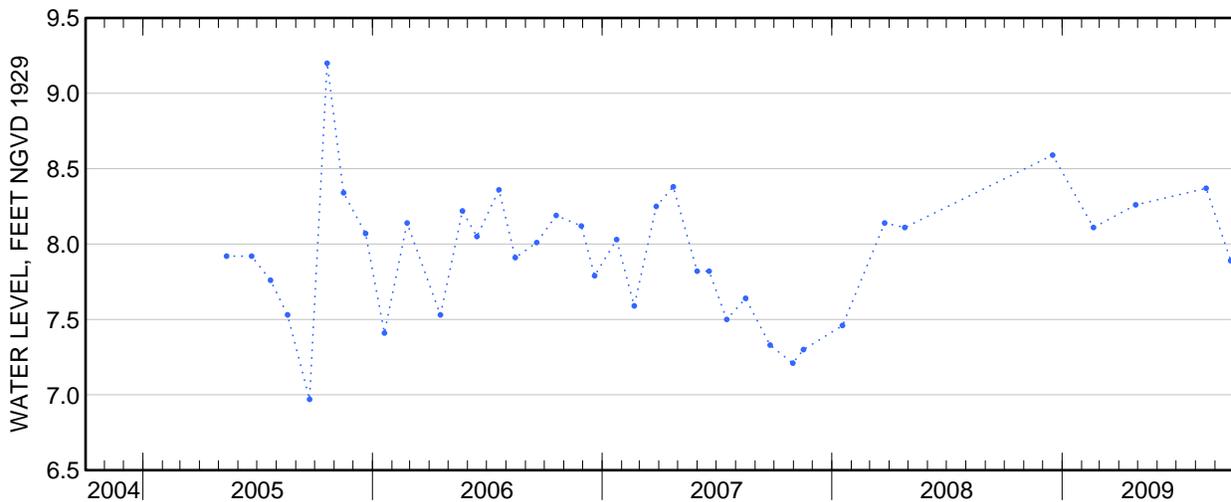
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.27 ft above sea level, April 28, 1983; lowest measured, 6.35 ft above sea level, July 7, 1974.

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

Date	Water level	Date	Water level
Dec 16	8.59	Aug 17	8.37
Feb 19	8.11	Sep 25	7.89
Apr 27	8.26		





Water-Data Report 2009

404632073070802 Local number S 67074. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°46'32", long 73°07'06" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 830 ft. Upper casing diameter 20 in; top of first opening 765 ft, bottom of last opening 825 ft.

DATUM.--Land-surface datum is 70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 0.08 ft above land-surface datum.

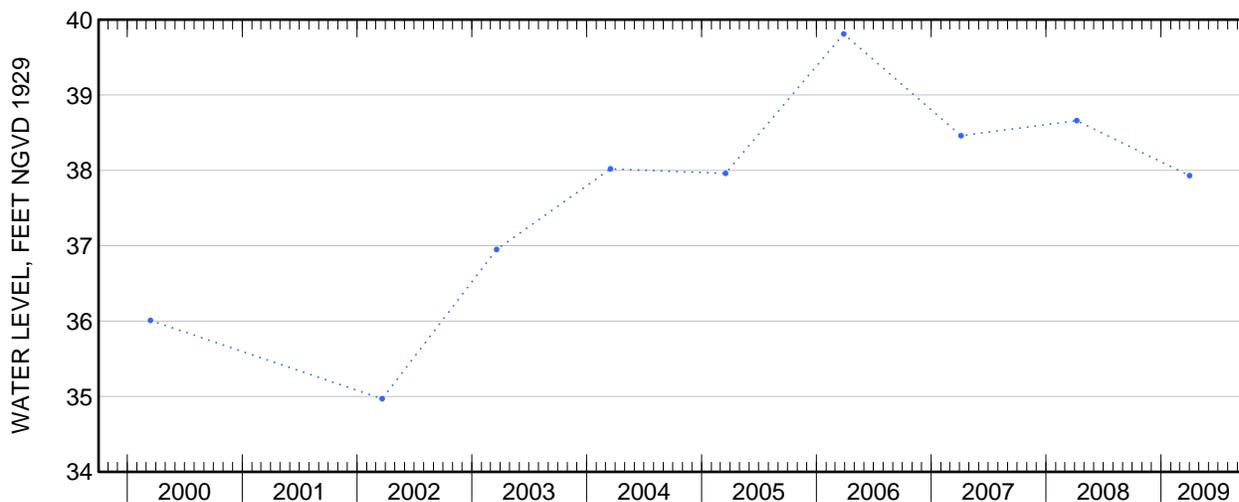
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.25 ft above sea level, March 28, 1991; lowest measured, 34.97 ft above sea level, March 21, 2002.

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

Date	Water level
Apr 1	37.93





Water-Data Report 2009

404640073050201 Local number S 36144. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°46'40.1", long 73°05'01.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Lincoln Avenue, south of Veterans Memorial Highway (State Route 454), Bohemia.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 53 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.84 ft above land-surface datum.

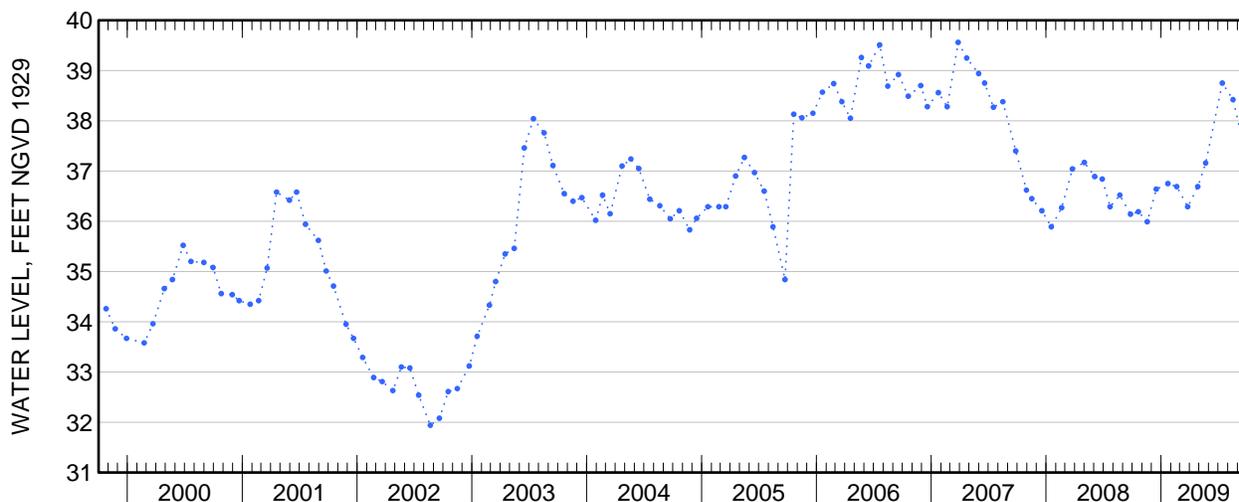
PERIOD OF RECORD.--October 1969 to current year. Unpublished records from October 1969 to September 1977 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.29 ft above sea level, June 25, 1998; lowest measured, 31.88 ft above sea level, December 15, 1981.

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

Date	Water level	Date	Water level
Oct 20	36.19	Apr 27	36.69
Nov 17	35.99	May 22	37.16
Dec 16	36.64	Jul 14	38.75
Jan 22	36.75	Aug 17	38.42
Feb 19	36.69	Sep 25	37.36
Mar 26	36.29		





Water-Data Report 2009

404642072520001 Local number S 54882. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°46'42.5", long 72°51'58.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at grassy divide between Margin Drive West and William Floyd Parkway, 156 ft south of Ranch Avenue, Shirley.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 ft. Upper casing diameter 2 in; top of first opening 30 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.43 ft below land-surface datum.

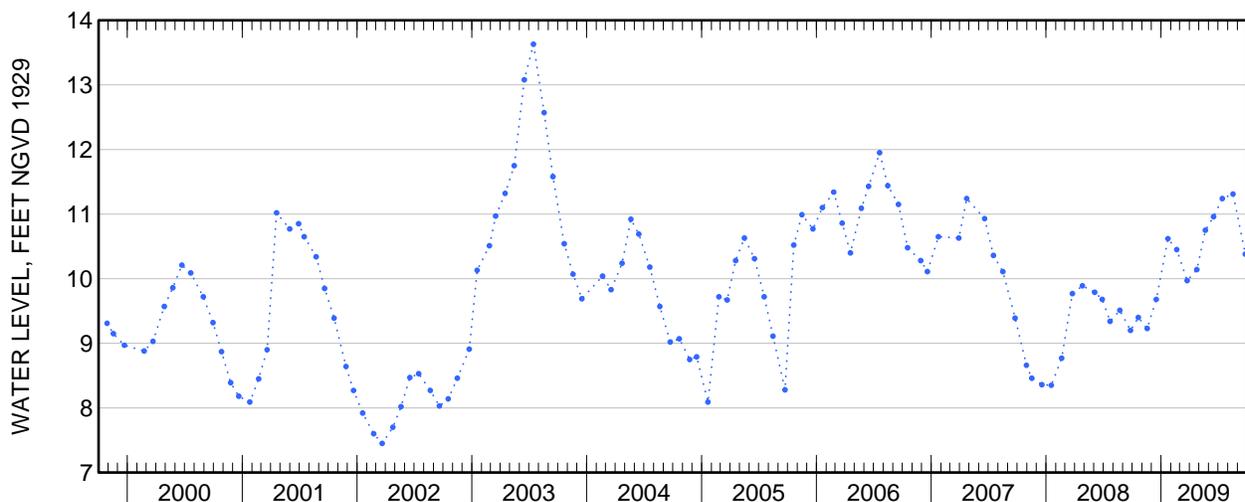
PERIOD OF RECORD.--July 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.80 ft above sea level, June 25, 1998; lowest measured, 6.48 ft above sea level, December 15, 1981.

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

Date	Water level	Date	Water level
Oct 20	9.40	Apr 24	10.14
Nov 17	9.23	May 21	10.75
Dec 16	9.68	Jun 16	10.96
Jan 22	10.62	Jul 14	11.24
Feb 19	10.45	Aug 17	11.31
Mar 24	9.97	Sep 25	10.38





Water-Data Report 2009

404652073120301 Local number S 67197. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°46'52", long 73°12'03" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 763 ft. Upper casing diameter 20 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 6.32 ft below land-surface datum.

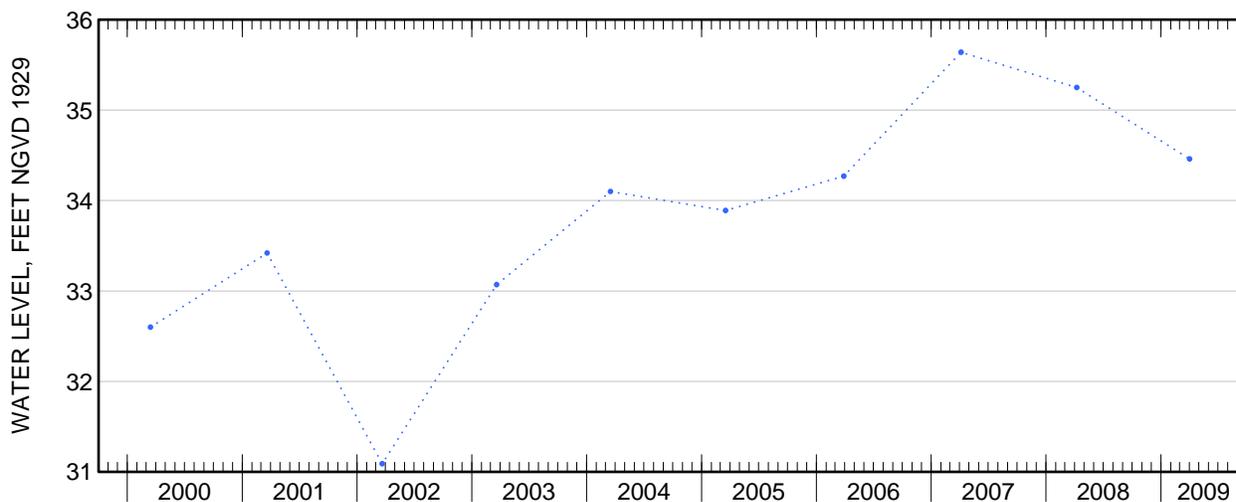
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.18 ft above sea level, April 24, 1984; lowest measured, 28.94 ft above sea level, April 6, 1988.

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

Date	Water level
Apr 1	34.46





Water-Data Report 2009

404659073141801 Local number S 1815.3

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°46'59.5", long 73°14'16.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Eastern Avenue, 36 ft north of Suffolk Avenue, Brentwood.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 54 ft. Upper casing diameter 2 in; top of first opening 50 ft, bottom of last opening 54 ft.

DATUM.--Land-surface datum is 72.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.17 ft below land-surface datum.

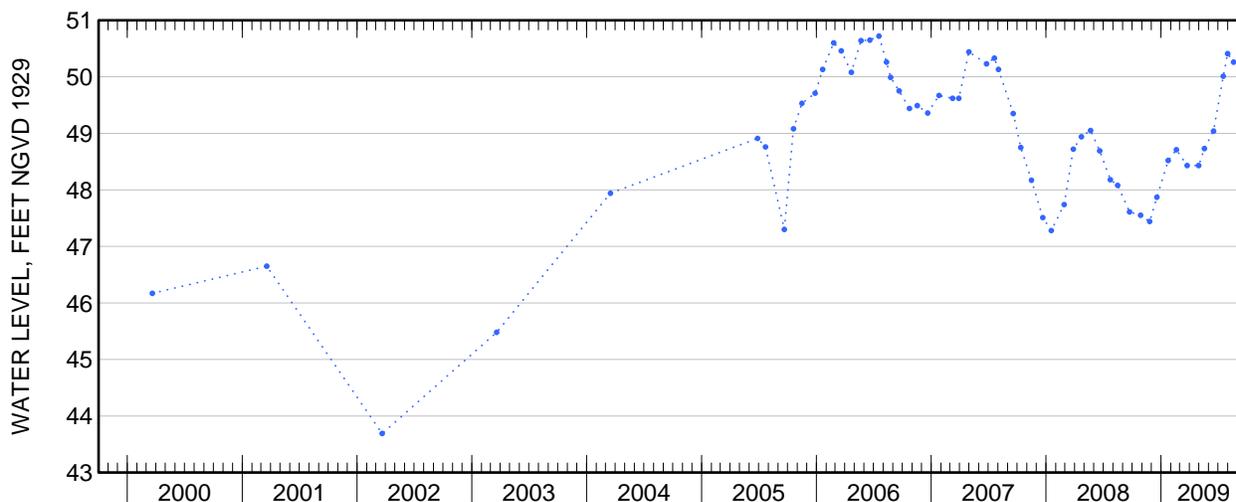
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.20 ft above sea level, March 21, 1991; lowest measured, 43.69 ft above sea level, March 21, 2002.

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

Date	Water level	Date	Water level
Oct 27	47.55	Apr 30	48.43
Nov 25	47.44	May 18	48.73
Dec 18	47.87	Jun 16	49.04
Jan 23	48.52	Jul 17	50.01
Feb 18	48.71	31	50.41
Mar 24	48.43	Aug 19	50.26



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, water, °C (00010)	Turbidity, water, unfiltered, broad band light source (400-680 nm), detection angle 90 +/- 30 degrees to incident light, NTU (63675)	Calcium, water, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)	Potassium, water, filtered, mg/L (00935)
07-31-2009	0815	22.09	8.2	5.2	177	13.8	1.4	8.90	3.29	2.29

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)	Ammonia, water, filtered, mg/L as N (00608)
07-31-2009	11.9	6.6	8.0	.04	18.2	< .08	10.5	23.5	< .020

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Nitrate plus nitrite, water, filtered, mg/L as N (00631)	Nitrite, water, filtered, mg/L as N (00613)	Orthophos- phate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, μg/L (01106)	Barium, water, filtered, μg/L (01005)	Beryllium, water, filtered, μg/L (01010)	Cadmium, water, filtered, μg/L (01025)	Chromium, water, filtered, μg/L (01030)
	07-31-2009	3.92	< .002	.009	3.85	16.0	49	.05	.33

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Cobalt, water, filtered, μg/L (01035)	Copper, water, filtered, μg/L (01040)	Iron, water, filtered, μg/L (01046)	Lead, water, filtered, μg/L (01049)	Lithium, water, filtered, μg/L (01130)	Manga- nese, water, filtered, μg/L (01056)	Molyb- denum, water, filtered, μg/L (01060)	Nickel, water, filtered, μg/L (01065)	Silver, water, filtered, μg/L (01075)	Strontium, water, filtered, μg/L (01080)
	07-31-2009	.11	< 1.0	9	E .04	< 1.0	26.9	.2	.92	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Thallium, water, filtered, μg/L (01057)	Vanadium, water, filtered, μg/L (01085)	Zinc, water, filtered, μg/L (01090)	Arsenic, water, filtered, μg/L (01000)	Boron, water, filtered, μg/L (01020)	Selenium, water, filtered, μg/L (01145)	1,2,3-Tri- chloro- propane, water, unfiltered, recover- able, μg/L (77443)	1,2- chloro- propane, water, unfiltered, recover- able, μg/L (82625)	1,2- Dibromo- ethane, water, unfiltered, recover- able, μg/L (77651)	1,2- Dichloro- ethane, water, unfiltered, recover- able, μg/L (32103)
	07-31-2009	< .04	< .16	E 1.4	E .04	24	E .05	< .12	< 1.0	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	1,2-Dichloro-propane, water, unfiltered, recoverable, μg/L (34541)	1,3-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77173)	1,4-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34571)	1-Naphthol, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49295)	2,4-D methyl ester, water, filtered, recoverable, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496)	2,4-D, water, filtered, recoverable, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38746)	2,6-Diethyl-aniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)	2-Chloro-2',6'-diethyl-acetanilide, water, filtered, recoverable, μg/L (61618)
07-31-2009	< .02	< .1	< .02	< .04	< .200	< .02	< .06	< .02	< .006	< .010

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	2-Chloro-4-isopropyl-amino-6-amino-s-triazine, water, filtered, recoverable, μg/L (04040)	2-Chloro-6-ethyl-amino-4-amino-s-triazine, water, filtered, recoverable, μg/L (04038)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)	2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, μg/L (50355)	3,4-Dichloro-aniline, water, filtered, recoverable, μg/L (61625)	3,5-Di-chloro-aniline, water, filtered, recoverable, μg/L (61627)	3-Chloro-propene, water, unfiltered, recoverable, μg/L (78109)	3-Hydroxy carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, μg/L (61633)	Acetochlor, water, filtered, recoverable, μg/L (49260)
07-31-2009	< .014	< .06	< .010	< .060	< .004	< .004	< .08	< .040	< .005	< .010

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49315)	Acrylo- nitrile, water, unfiltered, recover- able, μg/L (34215)	Alachlor, water, filtered, recover- able, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49312)	alpha- Endosulfan, water, filtered, recover- able, μg/L (34362)	Aminometh- ylphosphon- ic acid, water, filtered (0.7 micron glass fiber filter), recoverable , micrograms per liter (62649)	Atrazine, water, filtered, recover- able, μg/L (39632)	Azinphos- methyl oxygen analog, water, filtered, recover- able, μg/L (61635)
07-31-2009	<.040	< 0.4	<.008	<.08	<.060	<.12	<.006	<.02	<.007	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82686)	Bendio- carb, water, filtered, recover- able, μg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyf, water, filtered, recover- able, μg/L (50300)	Ben- sulfuron- methyl, water, filtered, recover- able, μg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38711)	Bromacil, water, filtered, recover- able, μg/L (04029)	Bromo- methane, water, unfiltered, recover- able, μg/L (34413)	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49310)
07-31-2009	<.120	<.04	<.014	<.060	<.06	<.06	<.06	<.4	<.12	<.04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor- amben methyl ester, water, filtered, recover- able, μg/L (61188)	Chlori- muron- ethyl, water, filtered, recover- able, μg/L (50306)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)	cis-1,3-Di- chloro- propene, water, unfiltered, recover- able, μg/L (34704)
07-31-2009	<.200	<.040	<.060	<.04	<.10	<.080	<.05	<.010	<.10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82687)	cis-Propiconazole, water, filtered, recoverable, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49305)	Cyanazine, water, filtered, recoverable, μg/L (04041)	Cycloate, water, filtered, recoverable, μg/L (04031)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	Cypermethrin, water, filtered, recoverable, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfinyl-fipronil amide, water, filtered, recoverable, μg/L (62169)
07-31-2009	< .014	< .006	< .06	< .040	< .04	< .016	< .020	< .04	< .006	< .029

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Desulfinyl-fipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38442)	Dichlorprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49302)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49301)	Di-phenamid, water, filtered, recoverable, μg/L (04033)
07-31-2009	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Disulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenamiphos sulfone, water, filtered, recoverable, μg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, μg/L (61646)
07-31-2009	< .01	< .04	< .04	< .022	< .002	< .02	< .012	< .016	< .053	< .08

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Fenamiphos, water, filtered, recoverable, μg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49297)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil sulfone, water, filtered, recoverable, μg/L (62168)	Fipronil, water, filtered, recoverable, μg/L (62166)	Flumetsulam, water, filtered, recoverable, μg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38811)	Fonofos, water, filtered, recoverable, μg/L (04095)	Glufosinate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62721)	Glyphosate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62722)
07-31-2009	< .03	< .06	< .013	< .024	< .040	< .06	< .04	< .010	< .02	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Hexazinone, water, filtered, recoverable, μg/L (04025)	Imazaquin, water, filtered, recoverable, μg/L (50356)	Imazethapyr, water, filtered, recoverable, μg/L (50407)	Imidacloprid, water, filtered, recoverable, μg/L (61695)	Iodometane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, μg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38478)	Malaoxon, water, filtered, recoverable, μg/L (61652)
07-31-2009	< .008	< .06	< .06	.339	< .80	< .014	< .006	< .010	< .04	< .080

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Malathion, water, filtered, recoverable, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38487)	Metalaxyl, water, filtered, recoverable, μg/L (50359)	Metalaxyl, water, filtered, recoverable, μg/L (61596)	Methidathion, water, filtered, recoverable, μg/L (61598)	Methiocarb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49296)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82667)
07-31-2009	< .020	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Metolachlor, water, filtered, recoverable, μg/L (39415)	Metribuzin, water, filtered, recoverable, μg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82671)	Myclobutanol, water, filtered, recoverable, μg/L (61599)	N-(4-Chlorophenyl)-N'-methyl-urea, water, filtered, recoverable, μg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49294)	Nicosulfuron, water, filtered, recoverable, μg/L (50364)	Norflurazon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38866)
07-31-2009	< .014	< .016	< .002	< .010	< .06	< .02	< .10	< .04	< .04	< .12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Oxyfluorfen, water, filtered, recoverable, μg/L (61600)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82683)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82664)	Phosmet, water, filtered, recoverable, μg/L (61668)	Phosmet, water, filtered, recoverable, μg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49291)	Prometon, water, filtered, recoverable, μg/L (04037)	Prometryn, water, filtered, recoverable, μg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82679)
07-31-2009	< .006	< .012	< .03	< .020	< .05	< .200	< .12	< .01	< .006	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49236)	Propiconazole, water, filtered, recoverable, μg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38538)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82676)	Siduron, water, filtered, recoverable, μg/L (38548)	Simazine, water, filtered, recoverable, μg/L (04035)	Sulfometuron-methyl, water, filtered, recoverable, μg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82670)	Tefluthrin, water, filtered, recoverable, μg/L (61606)
07-31-2009	< .02	< .040	< .04	< .060	< .004	< .04	< .010	< .060	< .02	< .010

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Terbacil, water, filtered, recoverable, μg/L (04032)	Terbufos oxygen sulfone, water, filtered, recoverable, μg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82675)	Terbutyl-azine, water, filtered, recoverable, μg/L (04022)	Thioben-carb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82681)	trans-1,3-Dichloro-propene, water, unfiltered, recoverable, μg/L (34699)	trans-Propicon-azole, water, filtered, recoverable, μg/L (79847)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49235)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)
07-31-2009	< .040	< .04	< .02	< .01	< .016	< .10	< .02	< .035	< .08	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	1,1,1,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (77562)	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)
07-31-2009	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)
07-31-2009	< .1	< .1	< 0.04	< .04	< .02	< .04	< .02	< .06	< .02	< .02

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	4-Chloro- toluene, water, unfiltered, recover- able, µg/L (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, µg/L (77356)	Acetone, water, unfiltered, recover- able, µg/L (81552)	Benzene, water, unfiltered, recover- able, µg/L (34030)	Bromo- benzene, water, unfiltered, recover- able, µg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, µg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, µg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, µg/L (50002)	Caffeine, water, filtered, recover- able, µg/L (50305)	Chloro- benzene, water, unfiltered, recover- able, µg/L (34301)
07-31-2009	< .02	< .06	< 4	< .02	< .02	< .06	< .04	< .1	< .080	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Chloro- ethane, water, unfiltered, recover- able, µg/L (34311)	Chloro- methane, water, unfiltered, recover- able, µg/L (34418)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (77093)	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)	Diisopropyl ether, water, unfiltered, recover- able, µg/L (81577)	Ethyl metha- crylate, water, unfiltered, recover- able, µg/L (73570)
07-31-2009	< .1	< .1	< .02	< .1	< .04	< .10	< 0.04	< .1	< .06	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Ethyl methyl ketone, water, unfiltered, recover- able, µg/L (81595)	Ethyl- benzene, water, unfiltered, recover- able, µg/L (34371)	Hexa- chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	Hexa- chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Isopropyl- benzene, water, unfiltered, recover- able, µg/L (77223)	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)
07-31-2009	< 1.6	< .04	< .1	< .1	< .4	< .04	< .6	< .2	< .2	E .06

404659073141801 Local number S 1815. 3—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 26 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, μg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, μg/L (77342)	n-Propyl- benzene, water, unfiltered, recover- able, μg/L (77224)	o-Xylene, water, unfiltered, recover- able, μg/L (77135)	sec-Butyl- benzene, water, unfiltered, recover- able, μg/L (77350)	Styrene, water, unfiltered, recover- able, μg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recover- able, μg/L (50004)
07-31-2009	< .06	< .08	< .2	< .6	< .1	< .04	< .04	< .02	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 27 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	tert-Butyl- benzene, water, unfiltered, recover- able, μg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, μg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)	Toluene, water, unfiltered, recover- able, μg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)
07-31-2009	< .06	< .04	< .06	< 1	< .02	< .02	< .4	< .10	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 28 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)	Uranium (natural), water, filtered, μg/L (22703)
07-31-2009	E .07	< .1	.01



Water-Data Report 2009

404659073202001 Local number S 64313. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°46'59.0", long 73°20'19.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Deer Park Avenue, on island between Straight Path Road and Seamans Neck Road, East Half Hollow Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 89.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.29 ft above land-surface datum.

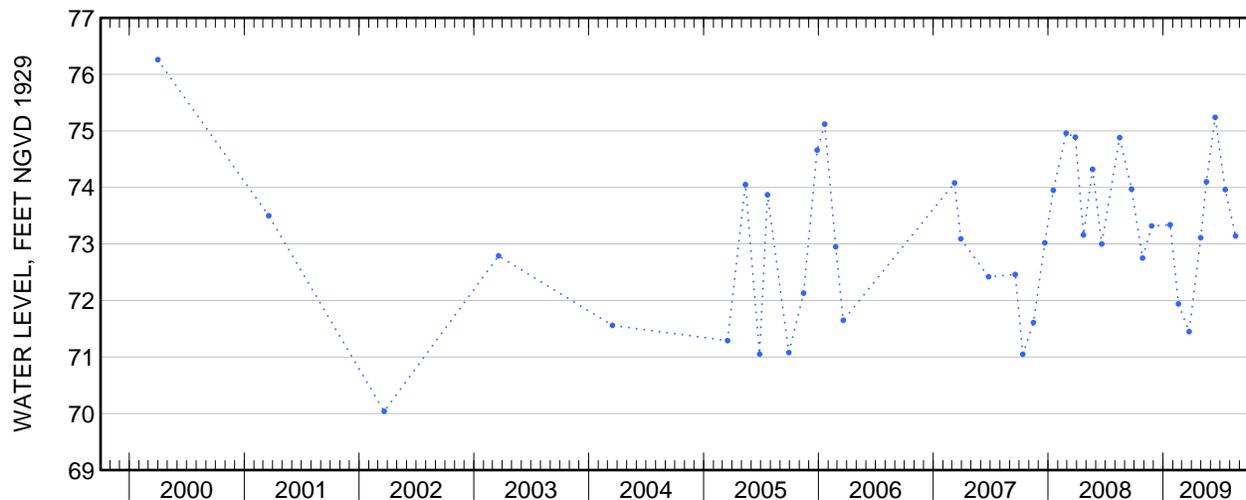
PERIOD OF RECORD.--March 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.26 ft above sea level, March 31, 2000; lowest measured, 68.83 ft above sea level, September 17, 1982.

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

Date	Water level	Date	Water level
Oct 27	72.75	Apr 30	73.11
Nov 25	73.32	May 18	74.10
Jan 23	73.34	Jun 15	75.24
Feb 18	71.94	Jul 17	73.96
Mar 24	71.45	Aug 19	73.14





Water-Data Report 2009

404713072575701 Local number S 65603. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°47'18.1", long 72°57'48.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Patchogue-Yaphank Road and North Sunrise Highway Service Road, Bellport.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.31 ft below land-surface datum.

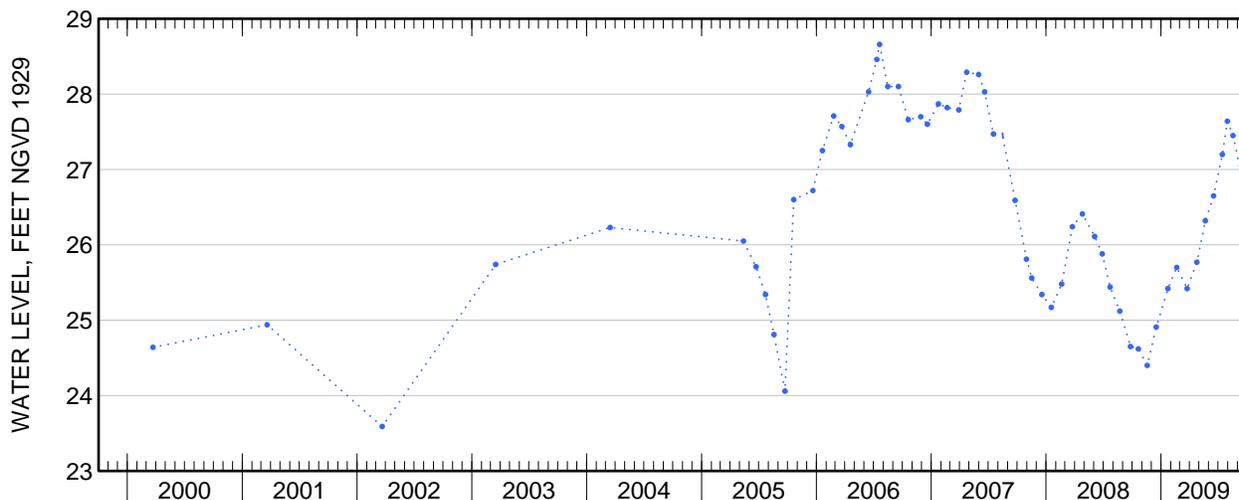
PERIOD OF RECORD.--October 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.63 ft above sea level, April 2, 1979; lowest measured, 23.00 ft above sea level, November 10, 1981.

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

Date	Water level	Date	Water level
Oct 20	24.62	May 21	26.32
Nov 17	24.40	Jun 16	26.65
Dec 16	24.91	Jul 14	27.20
Jan 22	25.42	30	27.64
Feb 19	25.70	Aug 17	27.45
Mar 24	25.42	Sep 25	26.68
Apr 24	25.77		



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, 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 conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, 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, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
07-30-2009	0840	26.36	8.7	5.4	171	14.0	.3	137	11.6	3.10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	ANC, water, unfiltered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (00419)	Bicarbonate, water, unfiltered, inflection-point, incremental titration method, field, mg/L (00450)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
07-30-2009	3.72	18.1	11.1	13.6	.04	30.3	< .08	11.4	13.7

404713072575701 Local number S 65603. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	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)	Orthophos- phate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, μg/L (01106)	Barium, water, filtered, μg/L (01005)	Beryllium, water, filtered, μg/L (01010)	Cadmium, water, filtered, μg/L (01025)
07-30-2009	< .020	5.67	< .002	.008	5.98	4.4	72	E .01	.06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Chromium, water, filtered, μg/L (01030)	Cobalt, water, filtered, μg/L (01035)	Copper, water, filtered, μg/L (01040)	Iron, water, filtered, μg/L (01046)	Lead, water, filtered, μg/L (01049)	Lithium, water, filtered, μg/L (01130)	Manga- nese, water, filtered, μg/L (01056)	Molyb- denum, water, filtered, μg/L (01060)	Nickel, water, filtered, μg/L (01065)	Silver, water, filtered, μg/L (01075)
07-30-2009	.32	.12	< 1.0	6	E .03	< 1.0	30.3	.1	.41	< .01

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Strontium, water, filtered, μg/L (01080)	Thallium, water, filtered, μg/L (01057)	Vanadium, water, filtered, μg/L (01085)	Zinc, water, filtered, μg/L (01090)	Arsenic, water, filtered, μg/L (01000)	Boron, water, filtered, μg/L (01020)	Selenium, water, filtered, μg/L (01145)	1,2,3-Tri- chloro- propane, water, unfiltered, recover- able, μg/L (77443)	1,2- Dibromo-3- chloro- propane, water, unfiltered, recover- able, μg/L (82625)	1,2- Dibromo- ethane, water, unfiltered, recover- able, μg/L (77651)
07-30-2009	118	.04	.16	< 2.0	E .05	18	.06	< .12	< 1.0	< .04

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	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-D methyl ester, water, filtered, recoverable, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496)	2,4-D, water, filtered, recoverable, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38746)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)
07-30-2009	< .1	< .02	< .1	< .02	M	< .200	< .02	< .06	< .02	< .006

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Chloro-2',6'-diethylacetanilide, water, filtered, recoverable, μg/L (61618)	2-Chloro-4-isopropylamino-6-triazine, water, filtered, recoverable, μg/L (04040)	2-Chloro-6-ethylamino-4-triazine, water, filtered, recoverable, μg/L (04038)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)	2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, μg/L (50355)	3,4-Dichloro-aniline, water, filtered, recoverable, μg/L (61625)	3,5-Dichloro-aniline, water, filtered, recoverable, μg/L (61627)	3-Chloro-propene, water, unfiltered, recoverable, μg/L (78109)	3-Hydroxy carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, μg/L (61633)
07-30-2009	< .010	< .014	< .06	< .010	< .060	< .004	< .004	< .08	< .040	< .005

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WATER-QUALITY DATA
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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Acetochlor, water, filtered, recover- able, μg/L (49260)	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49315)	Acrylo- nitrile, water, unfiltered, recover- able, μg/L (34215)	Alachlor, water, filtered, recover- able, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49312)	alpha- Endosulfan, water, filtered, recover- able, μg/L (34362)	Aminometh- ylphosphon- ic acid, water, filtered (0.7 micron glass fiber filter), recoverable , micrograms per liter (62649)	Atrazine, water, filtered, recover- able, μg/L (39632)
07-30-2009	< .010	< .040	< 0.4	< .008	< .08	< .060	< .12	< .006	< .02	< .007

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Azinphos- methyl oxygen analog, water, filtered, recover- able, μg/L (61635)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82686)	Bendio- carb, water, filtered, recover- able, μg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyl, water, filtered, recover- able, μg/L (50300)	Ben- sulfuron- methyl, water, filtered, recover- able, μg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38711)	Bromacil, water, filtered, recover- able, μg/L (04029)	Bromo- methane, water, unfiltered, recover- able, μg/L (34413)	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49311)
07-30-2009	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06	< .4	< .12

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor- amben methyl ester, water, filtered, recover- able, μg/L (61188)	Chlori- muron- ethyl, water, filtered, recover- able, μg/L (50306)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)
07-30-2009	< .04	< .200	< .040	< .060	< .04	< .10	< .080	< .05	< .010

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	cis-1,3-Di- chloro- propene, water, unfiltered, recover- able, μg/L (34704)	cis- Permethrin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82687)	cis- Propicon- azole, water, filtered, recover- able, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49305)	Cyanazine, water, filtered, recover- able, μg/L (04041)	Cycloate, water, filtered, recover- able, μg/L (04031)	Cyfluthrin, water, filtered, recover- able, μg/L (61585)	Cyper- methrin, water, filtered, recover- able, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82682)
07-30-2009	< .10	< .014	< .006	< .06	< .040	< .04	< .016	< .020	< .04	< .006

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Desulfinyl- fipronil amide, water, filtered, recover- able, μg/L (62169)	Desulfinyl- fipronil, water, filtered, recover- able, μg/L (62170)	Diazinon, water, filtered, recover- able, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38442)	Dichlor- prop, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49302)	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49301)
07-30-2009	< .029	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Di-phenamid, water, filtered, recoverable, µg/L (04033)	Disulfoton sulfone, water, filtered, recoverable, µg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, µg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82668)	Ethion monoxon, water, filtered, recoverable, µg/L (61644)	Ethion, water, filtered, recoverable, µg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82672)	Fenami-phos sulfone, water, filtered, recoverable, µg/L (61645)
07-30-2009	< .04	< .01	< .04	< .04	< .022	< .002	< .02	< .012	< .016	< .053

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Fenami-phos sulfoxide, water, filtered, recoverable, µg/L (61646)	Fenami-phos, water, filtered, recoverable, µg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49297)	Fipronil sulfide, water, filtered, recoverable, µg/L (62167)	Fipronil sulfone, water, filtered, recoverable, µg/L (62168)	Fipronil, water, filtered, recoverable, µg/L (62166)	Flumetsulam, water, filtered, recoverable, µg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38811)	Fonofos, water, filtered, recoverable, µg/L (04095)	Glufosinate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62721)
07-30-2009	< .08	< .03	< .06	< .013	< .024	< .040	< .06	< .04	< .010	< .02

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Glyphosate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62722)	Hexazinone, water, filtered, recoverable, µg/L (04025)	Imazaquin, water, filtered, recoverable, µg/L (50356)	Imazethapyr, water, filtered, recoverable, µg/L (50407)	Imidacloprid, water, filtered, recoverable, µg/L (61695)	Iodomethane, water, unfiltered, recoverable, µg/L (77424)	Iprodione, water, filtered, recoverable, µg/L (61593)	Isofenphos, water, filtered, recoverable, µg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, µg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38478)
07-30-2009	< .02	< .008	< .06	< .06	< .060	< .80	< .014	< .006	< .010	< .04

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38487)	Metalaxyl, water, filtered, recover- able, μg/L (50359)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49296)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)
07-30-2009	< .080	< .020	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82671)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	N-(4- Chloro- phenyl)-N'- methyl- urea, water, filtered, recover- able, μg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49294)	Nico- sulfuron, water, filtered, recover- able, μg/L (50364)	Nor- flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49292)
07-30-2009	< .008	< .014	< .016	< .002	< .010	< .06	< .02	< .10	< .04	< .04

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38866)	Oxy- fluorfen, water, filtered, recover- able, μg/L (61600)	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Phorate oxygen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxygen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49291)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)
07-30-2009	< .12	< .006	< .012	< .03	< .020	< .05	< .200	< .12	< .01	< .006

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Propanil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49236)	Propicon- azole, water, filtered, recover- able, μg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38538)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Siduron, water, filtered, recover- able, μg/L (38548)	Simazine, water, filtered, recover- able, μg/L (04035)	Sulfo- meturon- methyl, water, filtered, recover- able, μg/L (50337)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)
07-30-2009	< .014	< .02	< .040	< .04	< .060	< .004	< .04	< .010	< .060	< .02

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Tefluthrin, water, filtered, recover- able, μg/L (61606)	Terbacil, water, filtered, recover- able, μg/L (04032)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82681)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	trans- Propicon- azole, water, filtered, recover- able, μg/L (79847)	Tribuphos, water, filtered, recover- able, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49235)
07-30-2009	< .010	< .040	< .04	< .02	< .01	< .016	< .10	< .02	< .035	< .08

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[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)
07-30-2009	< .012	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1

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Part 22 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, μg/L (77170)	2-Chloro- toluene, water, unfiltered, recover- able, μg/L (77275)
07-30-2009	< .1	< .1	< .1	< 0.04	< .04	< .02	< .04	< .02	< .06	< .02

404713072575701 Local number S 65603. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Caffeine, water, filtered, recoverable, μg/L (50305)
07-30-2009	< .02	< .02	< .06	< 4	< .02	< .02	< .06	< .04	< .1	< .080

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)
07-30-2009	< .02	< .1	< .1	< .02	< .1	< .04	< .10	< 0.04	< .1	< .06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Ethyl methacrylate, water, unfiltered, recoverable, μg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylonitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl methacrylate, water, unfiltered, recoverable, μg/L (81597)
07-30-2009	< .1	< 1.6	< .04	< .1	< .1	< .4	< .04	< .6	< .2	< .2

404713072575701 Local number S 65603. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 26 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Methyl tert-butyl ether, water, unfiltered, recover- able, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, μg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, μg/L (77342)	n-Propyl- benzene, water, unfiltered, recover- able, μg/L (77224)	o-Xylene, water, unfiltered, recover- able, μg/L (77135)	sec-Butyl- benzene, water, unfiltered, recover- able, μg/L (77350)	Styrene, water, unfiltered, recover- able, μg/L (77128)
07-30-2009	.57	< .06	< .08	< .2	< .6	< .1	< .04	< .04	< .02	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 27 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	tert-Butyl ethyl ether, water, unfiltered, recover- able, μg/L (50004)	tert-Butyl- benzene, water, unfiltered, recover- able, μg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, μg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)	Toluene, water, unfiltered, recover- able, μg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)
07-30-2009	< .04	< .06	E .03	< .06	< 1	< .02	< .02	< .4	< .10	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 28 of 28

[ANC, acid neutralizing capacity; CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated; M, presence verified but not quantified]

Date	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)	Uranium (natural), water, filtered, μg/L (22703)
07-30-2009	< .08	.32	< .1	< .01



Water-Data Report 2009

404737073112303 Local number S 1814. 3

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°47'36.7", long 73°11'21.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at northwest corner of Suffolk Avenue and Dovecott Lane, Central Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 54 ft. Upper casing diameter 2 in; top of first opening 51 ft, bottom of last opening 54 ft.

DATUM.--Land-surface datum is 63.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

PERIOD OF RECORD.--September 1982 to current year. Unpublished records for November 1939 to September 1975, for wells S1814.1 and S1814.2 are available in files of the U.S. Geological Survey.

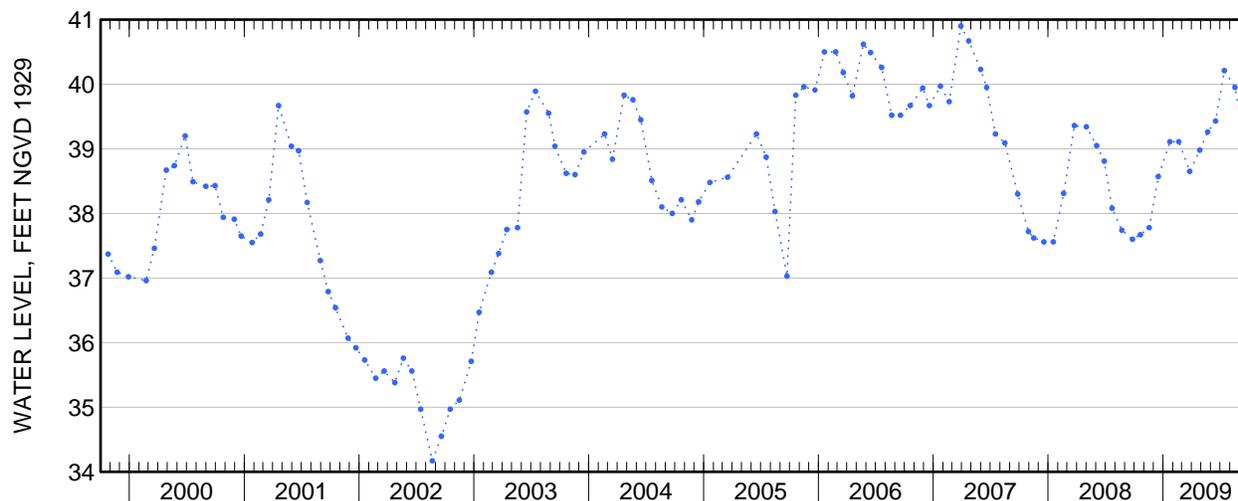
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1814.2 in May 1982 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.35 ft above sea level, June 25, 1998; lowest measured, 34.17 ft above sea level, August 21, 2002.

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

Date	Water level	Date	Water level
Oct 20	37.67	Apr 27	38.98
Nov 17	37.78	May 22	39.26
Dec 16	38.57	Jun 16	39.43
Jan 22	39.11	Jul 14	40.21
Feb 19	39.11	Aug 17	39.95
Mar 26	38.65	Sep 25	38.88





Water-Data Report 2009

404740073175301 Local number S120292. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°47'40.7", long 73°17'51.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 70 ft. Upper casing diameter 2 in; top of first opening 60 ft, bottom of last opening 65 ft.

DATUM.--Land-surface datum is 107 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.59 ft below land-surface datum.

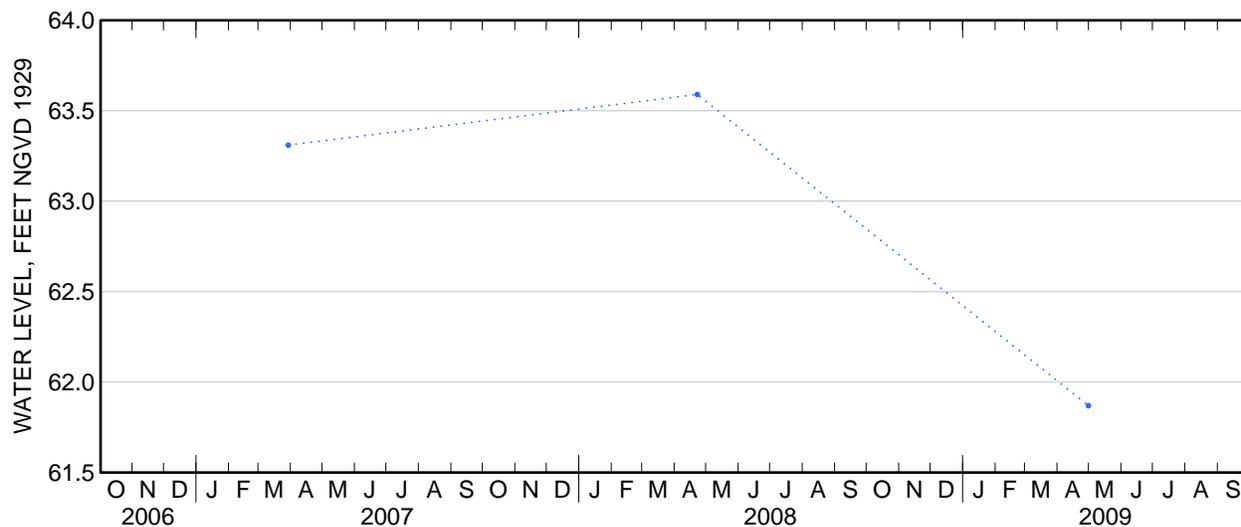
PERIOD OF RECORD.--March 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.59 ft above sea level, April 22, 2008; lowest measured, 61.87 ft above sea level, April 30, 2009.

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

Date	Water level
Apr 30	61.87





Water-Data Report 2009

404746073221901 Local number S 64316. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°47'47.5", long 73°22'12.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 63 ft. Upper casing diameter 2 in; top of first opening 58 ft, bottom of last opening 63 ft.

DATUM.--Land-surface datum is 160.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.19 ft below land-surface datum.

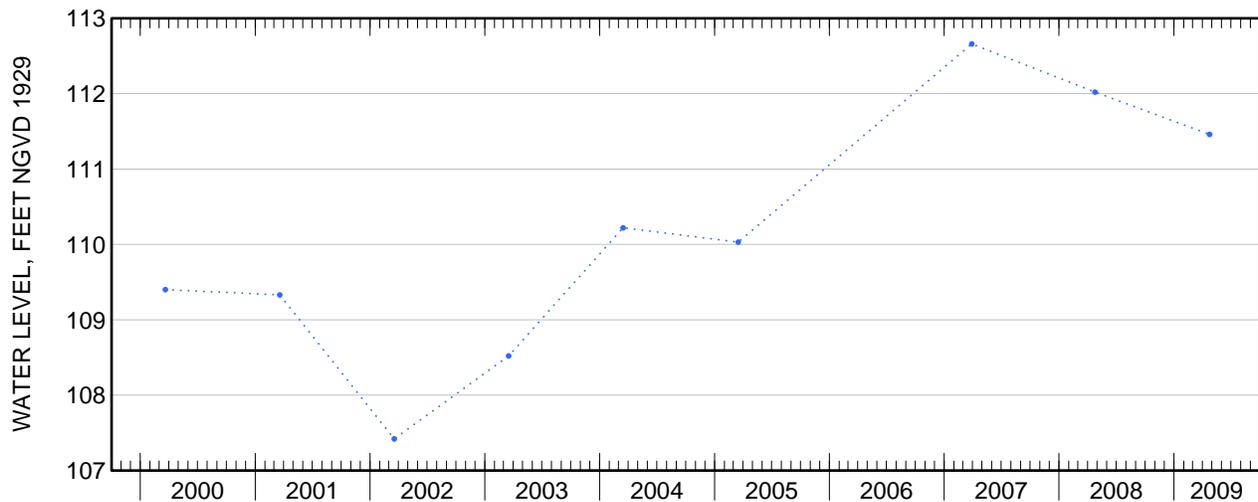
PERIOD OF RECORD.--March 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 114.89 ft above sea level, March 22, 1979; lowest measured, 106.62 ft above sea level, March 18, 1996.

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

Date	Water level
Apr 23	111.46





Water-Data Report 2009

404750073225302 Local number S 74284. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°47'49.7", long 73°22'52.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 707 ft. Upper casing diameter 4 in; top of first opening 699 ft, bottom of last opening 704 ft.

DATUM.--Land-surface datum is 154 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.60 ft above land-surface datum.

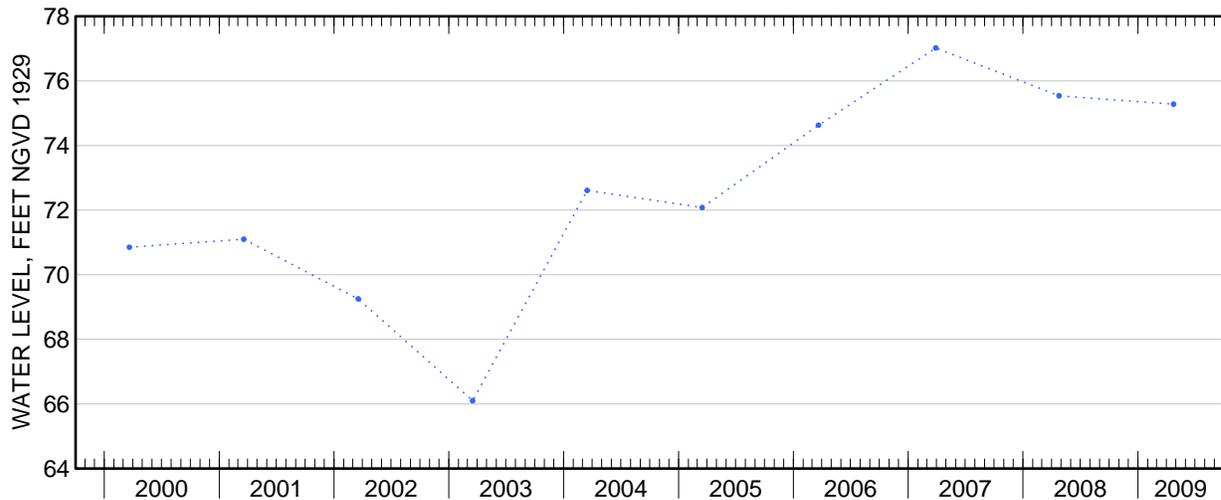
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.29 ft above sea level, December 17, 1984; lowest measured, 65.85 ft above sea level, January 18, 1996.

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

Date	Water level
Apr 23	75.28





Water-Data Report 2009

404750073225303 Local number S 74285. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°47'49.9", long 73°22'52.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 448 ft. Upper casing diameter 4 in; top of first opening 440 ft, bottom of last opening 445 ft.

DATUM.--Land-surface datum is 154.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.46 ft above land-surface datum.

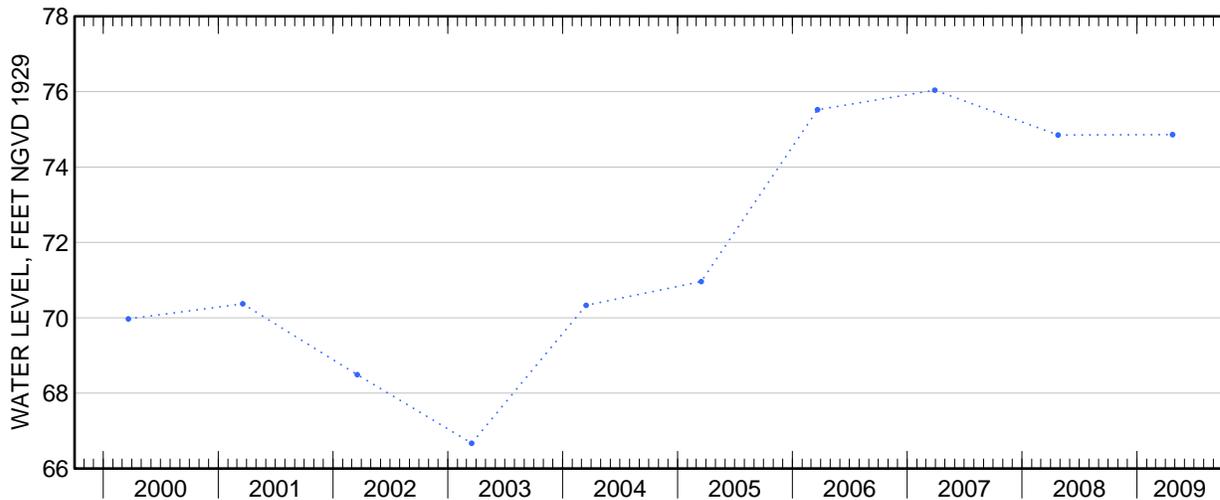
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.47 ft above sea level, December 17, 1984; lowest measured, 65.65 ft above sea level, January 18, 1996.

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

Date	Water level
Apr 23	74.86





Water-Data Report 2009

404750073225304 Local number S 74286. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°47'50.0", long 73°22'52.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 115 ft. Upper casing diameter 4 in; top of first opening 107 ft, bottom of last opening 112 ft.

DATUM.--Land-surface datum is 154.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.26 ft above land-surface datum.

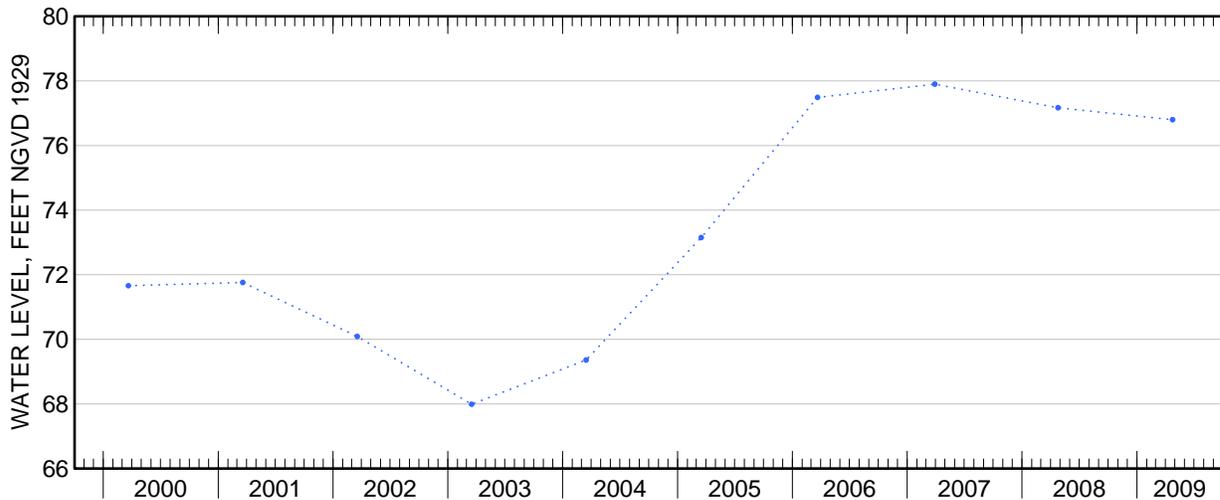
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 80.78 ft above sea level, December 17, 1984; lowest measured, 67.51 ft above sea level, March 18, 1996.

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

Date	Water level
Apr 23	76.80





Water-Data Report 2009

404759073251703 Local number S 95965. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°48'00.8", long 73°25'14.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 619 ft. Upper casing diameter 4 in; top of first opening 605 ft, bottom of last opening 615 ft.

DATUM.--Land-surface datum is 175 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 5.20 ft below land-surface datum.

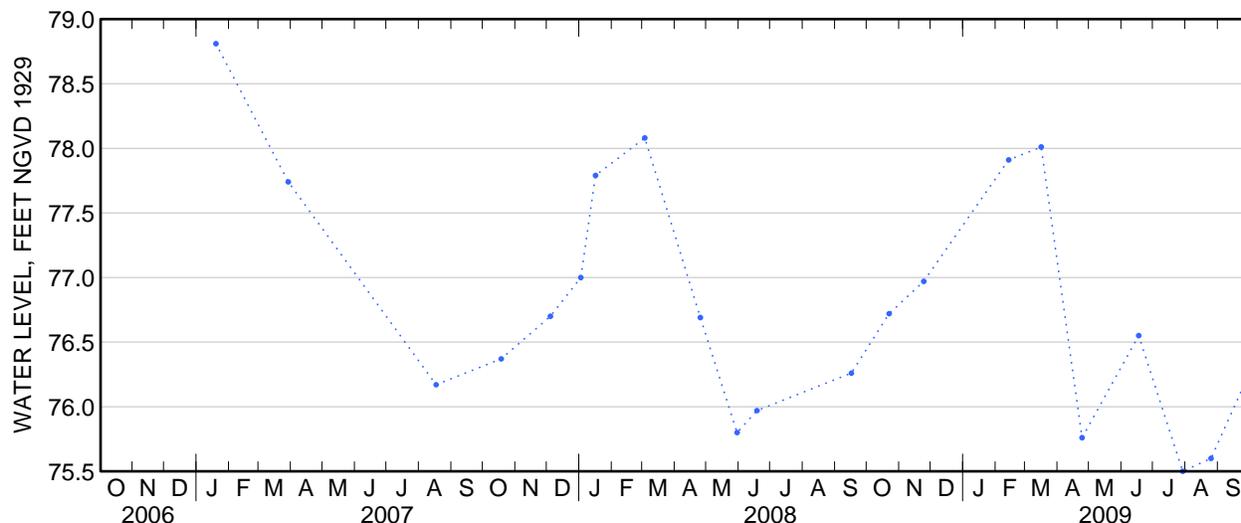
PERIOD OF RECORD.--January 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.81 ft above sea level, January 19, 2007; lowest measured, 75.50 ft above sea level, July 29, 2009.

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

Date	Water level	Date	Water level
Oct 22	76.72	Jun 17	76.55
Nov 24	76.97	Jul 29	75.50
Feb 13	77.91	Aug 25	75.60
Mar 16	78.01	Sep 30	76.25
Apr 24	75.76		





Water-Data Report 2009

404804072484101 Local number S 46713. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'04", long 72°48'41" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 444 ft. Upper casing diameter 20 in; top of first opening 385 ft, bottom of last opening 440 ft.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 2.59 ft below land-surface datum.

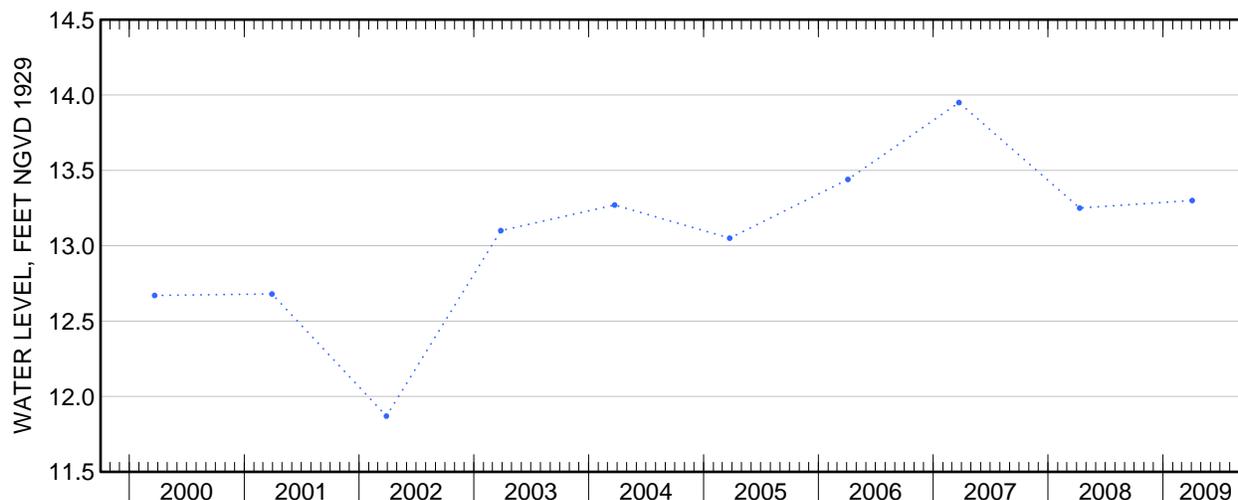
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.13 ft above sea level, March 27, 1979; lowest measured, 11.41 ft above sea level, April 12, 1996.

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

Date	Water level
Apr 3	13.30





Water-Data Report 2009

404804073051300 Local number S 47453. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'05.2", long 73°05'14.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 443 ft. Upper casing diameter 20 in; top of first opening 380 ft, bottom of last opening 440 ft.

DATUM.--Land-surface datum is 100 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 6.42 ft below land-surface datum.

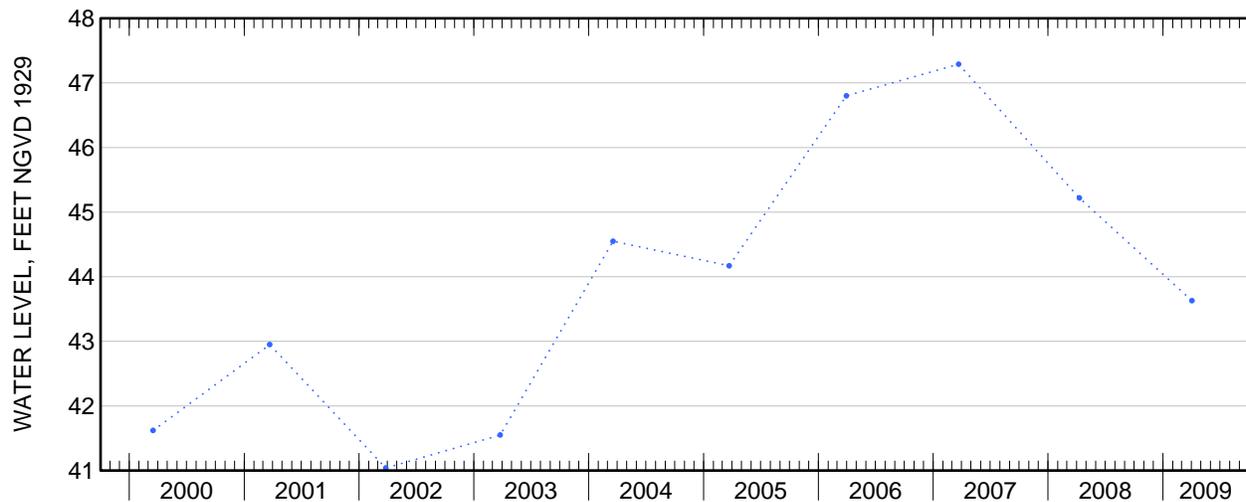
PERIOD OF RECORD.--March 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.50 ft above sea level, April 4, 1991; lowest measured, 40.07 ft above sea level, March 20, 1989.

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

Date	Water level
Apr 2	43.63





Water-Data Report 2009

404804073204401 Local number S 45638. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'04", long 73°20'44" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 725 ft. Upper casing diameter 20 in; top of first opening 658 ft, bottom of last opening 720 ft.

DATUM.--Land-surface datum is 163.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1-in hole in southwest side of pump base, 0.74 ft above land-surface datum.

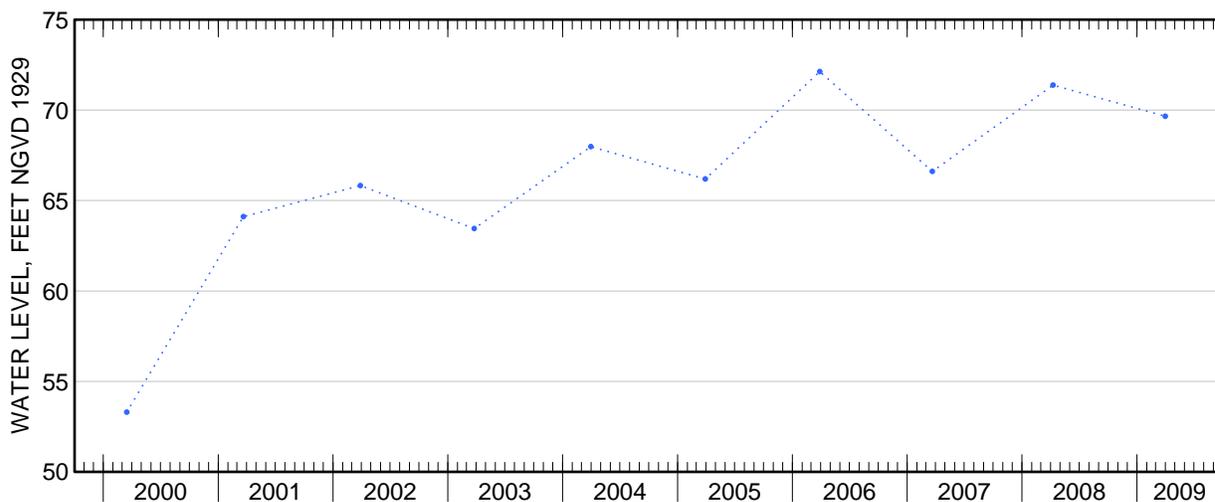
PERIOD OF RECORD.--March 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.17 ft above sea level, April 10, 1985; lowest measured, 53.30 ft above sea level, March 15, 2000.

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

Date	Water level
Mar 31	69.66





Water-Data Report 2009

404806072553802 Local number S 3529. 2

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°48'02.1", long 72°55'35.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at entrance to Brookhaven Landfill, south of Horseblock Road, South Yapank.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 41 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.11 ft above land-surface datum.

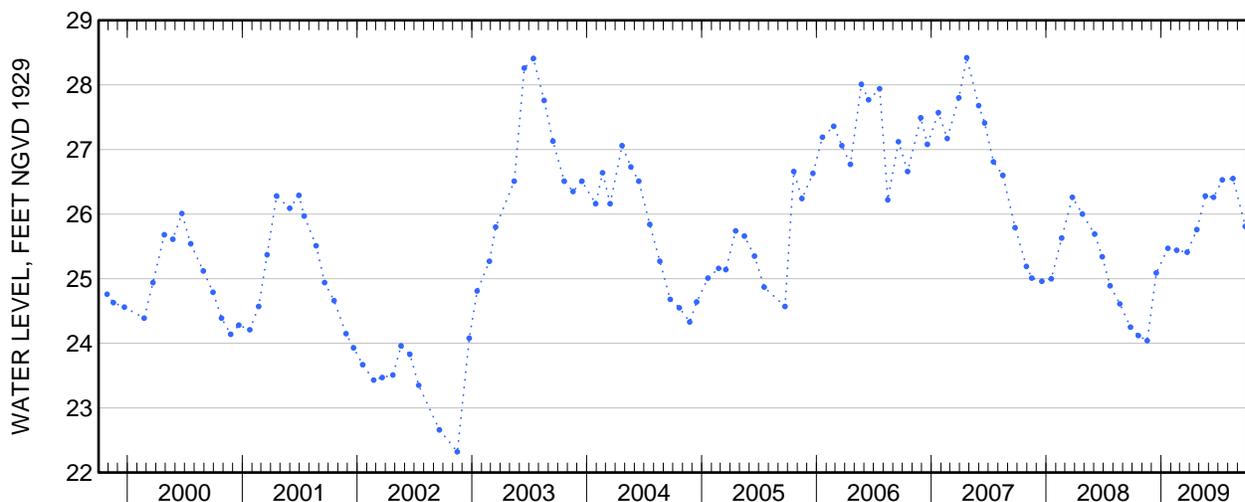
PERIOD OF RECORD.--December 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.79 ft above sea level, June 25, 1998; lowest measured, 22.32 ft above sea level, November 15, 2002.

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

Date	Water level	Date	Water level
Oct 20	24.12	Apr 24	25.76
Nov 17	24.04	May 21	26.28
Dec 16	25.09	Jun 16	26.26
Jan 22	25.47	Jul 14	26.53
Feb 19	25.44	Aug 17	26.55
Mar 24	25.41	Sep 25	25.81





Water-Data Report 2009

404807072590801 Local number S 71785. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°48'07", long 72°59'08" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 357 ft. Upper casing diameter 20 in; top of first opening 294 ft, bottom of last opening 355 ft.

DATUM.--Land-surface datum is 71.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in pump base, 5.99 ft below land-surface datum.

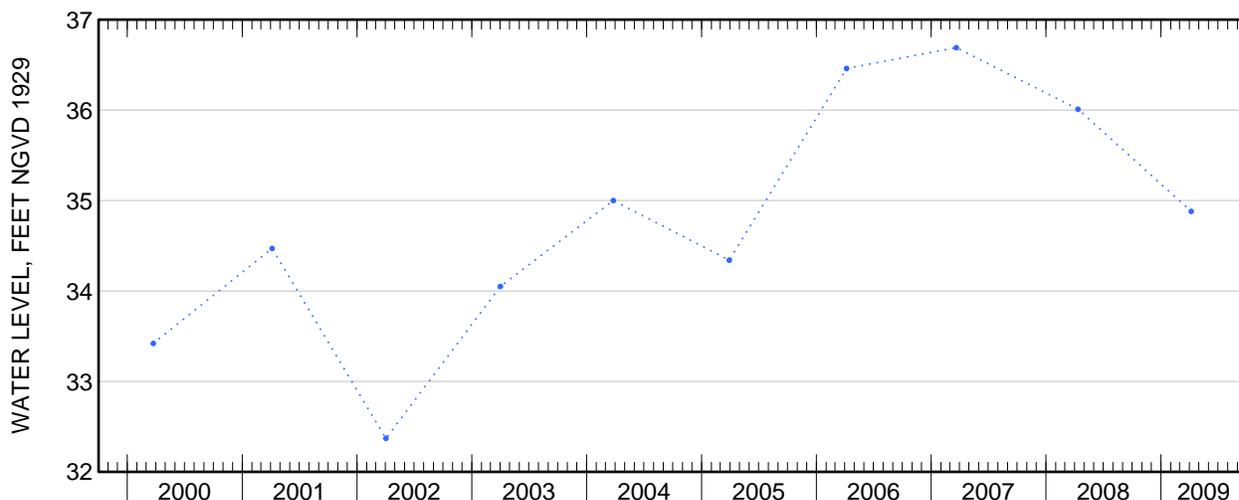
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.02 ft above sea level, April 14, 1984; lowest measured, 32.37 ft above sea level, April 2, 2002.

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

Date	Water level
Apr 6	34.88





Water-Data Report 2009

404812073004101 Local number S 3521. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°48'12.1", long 73°00'38.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Old Medford Avenue, 237 ft north of Cedar Avenue, Medford.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 71.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.77 ft above land-surface datum.

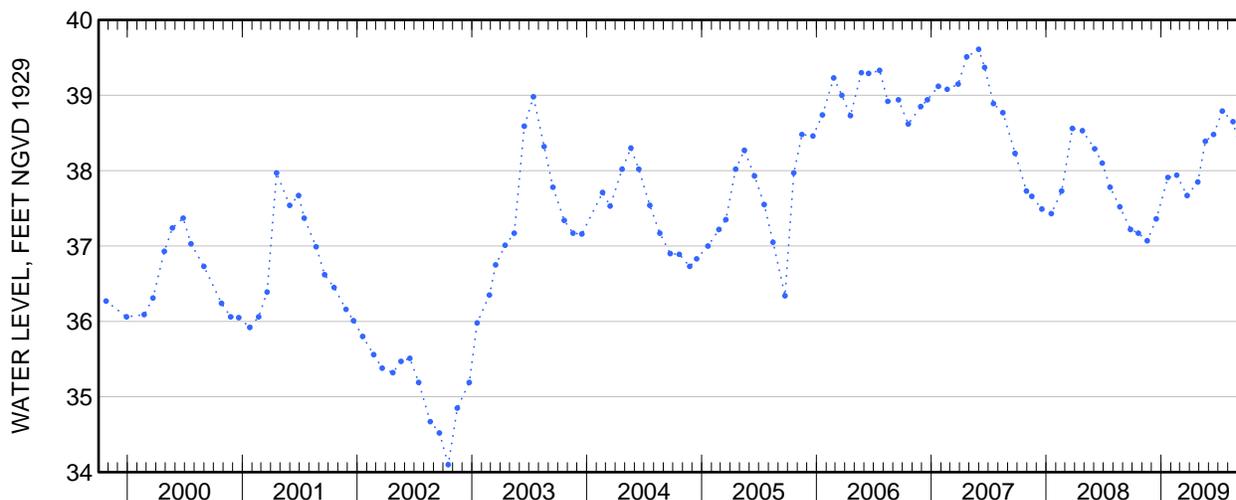
PERIOD OF RECORD.--January 1907 to current year. Unpublished records from January 1907 to July 1909 and April 1942 to September 1975 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.75 ft above sea level, March 27, 1979; lowest measured, 34.10 ft above sea level, October 17, 2002.

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

Date	Water level	Date	Water level
Oct 20	37.17	Apr 27	37.85
Nov 17	37.07	May 21	38.39
Dec 16	37.36	Jun 16	38.48
Jan 22	37.91	Jul 14	38.79
Feb 19	37.94	Aug 17	38.65
Mar 24	37.67	Sep 25	38.00





Water-Data Report 2009

404812073041201 Local number S 44918. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°48'07.7", long 73°04'10.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Broadway Avenue, southeast corner of Sachem Central School property, Holbrook.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 6 in; top of first opening 73 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 100.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.77 ft below land-surface datum.

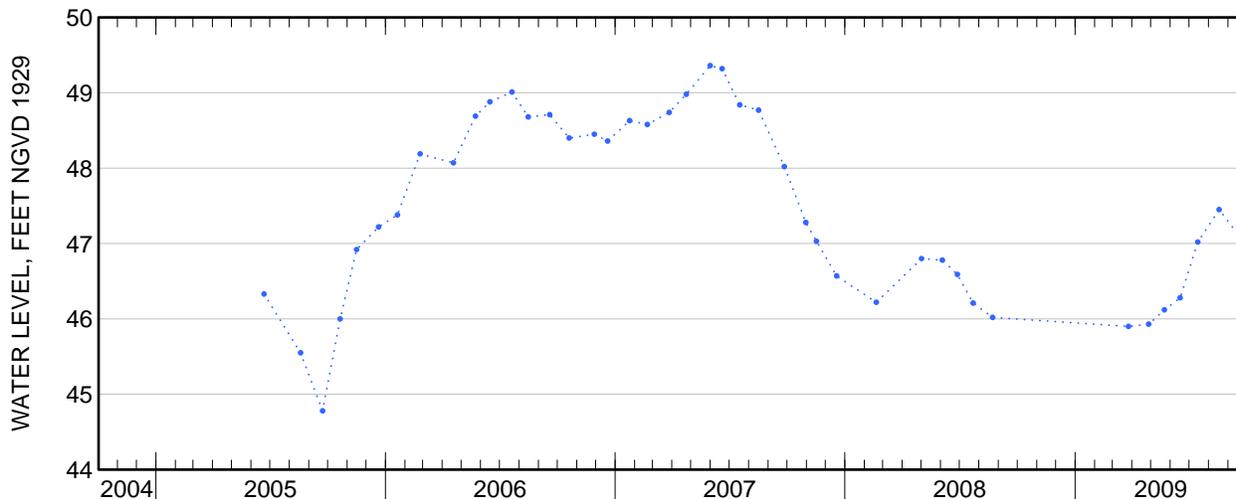
PERIOD OF RECORD.--February 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.54 ft above sea level, June 11, 1979; lowest measured, 41.82 ft above sea level, December 9, 1981.

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

Date	Water level	Date	Water level
Mar 26	45.90	Jul 14	47.02
Apr 27	45.93	Aug 17	47.45
May 22	46.12	Sep 25	47.02
Jun 16	46.28		





Water-Data Report 2009

404813073101101 Local number S 24771. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°48'14.0", long 73°16'09.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of Wicks Road and Long Island Expressway South Service Road, Brentwood.

GROUNDWATER 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 134 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.60 ft below land-surface datum.

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

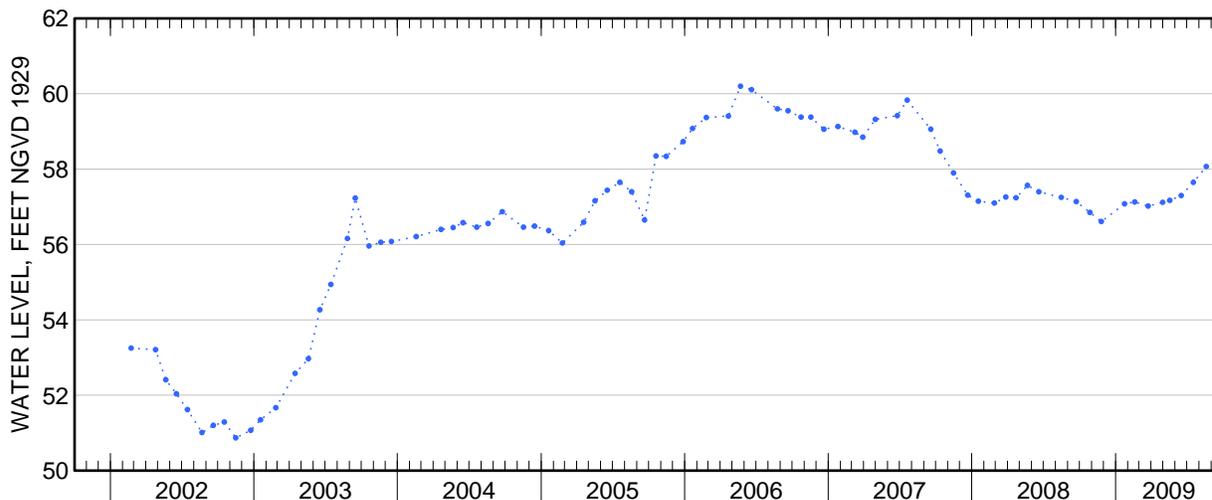
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S24771.1 in October 2000 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.20 ft above sea level, May 22, 2006; lowest measured, 50.87 ft above sea level, November 15, 2002.

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

Date	Water level	Date	Water level
Oct 27	56.85	Apr 30	57.12
Nov 25	56.61	May 18	57.17
Jan 23	57.08	Jun 16	57.30
Feb 18	57.13	Jul 17	57.65
Mar 24	57.02	Aug 19	58.07





Water-Data Report 2009

404818073135904 Local number S 24773. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'15.4", long 73°13'54.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Vanderbilt Motor Parkway, east of West End Avenue, Central Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 423 ft. Upper casing diameter 4 in; top of first opening 412 ft, bottom of last opening 422 ft.

DATUM.--Land-surface datum is 118.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.95 ft above land-surface datum.

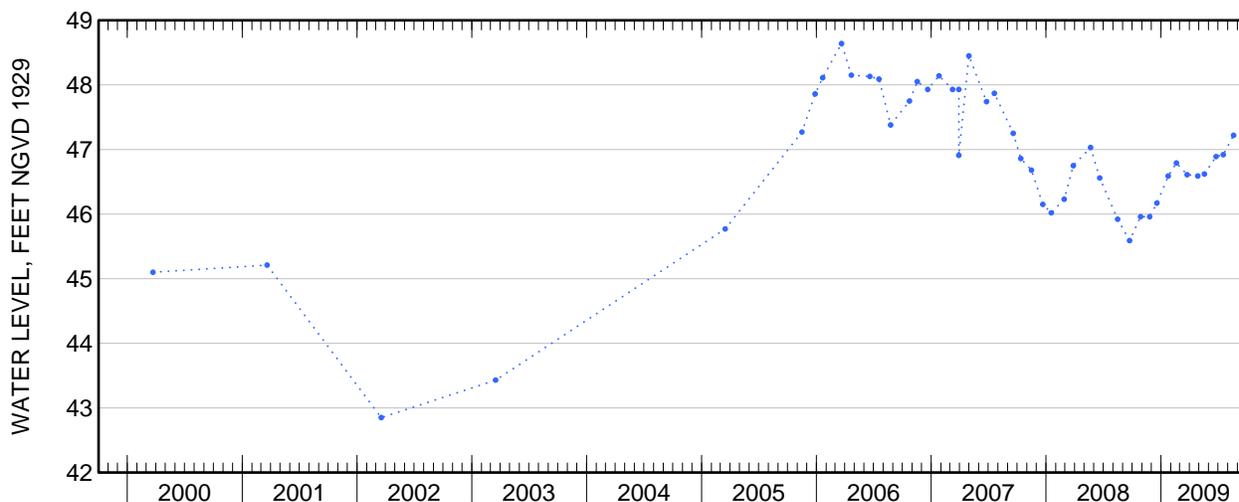
PERIOD OF RECORD.--March 1966 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.37 ft above sea level, March 21, 1991; lowest measured, 40.05 ft above sea level, March 7, 1966.

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

Date	Water level	Date	Water level
Oct 27	45.96	Apr 27	46.59
Nov 25	45.96	May 18	46.62
Dec 18	46.17	Jun 24	46.89
Jan 23	46.59	Jul 17	46.92
Feb 18	46.79	Aug 19	47.22
Mar 24	46.61		





Water-Data Report 2009

404820073073402 Local number S 43641. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'20", long 73°07'34" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 706 ft. Upper casing diameter 20 in; top of first opening 641 ft, bottom of last opening 703 ft.

DATUM.--Land-surface datum is 99.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.55 ft below land-surface datum.

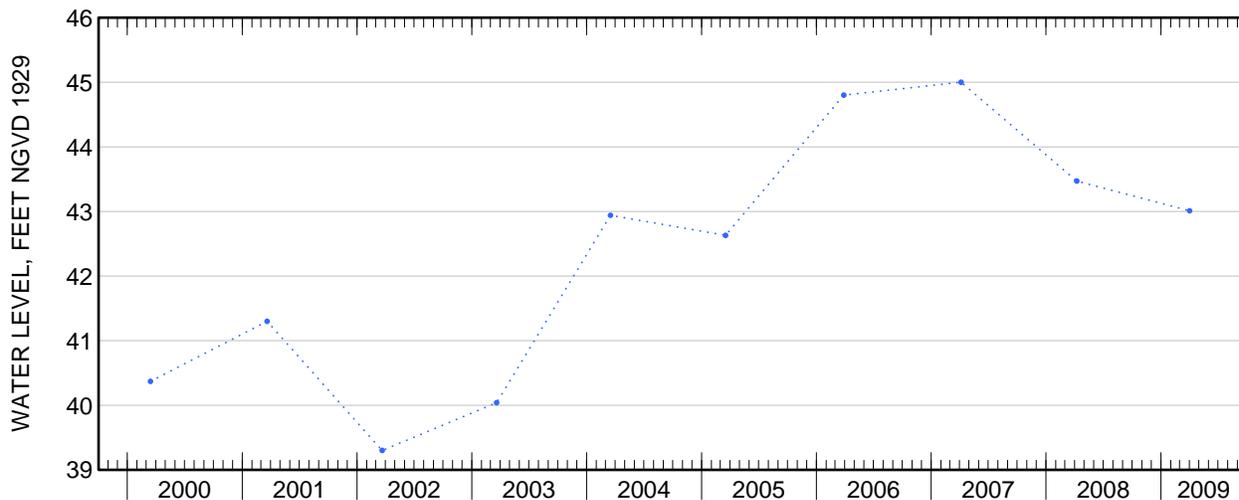
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.77 ft above sea level, March 28, 1991; lowest measured, 39.30 ft above sea level, March 21, 2002.

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

Date	Water level
Apr 1	43.01





Water-Data Report 2009

404829072463101 Local number S 47489. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°48'29", long 72°46'31" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 6 in; top of first opening 25 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

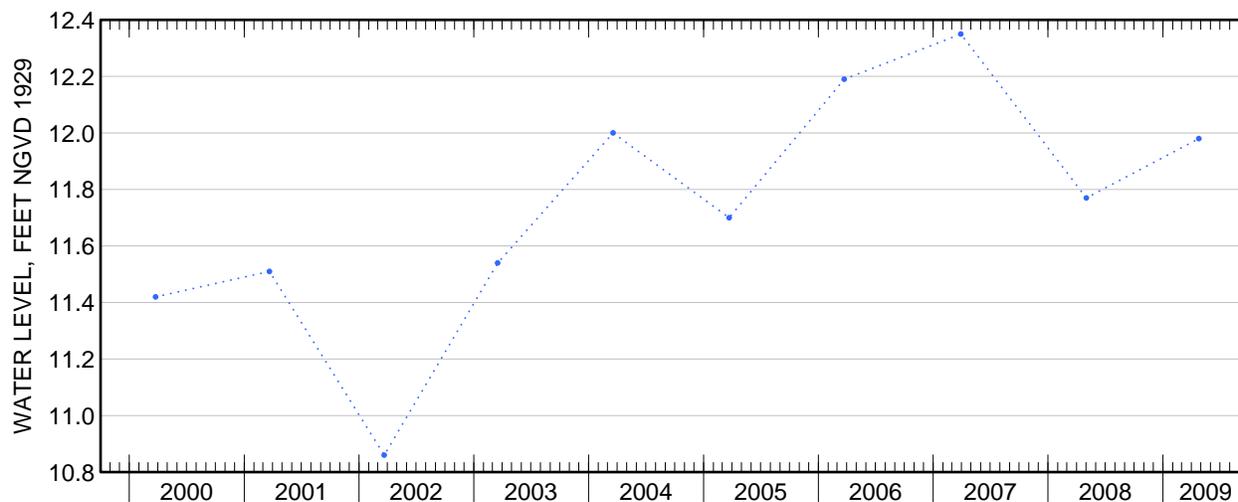
PERIOD OF RECORD.--March 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.96 ft above sea level, March 28, 1979; lowest measured, 10.20 ft above sea level, August 22, 1995.

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

Date	Water level
Apr 24	11.98





Water-Data Report 2009

404846072533201 Local number S 84807. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'46", long 72°53'32" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 556 ft. Upper casing diameter 4 in; top of first opening 545 ft, bottom of last opening 556 ft.

DATUM.--Land-surface datum is 17.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim between prongs, at land-surface datum.

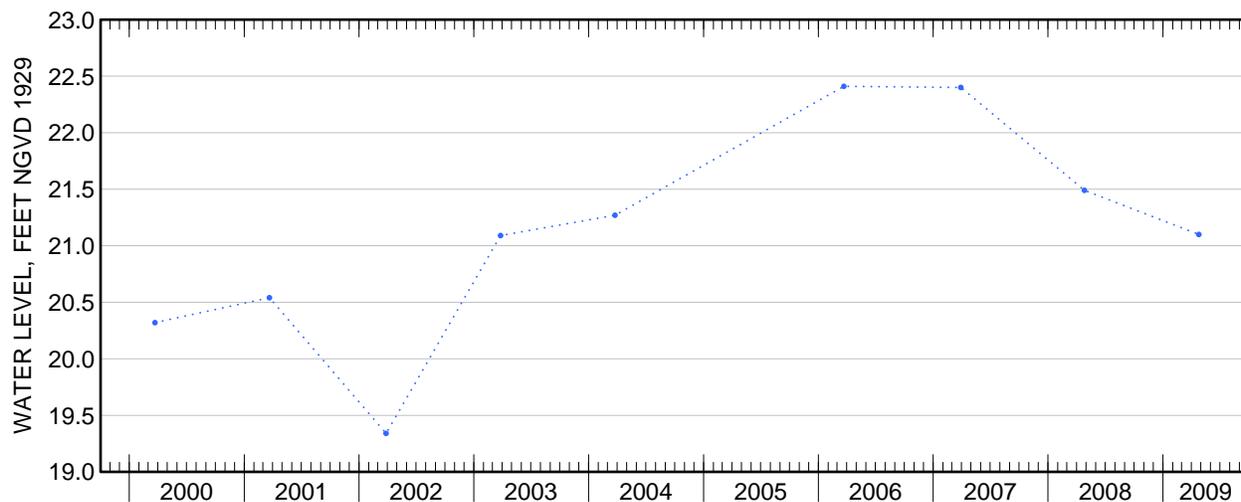
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.45 ft above sea level, June 15, 1990; lowest measured, 19.03 ft above sea level, September 19, 1995.

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

Date	Water level
Apr 24	21.10





Water-Data Report 2009

404846072533203 Local number S 84808. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'44.2", long 72°53'29.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 109 ft. Upper casing diameter 4 in; top of first opening 101 ft, bottom of last opening 106 ft.

DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.29 ft below land-surface datum.

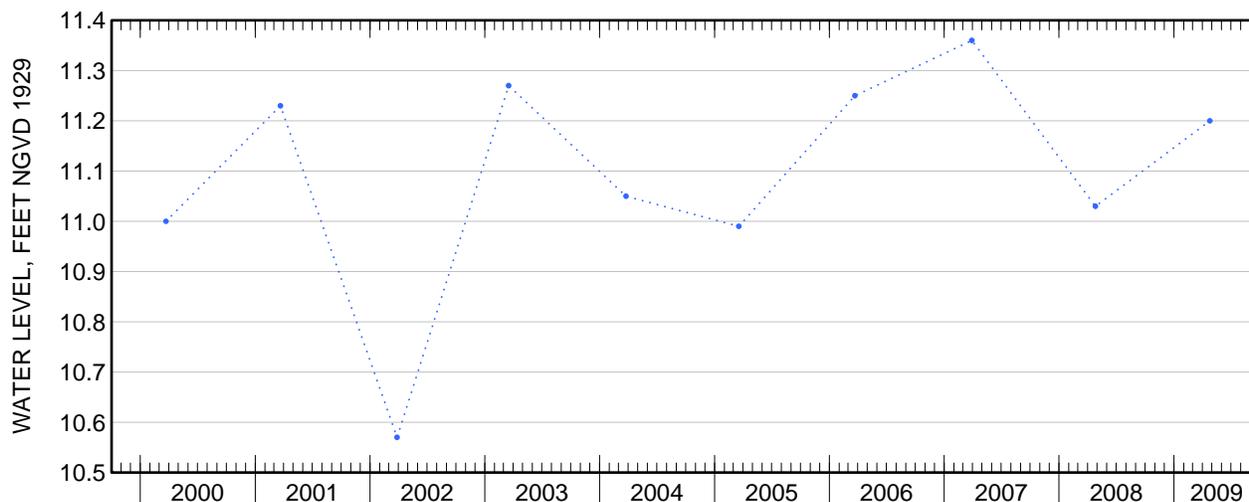
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.94 ft above sea level, June 25, 1998; lowest measured, 10.26 ft above sea level, August 23, 1995.

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

Date	Water level
Apr 24	11.20





Water-Data Report 2009

404846072533204 Local number S 84806. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'44.3", long 72°53'29.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Southaven County Park, at end of dirt access road to Carmans River, Yaphank.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 849 ft. Upper casing diameter 2 in; top of first opening 839 ft, bottom of last opening 849 ft.

DATUM.--Land-surface datum is 17.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel meter box rim between prongs, at land-surface datum.

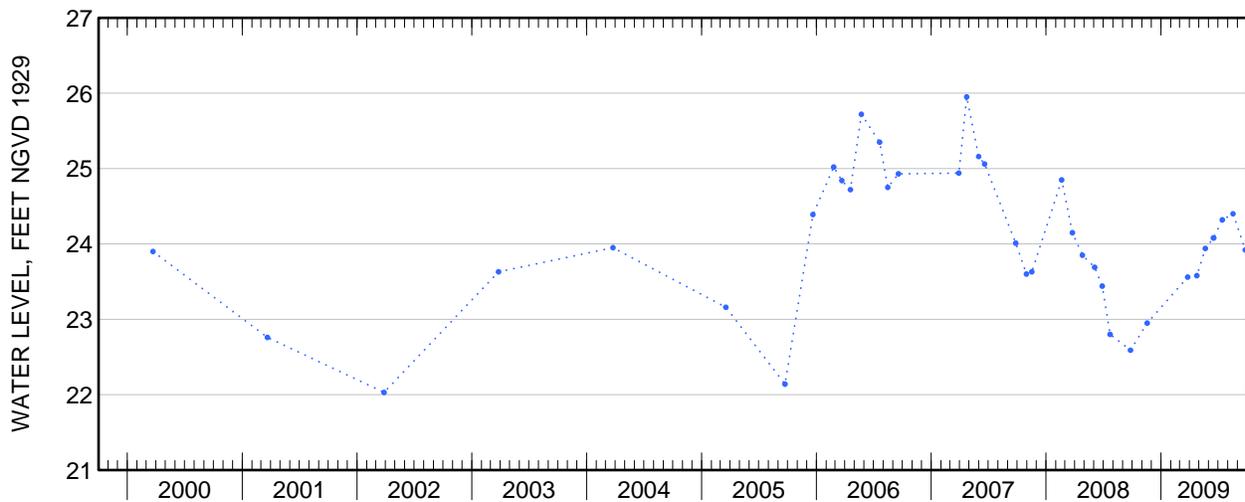
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.50 ft above sea level, June 25, 1998; lowest measured, 21.31 ft above sea level, September 19, 1995.

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

Date	Water level	Date	Water level
Nov 17	22.95	Jun 16	24.08
Mar 26	23.56	Jul 14	24.32
Apr 24	23.58	Aug 17	24.40
May 21	23.94	Sep 25	23.92
Jun 16	24.08		





Water-Data Report 2009

404852073024202 Local number S 76478. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°48'52.6", long 73°02'40.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 104.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.37 ft below land-surface datum.

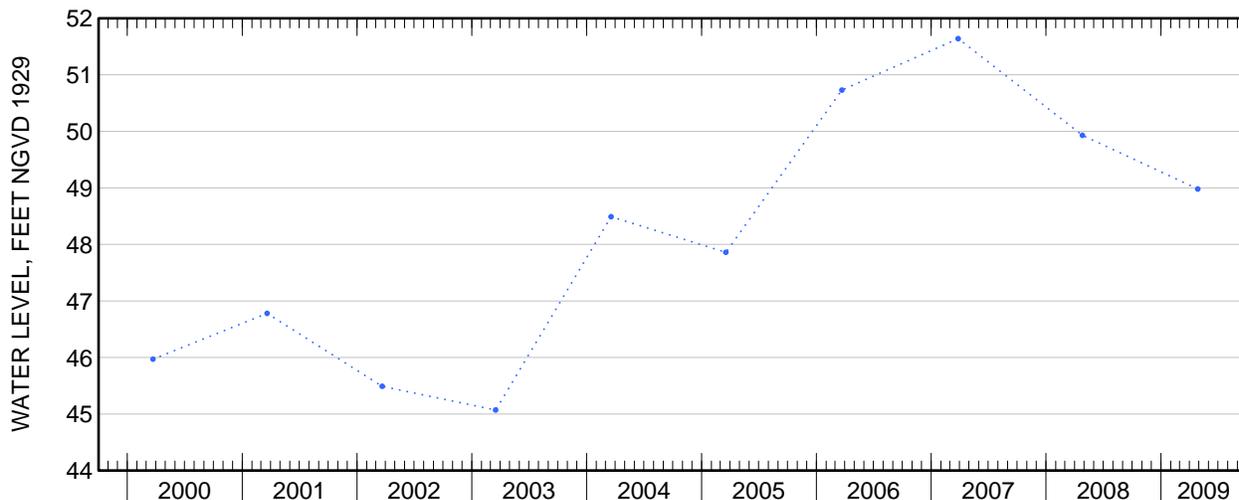
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.68 ft above sea level, October 2, 1984; lowest measured, 43.68 ft above sea level, March 14, 1996.

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

Date	Water level
Apr 27	48.98





Water-Data Report 2009

404859073194002 Local number S 75454. 2

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°49'00.5", long 73°19'38.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Dix Hills Park and Golf Course, 180 ft west of DeForest Road, 154 ft north of parking lot, northernmost well, Dix Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 740 ft. Upper casing diameter 4 in; top of first opening 730 ft, bottom of last opening 735 ft.

DATUM.--Land-surface datum is 230.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.14 ft below land-surface datum.

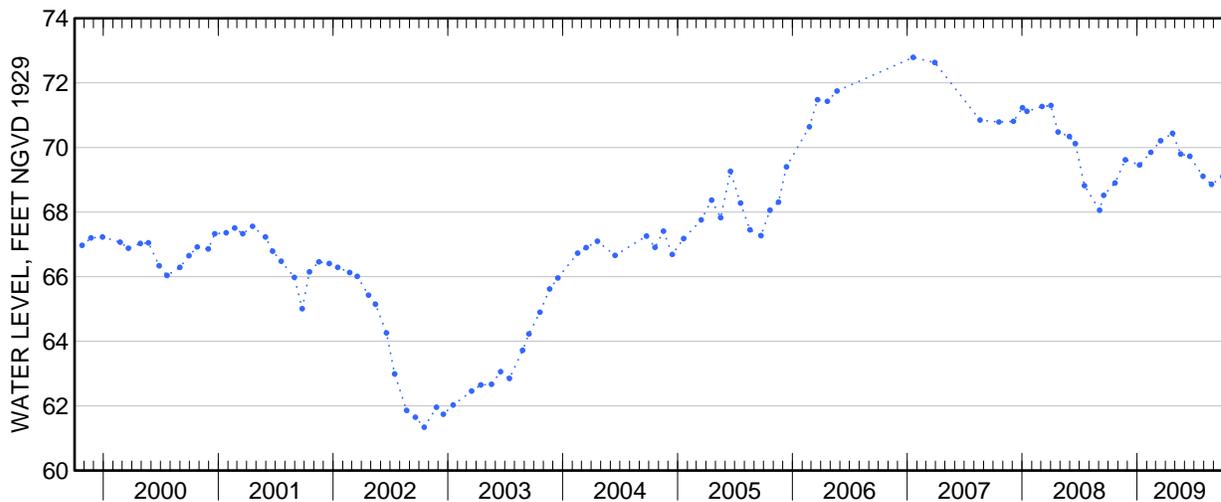
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.05 ft above sea level, March 21, 1991; lowest measured, 61.34 ft above sea level, October 17, 2002.

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

Date	Water level	Date	Water level
Oct 22	68.90	May 19	69.80
Nov 24	69.62	Jun 17	69.73
Jan 8	69.46	Jul 29	69.11
Feb 13	69.85	Aug 25	68.86
Mar 16	70.21	Sep 30	69.10
Apr 23	70.44		





Water-Data Report 2009

404859073194003 Local number S 75455. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°48'59", long 73°19'40" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 508 ft. Upper casing diameter 4 in; top of first opening 500 ft, bottom of last opening 505 ft.

DATUM.--Land-surface datum is 230.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.32 ft below land-surface datum.

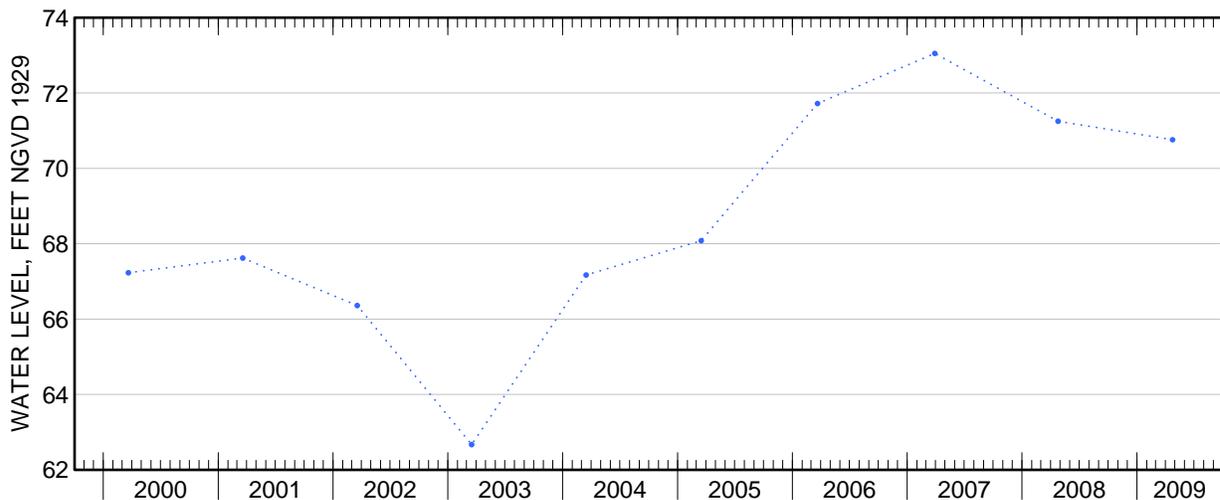
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.45 ft above sea level, March 21, 1991; lowest measured, 62.67 ft above sea level, March 17, 2003.

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

Date	Water level
Apr 23	70.76





Water-Data Report 2009

404900073242801 Local number S 64317. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'00.6", long 73°24'27.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 83 ft. Upper casing diameter 2 in; top of first opening 78 ft, bottom of last opening 83 ft.

DATUM.--Land-surface datum is 149.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft below land-surface datum.

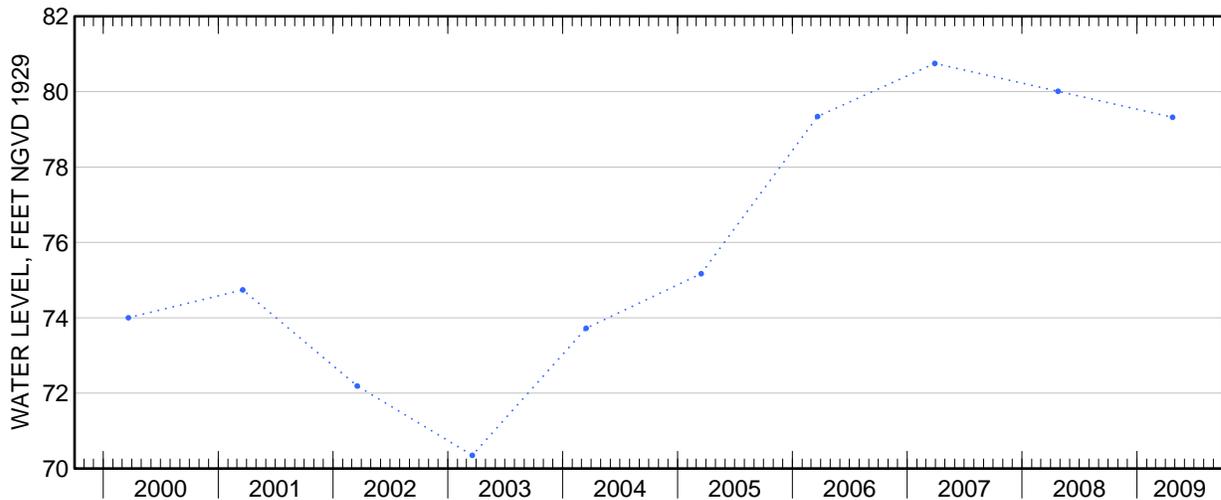
PERIOD OF RECORD.--June 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.15 ft above sea level, June 18, 1980; lowest measured, 70.07 ft above sea level, March 3, 1996.

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

Date	Water level
Apr 23	79.32





Water-Data Report 2009

404902073094001 Local number S 22577. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'02.8", long 73°09'38.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 736 ft. Upper casing diameter 4 in; top of first opening 724 ft, bottom of last opening 734 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.63 ft above land-surface datum.

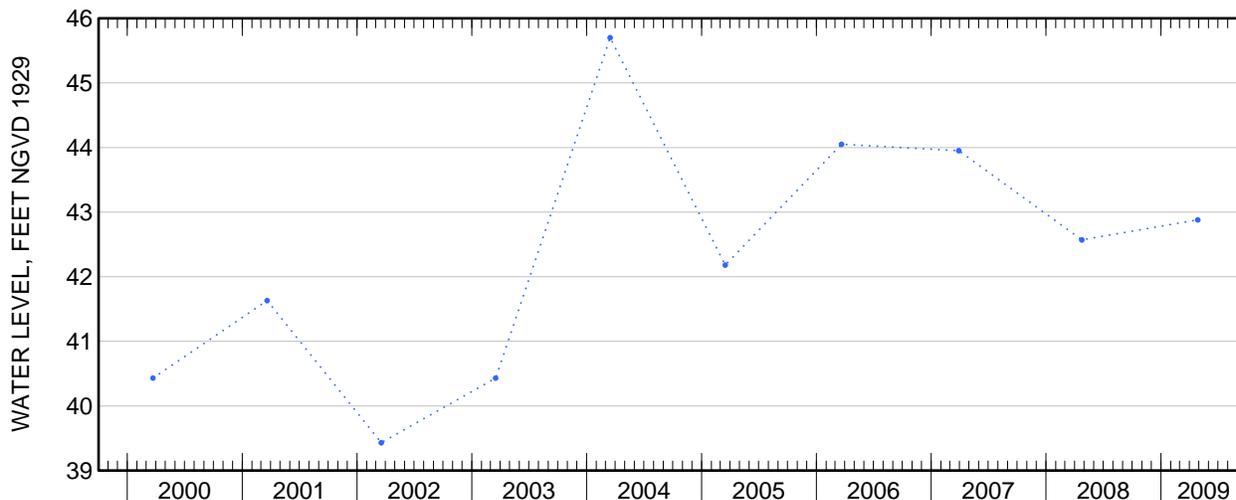
PERIOD OF RECORD.--August 1964 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.70 ft above sea level, March 15, 2004; lowest measured, 36.19 ft above sea level, March 2, 1967.

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

Date	Water level
Apr 27	42.88





Water-Data Report 2009

404902073094002 Local number S 22578. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'02", long 73°09'40" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 402 ft. Upper casing diameter 4 in; top of first opening 392 ft, bottom of last opening 402 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.89 ft above land-surface datum.

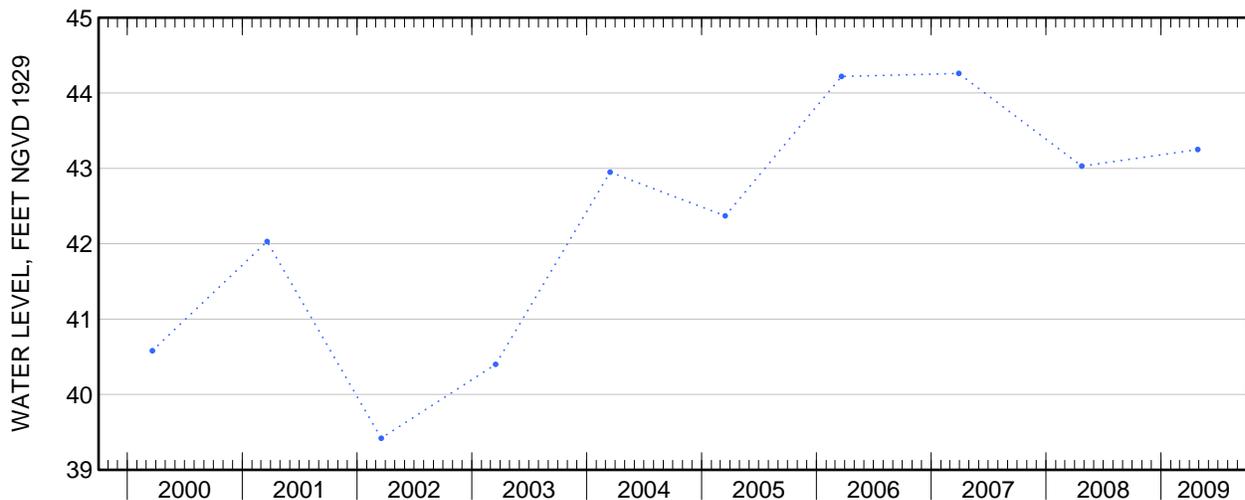
PERIOD OF RECORD.--August 1964 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.25 ft above sea level, March 28, 1979; lowest measured, 36.35 ft above sea level, March 1, 1967.

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

Date	Water level
Apr 27	43.25





Water-Data Report 2009

404915072531801 Local number S 9129. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'15.6", long 72°53'14.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.81 ft above land-surface datum.

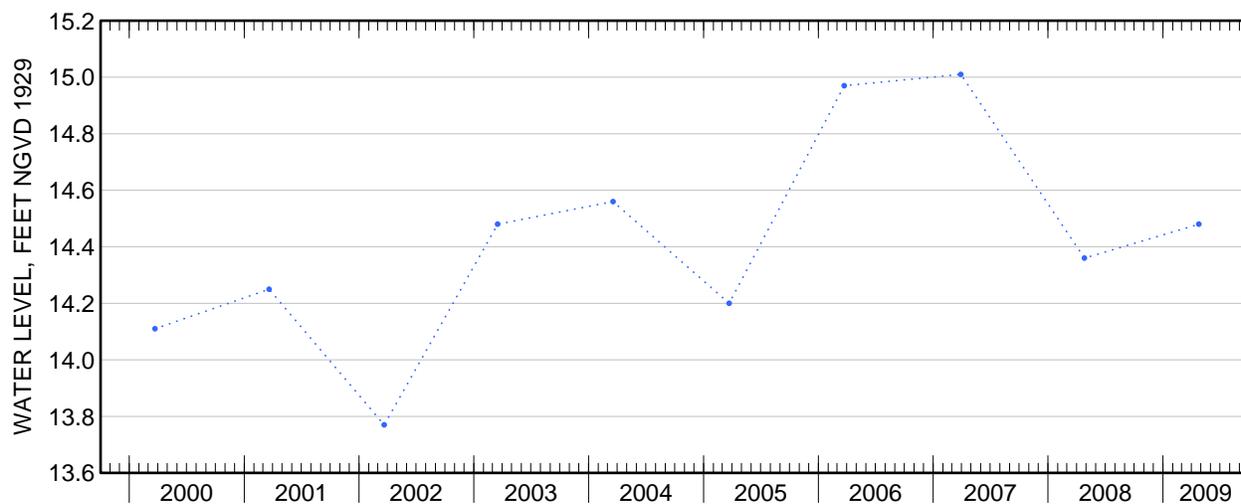
PERIOD OF RECORD.--July 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.77 ft above sea level, March 18, 1997; lowest measured, 13.46 ft above sea level, September 16, 1986.

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

Date	Water level
Apr 24	14.48





Water-Data Report 2009

404918072560301 Local number S 3530. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'18", long 72°56'03" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 65.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.32 ft above land-surface datum.

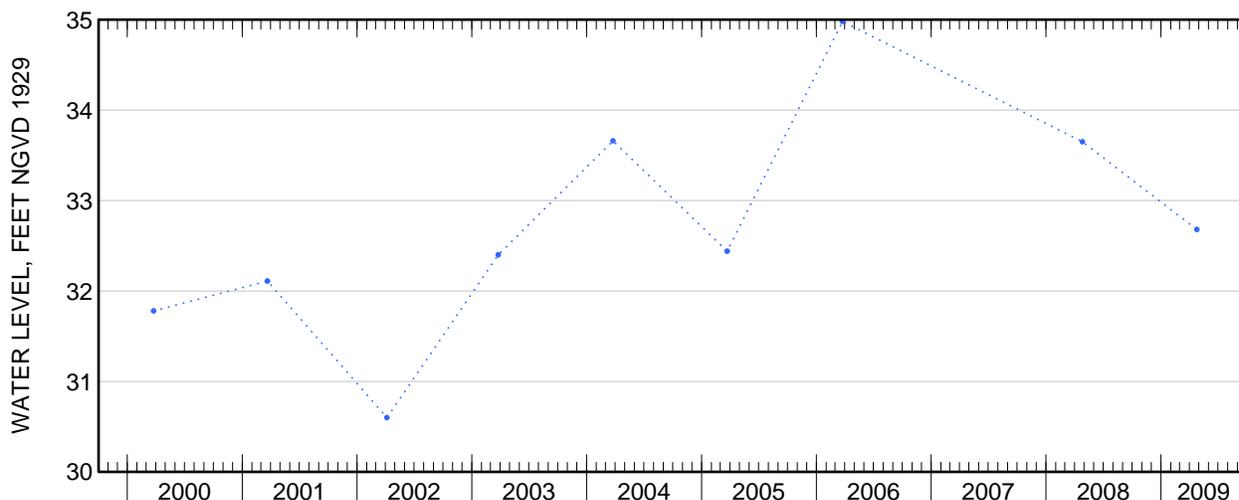
PERIOD OF RECORD.--March 1907 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.08 ft above sea level, June 14, 1984; lowest measured, 29.82 ft above sea level, October 27, 1966.

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

Date	Water level
Apr 24	32.68





Water-Data Report 2009

404920073150901 Local number S 45594. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'20.8", long 73°15'07.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at south side of New Highway, 0.25 mi west of Cardinal Lane, Commack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 6 in; top of first opening 73 ft, bottom of last opening 83 ft.

DATUM.--Land-surface datum is 105 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.63 ft below land-surface datum.

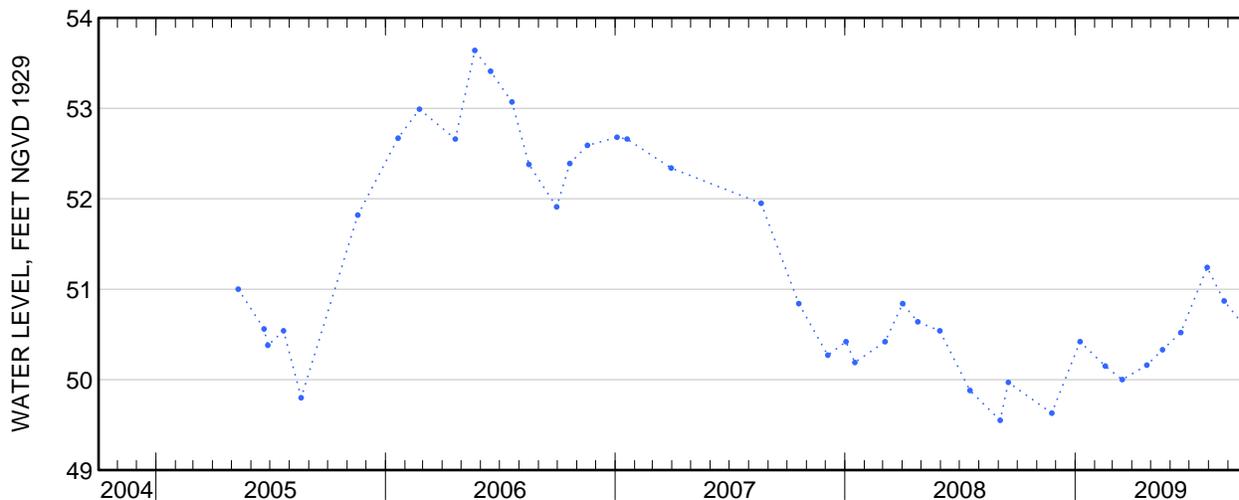
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.64 ft above sea level, May 22, 2006; lowest measured, 46.82 ft above sea level, September 9, 1981.

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

Date	Water level	Date	Water level
Nov 24	49.63	May 19	50.33
Jan 8	50.42	Jun 17	50.52
Feb 17	50.15	Jul 29	51.24
Mar 16	50.00	Aug 25	50.87
Apr 24	50.16	Sep 30	50.56





Water-Data Report 2009

404921073122703 Local number S 38491. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'20", long 73°12'25" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 383 ft. Upper casing diameter 20 in; top of first opening 320 ft, bottom of last opening 383 ft.

DATUM.--Land-surface datum is 61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 1.67 ft above land-surface datum.

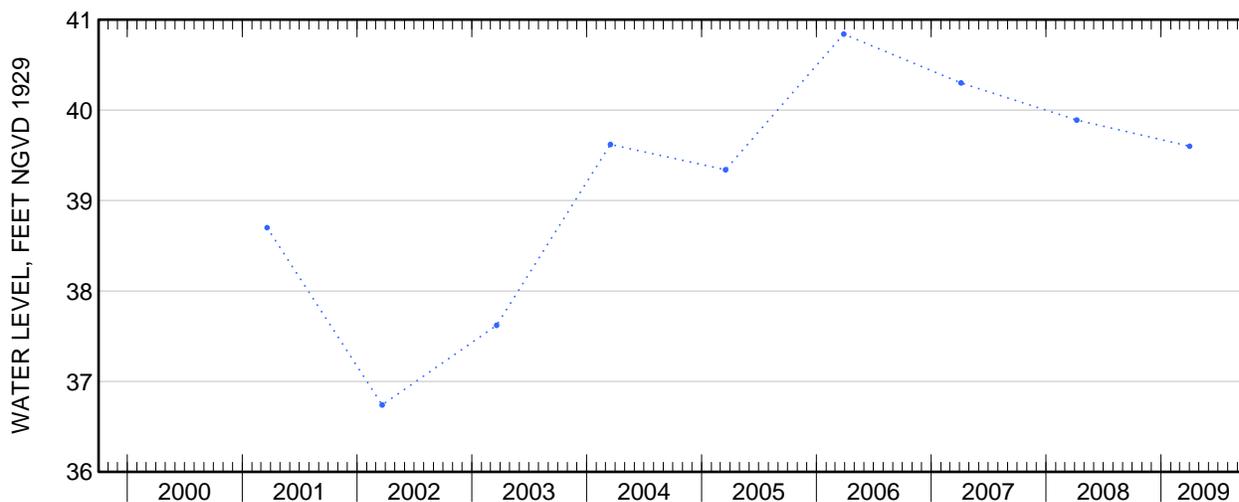
PERIOD OF RECORD.--May 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.44 ft above sea level, March 25, 1991; lowest measured, 32.58 ft above sea level, April 13, 1988.

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

Date	Water level
Apr 1	39.60





Water-Data Report 2009

404930073120002 Local number S 36142. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'29.9", long 73°11'59.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at south side of Town Line Road, 33 ft east of Lincoln Boulevard, Central Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 73 ft. Upper casing diameter 2 in; top of first opening 68 ft, bottom of last opening 73 ft.

DATUM.--Land-surface datum is 81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.29 ft below land-surface datum.

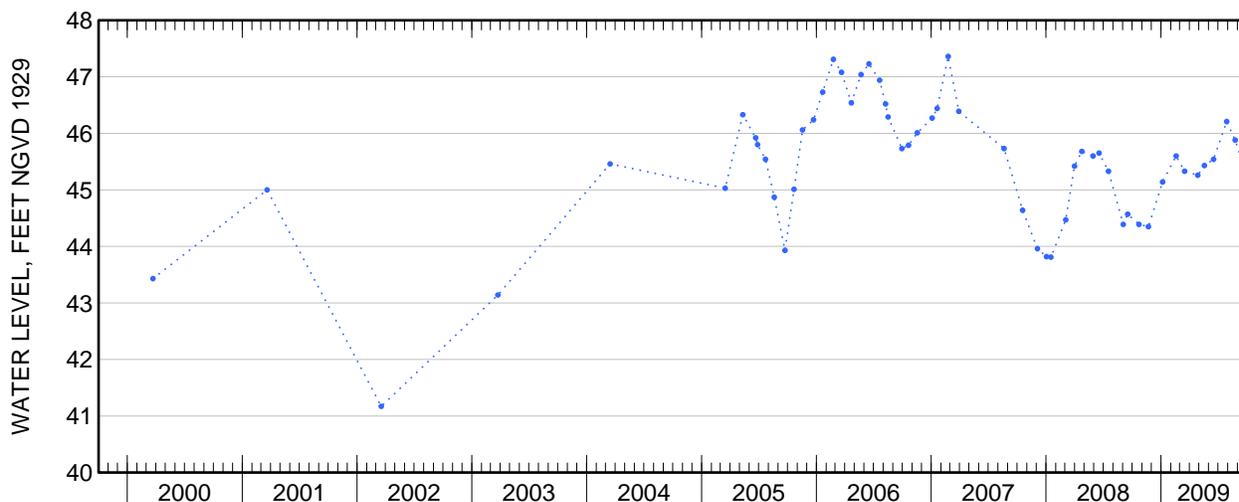
PERIOD OF RECORD.--July 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.71 ft above sea level, June 12, 1984; lowest measured, 40.76 ft above sea level, September 21, 1995.

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

Date	Water level	Date	Water level
Oct 22	44.39	May 18	45.43
Nov 21	44.35	Jun 16	45.54
Jan 5	45.14	Jul 28	46.21
Feb 17	45.60	Aug 24	45.88
Mar 16	45.33	Sep 29	45.26
Apr 27	45.26		





Water-Data Report 2009

404941072414801 Local number S 48442. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'41.5", long 72°41'46.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 6 in; top of first opening 42 ft, bottom of last opening 52 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 0.81 ft below land-surface datum.

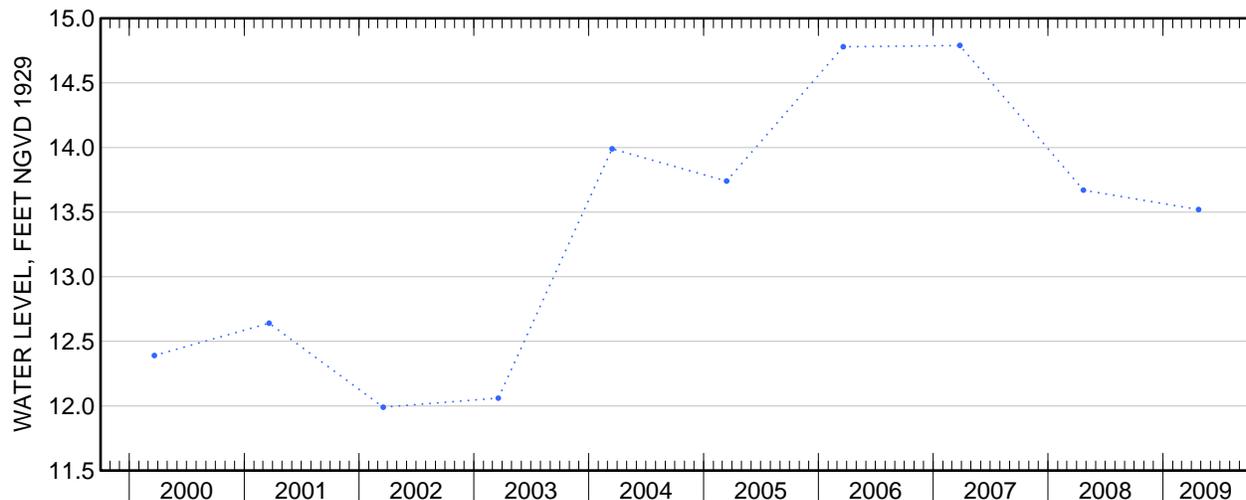
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.10 ft above sea level, March 13, 1979; lowest measured, 11.68 ft above sea level, March 2, 1981.

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

Date	Water level
Apr 23	13.52





Water-Data Report 2009

404942073175502 Local number S 76673. 2

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'42", long 73°17'55" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 633 ft. Upper casing diameter 4 in; top of first opening 625 ft, bottom of last opening 630 ft.

DATUM.--Land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.33 ft below land-surface datum.

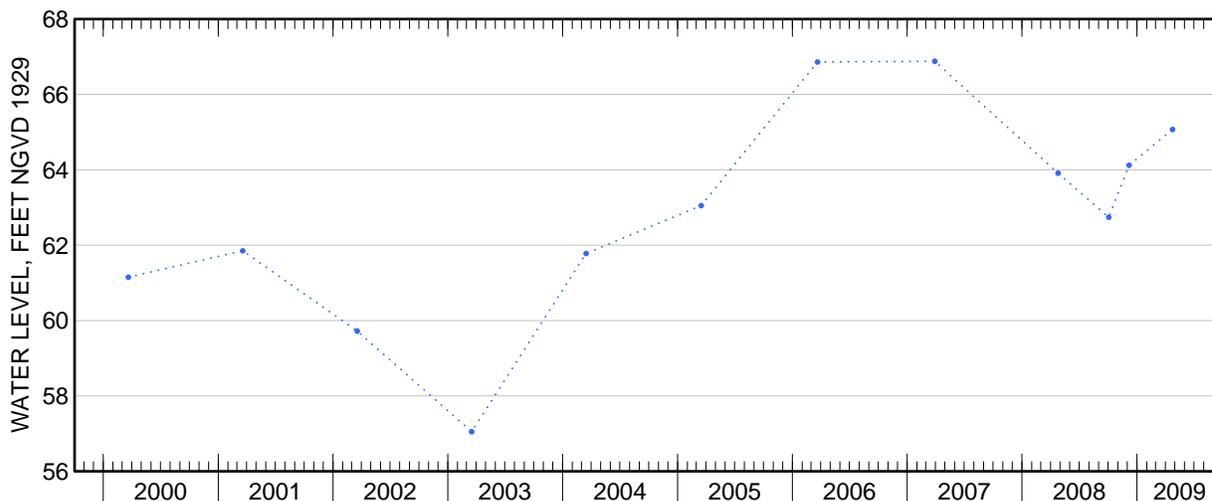
PERIOD OF RECORD.--August 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 67.94 ft above sea level, March 21, 1991; lowest measured, 57.05 ft above sea level, March 17, 2003.

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

Date	Water level	Date	Water level
Oct 2	62.74	Apr 23	65.07
Dec 6	64.12		





Water-Data Report 2009

404942073175503 Local number S 76674. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'42.1", long 73°17'55.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 463 ft. Upper casing diameter 4 in; top of first opening 455 ft, bottom of last opening 460 ft.

DATUM.--Land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.92 ft below land-surface datum.

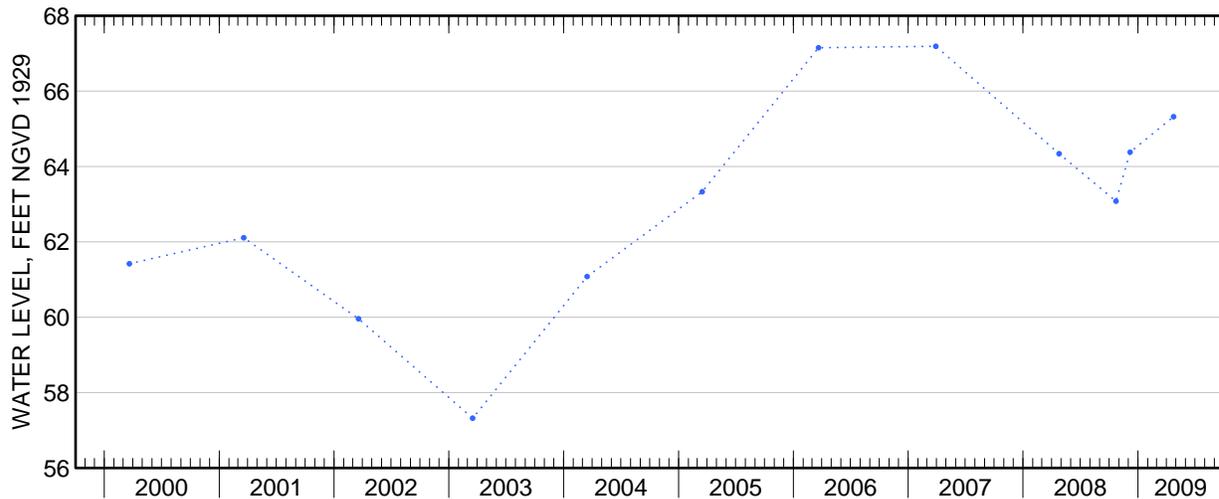
PERIOD OF RECORD.--August 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 68.20 ft above sea level, March 21, 1991; lowest measured, 57.32 ft above sea level, March 17, 2003.

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

Date	Water level	Date	Water level
Oct 22	63.08	Apr 23	65.32
Dec 6	64.38		





Water-Data Report 2009

404942073175504 Local number S 76675. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'42.1", long 73°17'55.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 253 ft. Upper casing diameter 4 in; top of first opening 245 ft, bottom of last opening 250 ft.

DATUM.--Land-surface datum is 130 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.72 ft below land-surface datum.

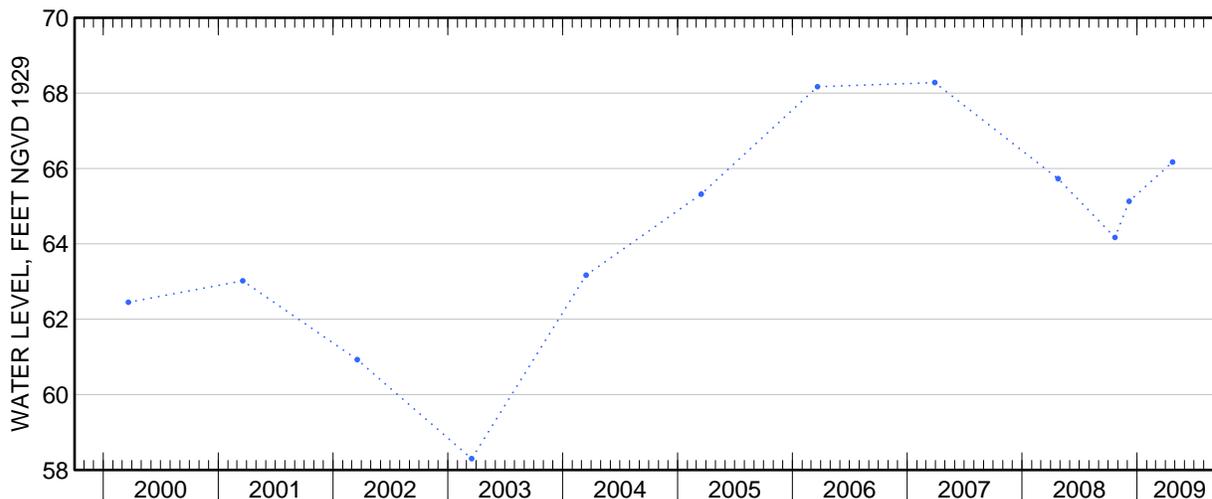
PERIOD OF RECORD.--August 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.30 ft above sea level, March 21, 1991; lowest measured, 58.30 ft above sea level, March 17, 2003.

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

Date	Water level	Date	Water level
Oct 22	64.17	Apr 23	66.17
Dec 6	65.13		





Water-Data Report 2009

404949073215101 Local number S 66847. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°49'48.2", long 73°21'48.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Ruth Street, 65 ft east of Floral Ave, Greenlawn.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 102 ft. Upper casing diameter 2 in; top of first opening 97 ft, bottom of last opening 102 ft.

DATUM.--Land-surface datum is 170.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.36 ft above land-surface datum.

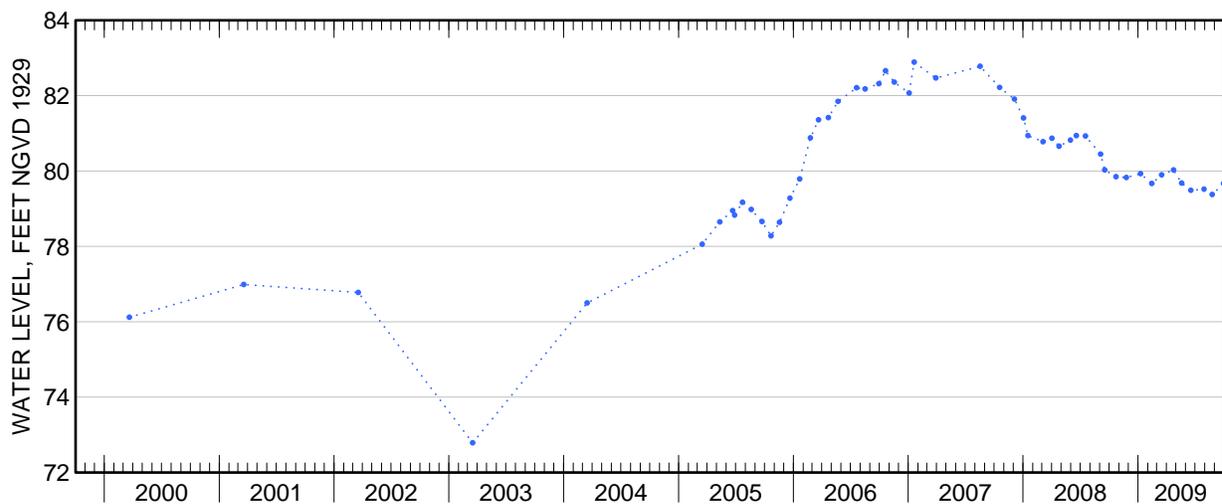
PERIOD OF RECORD.--December 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 87.11 ft above sea level, April 3, 1979; lowest measured, 72.44 ft above sea level, March 18, 1996.

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

Date	Water level	Date	Water level
Oct 22	79.85	May 19	79.68
Nov 24	79.83	Jun 17	79.49
Jan 8	79.93	Jul 29	79.52
Feb 13	79.67	Aug 24	79.38
Mar 16	79.90	Sep 29	79.67
Apr 23	80.03		





Water-Data Report 2009

404950073085002 Local number S 53498. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°49'48", long 73°08'47" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 721 ft. Upper casing diameter 42 in; top of first opening 663 ft, bottom of last opening 718 ft.

DATUM.--Land-surface datum is 90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 10.97 ft below land-surface datum.

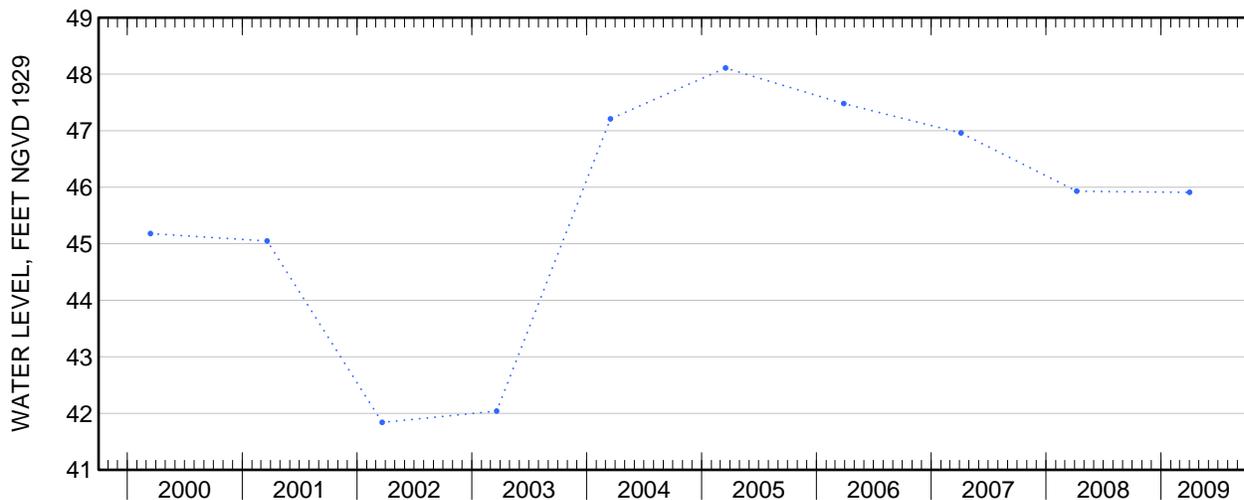
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.39 ft above sea level, March 25, 1991; lowest measured, 39.58 ft above sea level, March 18, 1981.

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

Date	Water level
Apr 1	45.91





Water-Data Report 2009

404952073470501 Local number S 46966. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'52", long 72°47'05" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 86 ft. Upper casing diameter 6 in; top of first opening 72 ft, bottom of last opening 82 ft.

DATUM.--Land-surface datum is 89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.54 ft below land-surface datum.

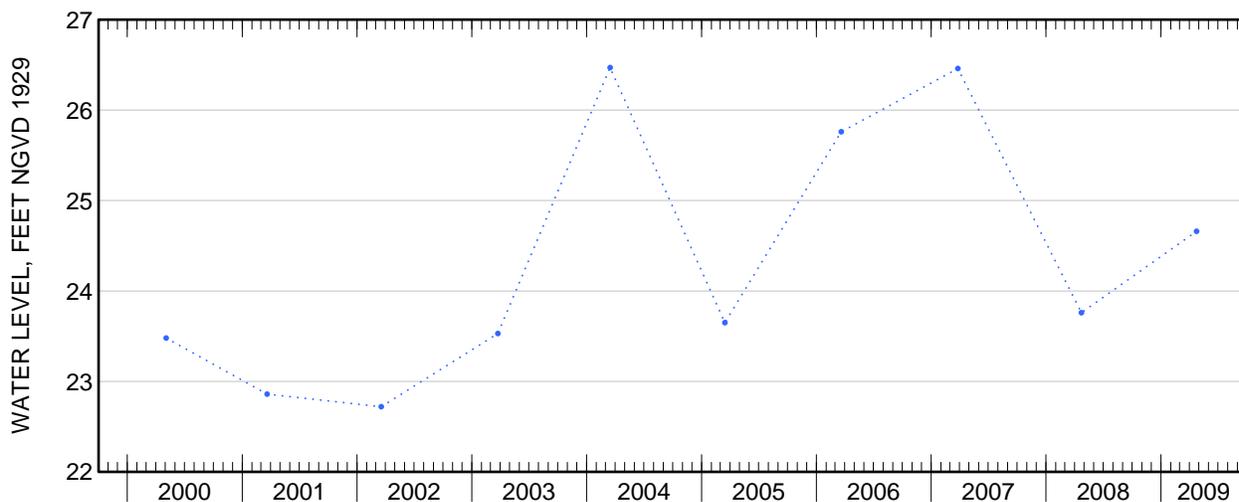
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.71 ft above sea level, March 21, 1978; lowest measured, 20.22 ft above sea level, December 4, 1981.

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

Date	Water level
Apr 23	24.66





Water-Data Report 2009

404957073073701 Local number S 1811. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°49'57", long 73°07'37" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 31 ft. Upper casing diameter 2 in; top of first opening 28 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 57.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC extension, 5.41 ft above land-surface datum.

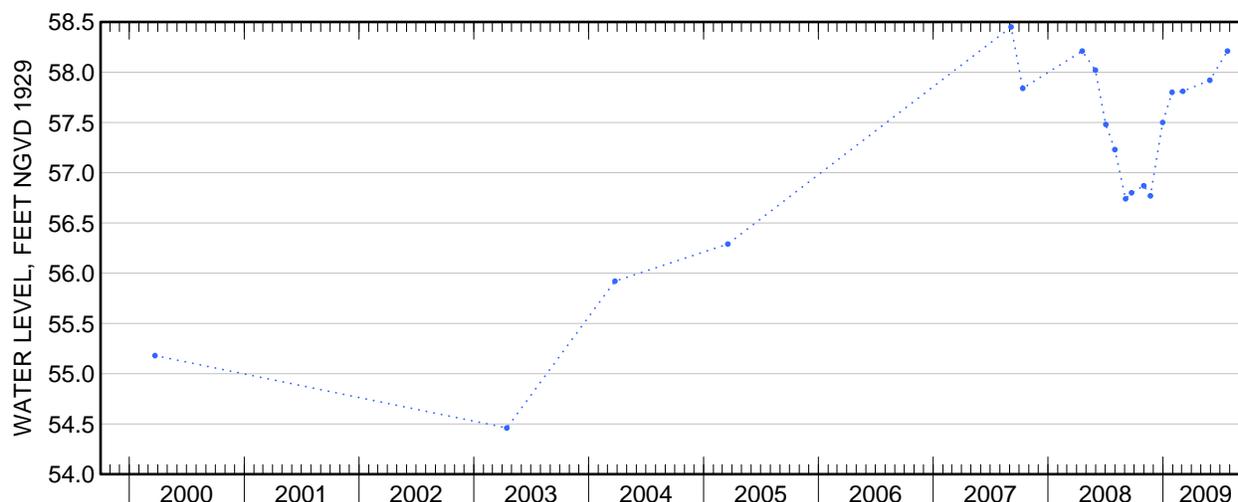
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 58.45 ft above sea level, September 5, 2007; lowest measured, 52.73 ft above sea level, September 21, 1995.

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

Date	Water level	Date	Water level
Oct 31	56.87	Mar 4	57.81
Nov 21	56.77	May 29	57.92
Dec 30	57.50	Jul 24	58.21
Jan 29	57.80		





Water-Data Report 2009

405002073043501 Local number S 66509. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'01.6", long 73°04'36.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 117 ft. Upper casing diameter 4 in; top of first opening 109 ft, bottom of last opening 114 ft.

DATUM.--Land-surface datum is 139.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.52 ft above land-surface datum.

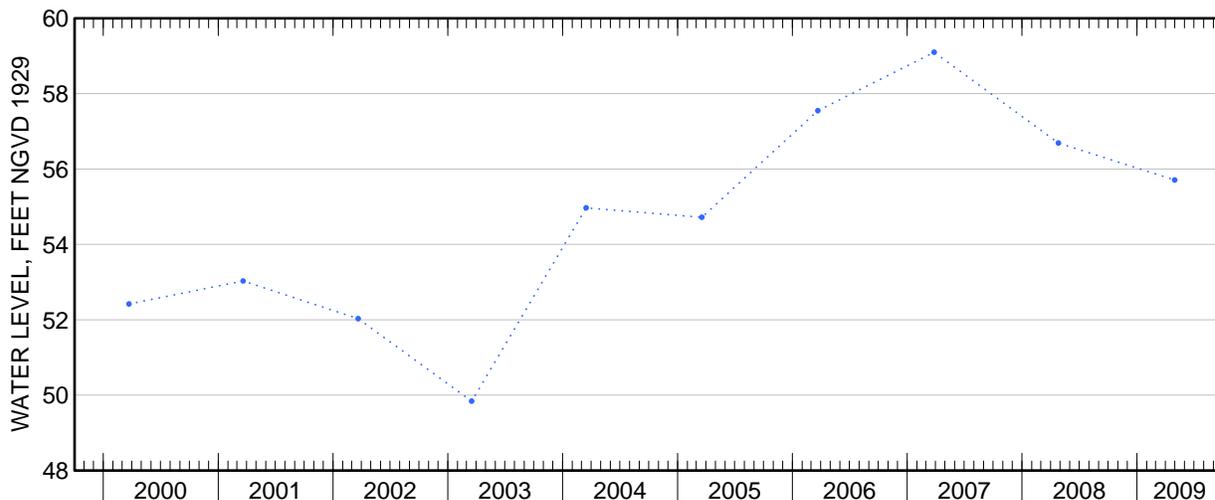
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.10 ft above sea level, March 27, 2007; lowest measured, 48.79 ft above sea level, March 21, 1996.

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

Date	Water level
Apr 30	55.71





Water-Data Report 2009

405003073155201 Local number S 65607. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'03.8", long 73°15'52.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 102 ft. Upper casing diameter 2 in; top of first opening 97 ft, bottom of last opening 102 ft.

DATUM.--Land-surface datum is 138 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft below land-surface datum.

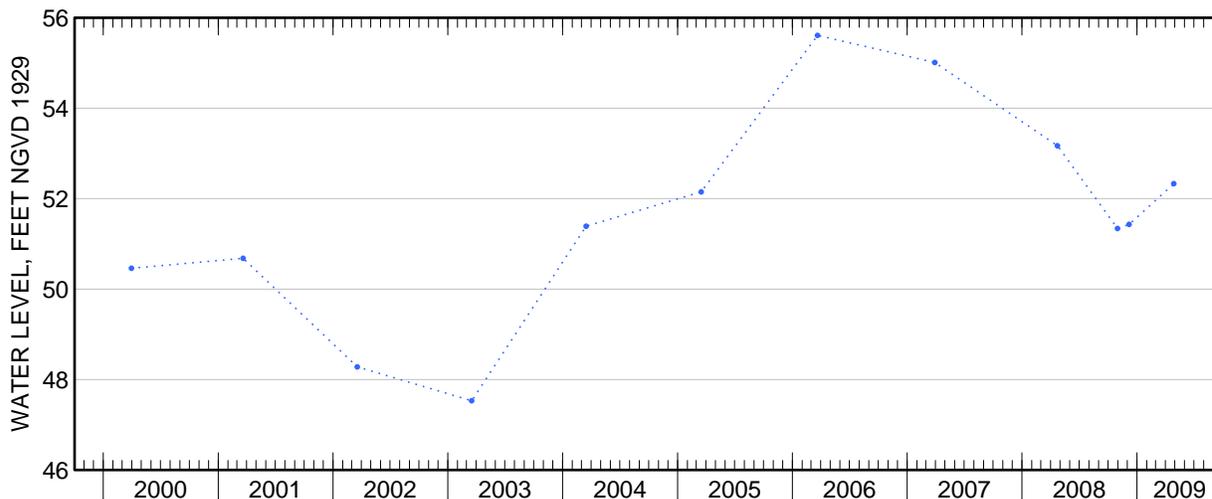
PERIOD OF RECORD.--September 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 58.58 ft above sea level, December 27, 1979; lowest measured, 47.53 ft above sea level, March 17, 2003.

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

Date	Water level	Date	Water level
Oct 30	51.34	Apr 27	52.33
Dec 6	51.43		





Water-Data Report 2009

405004072515400 Local number S 47750. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'03.8", long 72°51'52.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 6 in; top of first opening 83 ft, bottom of last opening 93 ft.

DATUM.--Land-surface datum is 95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.43 ft below land-surface datum.

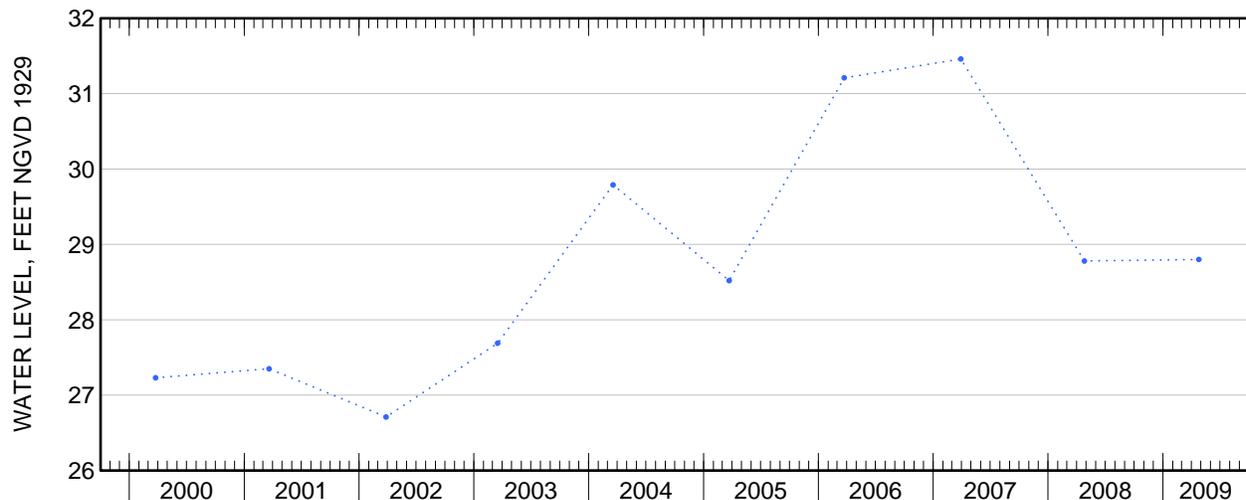
PERIOD OF RECORD.--March 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.90 ft above sea level, June 25, 1979; lowest measured, 26.02 ft above sea level, March 13, 1996.

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

Date	Water level
Apr 24	28.80





Water-Data Report 2009

405005073233701 Local number S 45208. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'03.3", long 73°23'33.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 137 ft. Upper casing diameter 6 in; top of first opening 123 ft, bottom of last opening 133 ft.

DATUM.--Land-surface datum is 185.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.85 ft below land-surface datum.

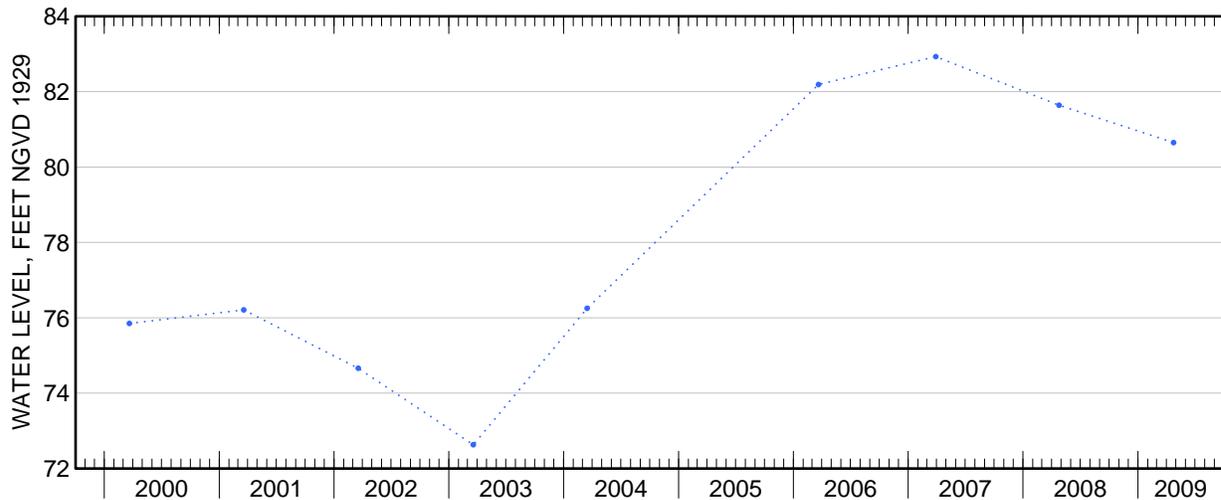
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 83.36 ft above sea level, December 19, 1979; lowest measured, 72.48 ft above sea level, March 18, 1996.

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

Date	Water level
Apr 23	80.65





Water-Data Report 2009

405010072580901 Local number S 3871. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'10.1", long 72°58'07.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southeast corner of Fire Road and Locust Avenue, Yaphank.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 87 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 128.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.44 ft above land-surface datum.

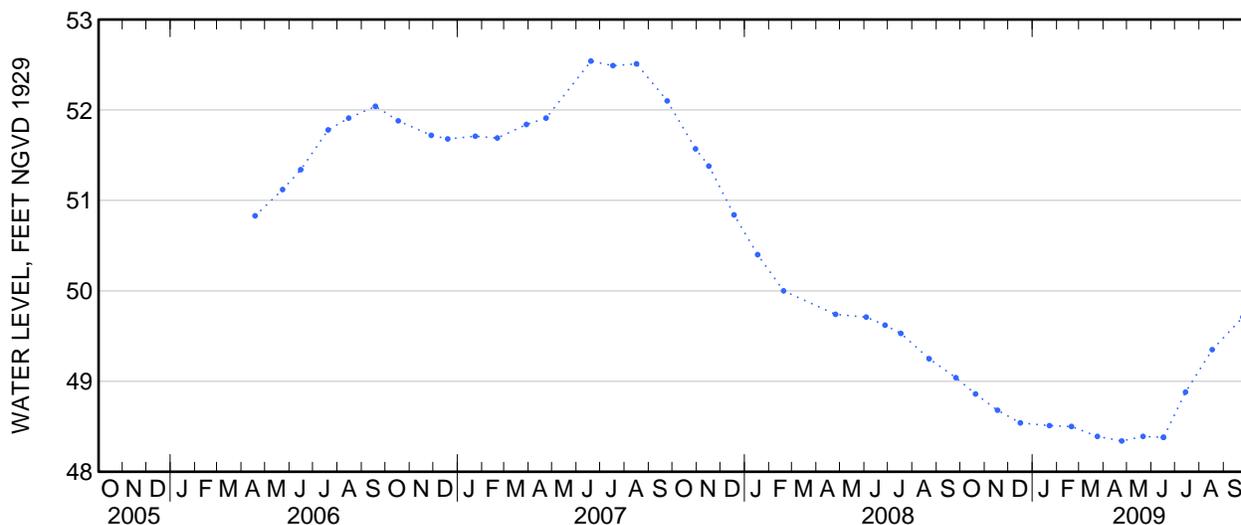
PERIOD OF RECORD.--June 1958 to August 1996 and April 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.10 ft above sea level, October 2, 1979; lowest measured, 44.22 ft above sea level, April 14, 1989.

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

Date	Water level	Date	Water level
Oct 20	48.86	Apr 24	48.34
Nov 17	48.68	May 21	48.39
Dec 16	48.54	Jun 16	48.38
Jan 22	48.51	Jul 14	48.88
Feb 19	48.50	Aug 17	49.35
Mar 24	48.39	Sep 25	49.71





Water-Data Report 2009

405010073103101 Local number S 50505. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'10.3", long 73°10'28.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at south side of Bow Drive, 606 ft east of Reed Street, Hauppauge.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 10 ft. Upper casing diameter 2 in; top of first opening 6 ft, bottom of last opening 10 ft.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.01 ft above land-surface datum.

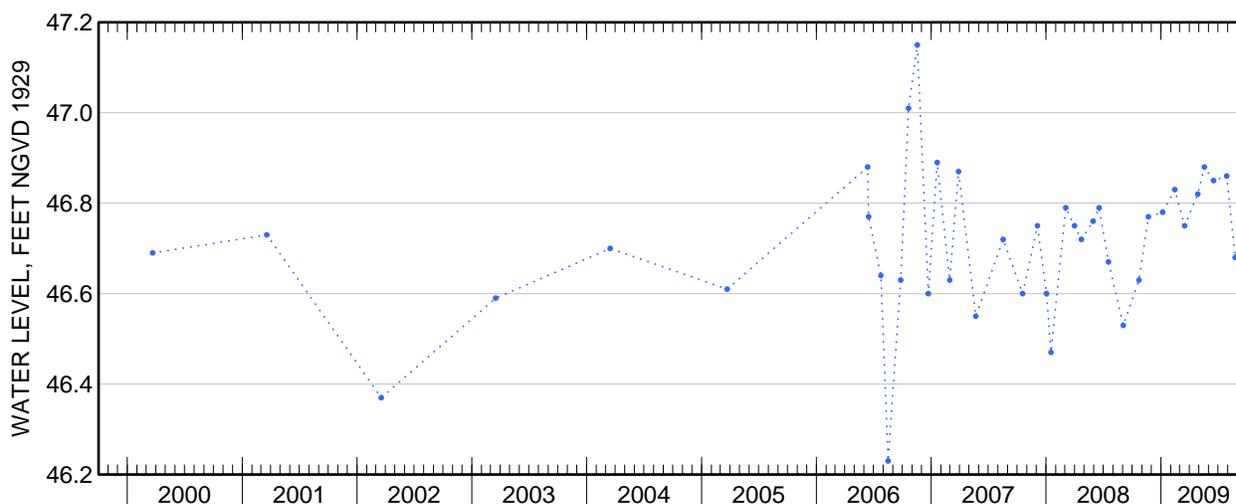
PERIOD OF RECORD.--December 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.02 ft above sea level, April 15, 1974; lowest measured, 45.36 ft above sea level, September 14, 1981.

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

Date	Water level	Date	Water level
Oct 22	46.63	May 18	46.88
Nov 21	46.77	Jun 16	46.85
Jan 5	46.78	Jul 28	46.86
Feb 13	46.83	Aug 24	46.68
Mar 16	46.75	Sep 29	46.80
Apr 27	46.82		





Water-Data Report 2009

405012072444101 Local number S 36152. 3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'15.2", long 72°44'36.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 70 ft. Upper casing diameter 2 in; top of first opening 60 ft, bottom of last opening 65 ft.

DATUM.--Land-surface datum is 66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

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

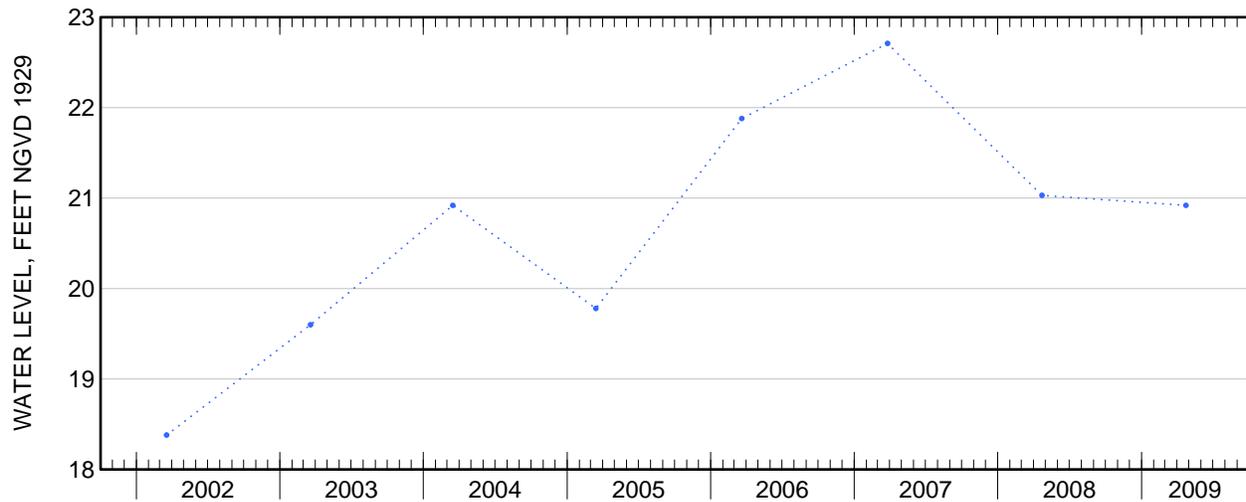
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S36152.2 in July 2001 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.71 ft above sea level, March 26, 2007; lowest measured, 18.38 ft above sea level, March 18, 2002.

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

Date	Water level
Apr 23	20.92





Water-Data Report 2009

405013073263602 Local number S 40840. 2

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'14.5", long 73°26'36.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 2 in; top of first opening 90 ft, bottom of last opening 95 ft.

DATUM.--Land-surface datum is 131.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.75 ft below land-surface datum.

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

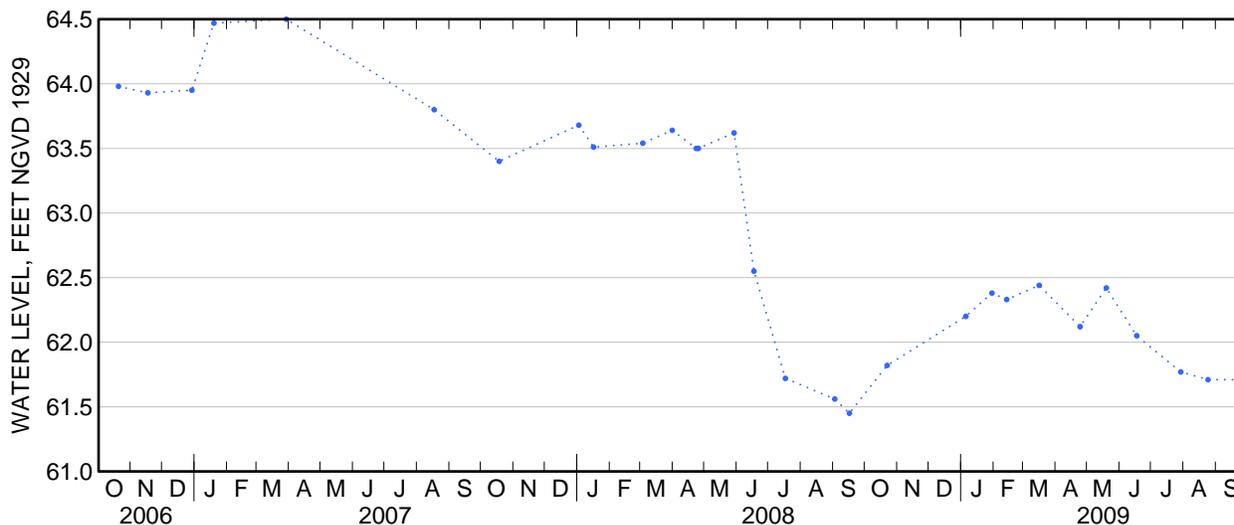
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S40840.2 in October 2002 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 64.50 ft above sea level, March 29, 2007; lowest measured, 61.45 ft above sea level, September 16, 2008.

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

Date	Water level	Date	Water level
Oct 22	61.82	May 19	62.42
Jan 5	62.20	Jun 17	62.05
30	62.38	Jul 29	61.77
Feb 13	62.33	Aug 24	61.71
Mar 16	62.44	Sep 29	61.71
Apr 24	62.12		





Water-Data Report 2009

405014072564001 Local number S 66508. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'13", long 72°56'40" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at end of Garden Lane, south of Coram Road, West Yaphank.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 62 ft. Upper casing diameter 4 in; top of first opening 55 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.53 ft below land-surface datum.

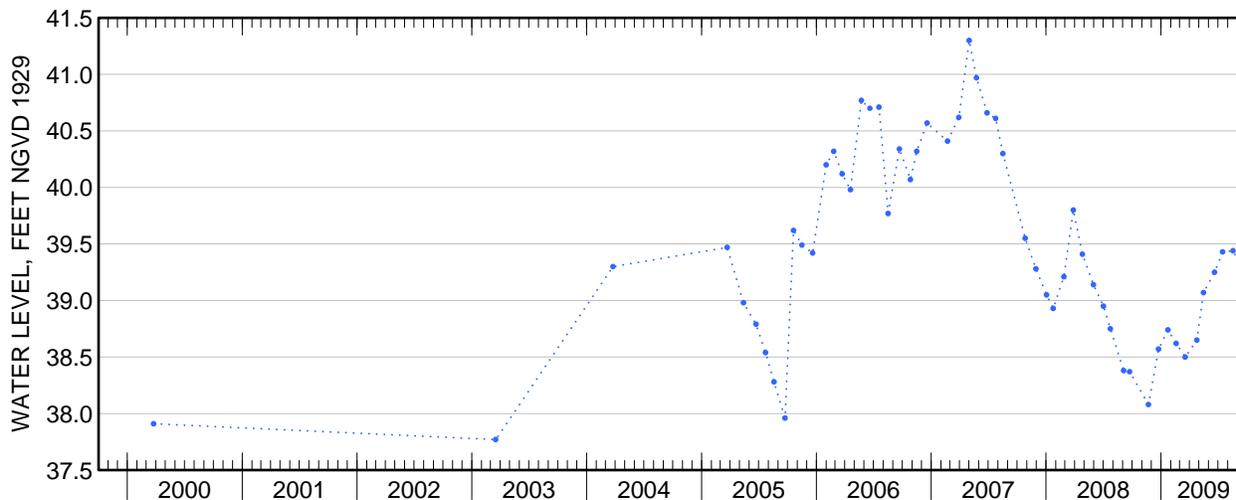
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.57 ft above sea level, April 17, 1979; lowest measured, 36.59 ft above sea level, August 21, 1995.

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

Date	Water level	Date	Water level
Nov 21	38.08	May 15	39.07
Dec 23	38.57	Jun 19	39.25
Jan 22	38.74	Jul 15	39.43
Feb 17	38.62	Aug 17	39.44
Mar 18	38.50	Sep 28	39.21
Apr 24	38.65		





Water-Data Report 2009

405017072495001 Local number S 74293. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'17", long 72°49'50" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 2 in; top of first opening 67 ft, bottom of last opening 71 ft.

DATUM.--Land-surface datum is 83.6 ft above National Geodetic Vertical Datum of 1929.

WATER-QUALITY DATA
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 28

[CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, 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, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
07-27-2009	0900	53.03	9.1	5.5	544	14.0	.6	302	6.32	4.33

WATER-QUALITY DATA
 WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 28

[CaCO3, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO3 (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	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)
07-27-2009	1.84	83.6	15.7	19.1	.03	125	< .08	9.42	24.5

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	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)	Orthophosphate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, µg/L (01106)	Barium, water, filtered, µg/L (01005)	Beryllium, water, filtered, µg/L (01010)	Cadmium, water, filtered, µg/L (01025)
07-27-2009	< .020	6.46	E .001	.014	6.65	E 2.1	40	< .02	.05

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Chromium, water, filtered, µg/L (01030)	Cobalt, water, filtered, µg/L (01035)	Copper, water, filtered, µg/L (01040)	Iron, water, filtered, µg/L (01046)	Lead, water, filtered, µg/L (01049)	Lithium, water, filtered, µg/L (01130)	Manganese, water, filtered, µg/L (01056)	Molybdenum, water, filtered, µg/L (01060)	Nickel, water, filtered, µg/L (01065)	Silver, water, filtered, µg/L (01075)
07-27-2009	.67	.09	E .72	4	.07	< 1.0	4.9	.1	1.1	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Strontium, water, filtered, µg/L (01080)	Thallium, water, filtered, µg/L (01057)	Vanadium, water, filtered, µg/L (01085)	Zinc, water, filtered, µg/L (01090)	Arsenic, water, filtered, µg/L (01000)	Boron, water, filtered, µg/L (01020)	Selenium, water, filtered, µg/L (01145)	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)
07-27-2009	78.0	< .04	.19	< 2.0	E .05	15	.12	< .12	< 1.0	< .04

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	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-D methyl ester, water, filtered, recoverable, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496)	2,4-D, water, filtered, recoverable, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38746)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)
07-27-2009	< .1	< .02	< .1	< .02	< .04	< .200	< .02	< .06	< .02	< .006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	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-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, μg/L (04038)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)	2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, μg/L (50355)	3,4-Dichloro-aniline, water, filtered, recoverable, μg/L (61625)	3,5-Dichloro-aniline, water, filtered, recoverable, μg/L (61627)	3-Chloro-propene, water, unfiltered, recoverable, μg/L (78109)	3-Hydroxy carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, μg/L (61633)
07-27-2009	< .010	< .014	< .06	< .010	< .060	< .004	< .004	< .08	< .040	< .005

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Acetochlor, water, filtered, recover- able, μg/L (49260)	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49315)	Acrylo- nitrile, water, unfiltered, recover- able, μg/L (34215)	Alachlor, water, filtered, recover- able, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49312)	alpha- Endosulfan, water, filtered, recover- able, μg/L (34362)	Aminometh- ylphosphon- ic acid, water, filtered (0.7 micron glass fiber filter), recoverable , micrograms per liter (62649)	Atrazine, water, filtered, recover- able, μg/L (39632)
07-27-2009	< .010	< .040	< 0.4	< .008	< .08	< .060	< .12	< .006	< .02	< .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Azinphos- methyl oxygen analog, water, filtered, recover- able, μg/L (61635)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82686)	Bendio- carb, water, filtered, recover- able, μg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyl, water, filtered, recover- able, μg/L (50300)	Ben- sulfuron- methyl, water, filtered, recover- able, μg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38711)	Bromacil, water, filtered, recover- able, μg/L (04029)	Bromo- methane, water, unfiltered, recover- able, μg/L (34413)	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49311)
07-27-2009	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06	< .4	< .12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor- amben methyl ester, water, filtered, recover- able, μg/L (61188)	Chlori- muron- ethyl, water, filtered, recover- able, μg/L (50306)	Chlorpyrifos oxygen analog, water, filtered, recoverable, μg/L (61636)	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)
07-27-2009	< .04	< .200	< .040	< .060	< .04	< .10	< .080	< .05	< .010

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	cis-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34704)	cis-Permethrin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82687)	cis-Propiconazole, water, filtered, recoverable, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49305)	Cyanazine, water, filtered, recoverable, μg/L (04041)	Cycloate, water, filtered, recoverable, μg/L (04031)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	Cypermethrin, water, filtered, recoverable, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)
07-27-2009	< .10	< .014	< .006	< .06	< .040	< .04	< .016	< .020	< .04	< .006

WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Desulfinyl-fipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfinyl-fipronil, water, filtered, recoverable, μg/L (62170)	Diazinon, water, filtered, recoverable, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38442)	Dichlorprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49302)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49301)
07-27-2009	< .029	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Di-phenamid, water, filtered, recoverable, μg/L (04033)	Disulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenami-phos sulfone, water, filtered, recoverable, μg/L (61645)
07-27-2009	< .04	< .01	< .04	< .04	< .022	< .002	< .02	< .012	< .016	< .053

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Fenami-phos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenami-phos, water, filtered, recoverable, μg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49297)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil sulfone, water, filtered, recoverable, μg/L (62168)	Fipronil, water, filtered, recoverable, μg/L (62166)	Flumetsulam, water, filtered, recoverable, μg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38811)	Fonofos, water, filtered, recoverable, μg/L (04095)	Glufosinate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62721)
07-27-2009	< .08	< .03	< .06	< .013	< .024	< .040	< .06	< .04	< .010	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Glyphosate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62722)	Hexazinone, water, filtered, recoverable, μg/L (04025)	Imazaquin, water, filtered, recoverable, μg/L (50356)	Imazethapyr, water, filtered, recoverable, μg/L (50407)	Imidacloprid, water, filtered, recoverable, μg/L (61695)	Iodometane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, μg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38478)
07-27-2009	< .02	< .008	< .06	< .06	< .060	< .80	< .014	< .006	< .010	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Malaoxon, water, filtered, recoverable, μg/L (61652)	Malathion, water, filtered, recoverable, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38487)	Metalaxyl, water, filtered, recoverable, μg/L (50359)	Metalaxyl, water, filtered, recoverable, μg/L (61596)	Methidathion, water, filtered, recoverable, μg/L (61598)	Methiocarb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49296)	Methyl paraxon, water, filtered, recoverable, μg/L (61664)
07-27-2009	< .080	< .020	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	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)	Molinate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82671)	Myclobutanil, water, filtered, recoverable, μg/L (61599)	N-(4-Chlorophenyl)-N'-methyl-urea, water, filtered, recoverable, μg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49294)	Nicosulfuron, water, filtered, recoverable, μg/L (50364)	Norflurazon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49292)
07-27-2009	< .008	< .014	< .016	< .002	< .010	< .06	< .02	< .10	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Oxamyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38866)	Oxyfluorfen, water, filtered, recoverable, μg/L (61600)	Pendimethalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82683)	Phorate, oxygen analog, water, filtered, recoverable, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82664)	Phosmet, oxygen analog, water, filtered, recoverable, μg/L (61668)	Phosmet, water, filtered, recoverable, μg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49291)	Prometon, water, filtered, recoverable, μg/L (04037)	Prometryn, water, filtered, recoverable, μg/L (04036)
07-27-2009	< .12	< .006	< .012	< .03	< .020	< .05	< .200	< .12	< .01	< .006

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WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49236)	Propiconazole, water, filtered, recoverable, μg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38538)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82676)	Siduron, water, filtered, recoverable, μg/L (38548)	Simazine, water, filtered, recoverable, μg/L (04035)	Sulfometuron-methyl, water, filtered, recoverable, μg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82670)
07-27-2009	< .014	< .02	< .040	< .04	< .060	< .004	< .04	E .006	< .060	< .02

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WATER-QUALITY DATA
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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Tefluthrin, water, filtered, recover- able, μg/L (61606)	Terbacil, water, filtered, recover- able, μg/L (04032)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82681)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	trans- Propicon- azole, water, filtered, recover- able, μg/L (79847)	Tribuphos, water, filtered, recover- able, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49235)
07-27-2009	< .010	< .040	< .04	< .02	< .01	< .016	< .10	< .02	< .035	< .08

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WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)
07-27-2009	< .012	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, μg/L (77170)	2-Chloro- toluene, water, unfiltered, recover- able, μg/L (77275)
07-27-2009	< .1	< .1	< .1	< 0.04	< .04	< .02	< .04	< .02	< .06	< .02

405017072495001 Local number S 74293. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	2-Ethyl- toluene, water, unfiltered, recover- able, µg/L (77220)	4-Chloro- toluene, water, unfiltered, recover- able, µg/L (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, µg/L (77356)	Acetone, water, unfiltered, recover- able, µg/L (81552)	Benzene, water, unfiltered, recover- able, µg/L (34030)	Bromo- benzene, water, unfiltered, recover- able, µg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, µg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, µg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, µg/L (50002)	Caffeine, water, filtered, recover- able, µg/L (50305)
07-27-2009	< .02	< .02	< .06	< 4	< .02	< .02	< .06	< .04	< .1	< .080

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Chloro- benzene, water, unfiltered, recover- able, µg/L (34301)	Chloro- ethane, water, unfiltered, recover- able, µg/L (34311)	Chloro- methane, water, unfiltered, recover- able, µg/L (34418)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (77093)	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)	Diisopropyl ether, water, unfiltered, recover- able, µg/L (81577)
07-27-2009	< .02	< .1	< .1	< .02	< .1	< .04	< .10	< 0.04	< .1	< .06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	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)	Hexa- chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	Hexa- chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Isopropyl- benzene, water, unfiltered, recover- able, µg/L (77223)	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)
07-27-2009	< .1	< 1.6	< .04	< .1	< .1	< .4	< .04	< .6	< .2	< .2

405017072495001 Local number S 74293. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 26 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Methyl tert-butyl ether, water, unfiltered, recover- able, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, μg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, μg/L (77342)	n-Propyl- benzene, water, unfiltered, recover- able, μg/L (77224)	o-Xylene, water, unfiltered, recover- able, μg/L (77135)	sec-Butyl- benzene, water, unfiltered, recover- able, μg/L (77350)	Styrene, water, unfiltered, recover- able, μg/L (77128)
07-27-2009	< .10	< .06	< .08	< .2	< .6	< .1	< .04	< .04	< .02	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 27 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	tert-Butyl ethyl ether, water, unfiltered, recover- able, μg/L (50004)	tert-Butyl- benzene, water, unfiltered, recover- able, μg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, μg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)	Toluene, water, unfiltered, recover- able, μg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)
07-27-2009	< .04	< .06	< .04	< .06	< 1	< .02	< .02	< .4	< .10	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 28 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; <, less than; E, estimated]

Date	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)	Uranium (natural), water, filtered, μg/L (22703)
07-27-2009	< .08	.13	< .1	< .01



Water-Data Report 2009

405030073180601 Local number S 65602. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'27.9", long 73°18'04.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Willshire Drive, 35 ft south of Renee Place, Commack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 96 ft. Upper casing diameter 2 in; top of first opening 91 ft, bottom of last opening 96 ft.

DATUM.--Land-surface datum is 146 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.19 ft below land-surface datum.

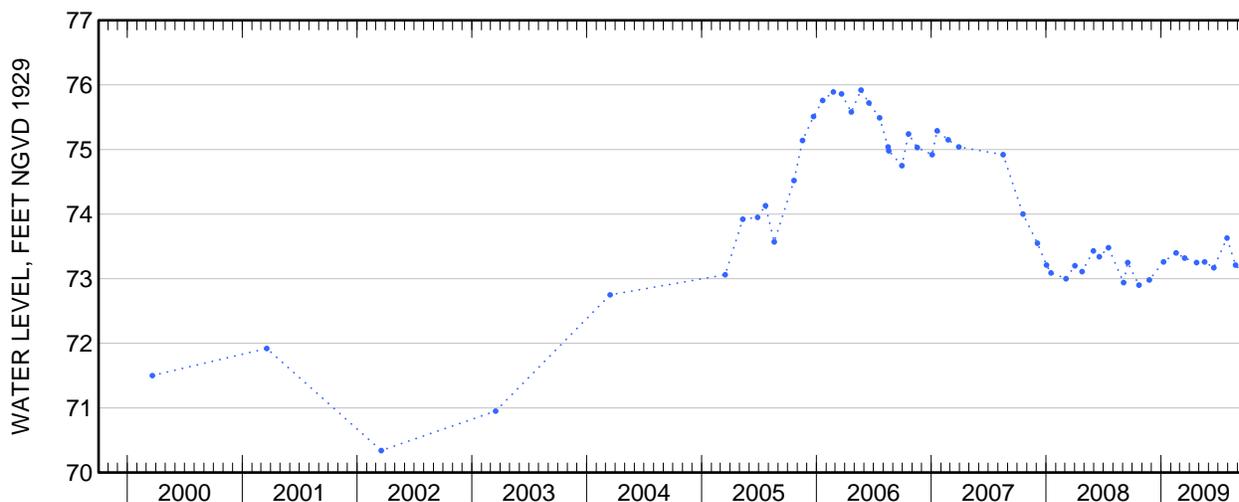
PERIOD OF RECORD.--September 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.41 ft above sea level, August 28, 1979; lowest measured, 69.31 ft above sea level, November 28, 1995.

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

Date	Water level	Date	Water level
Oct 22	72.90	May 19	73.26
Nov 24	72.98	Jun 17	73.17
Jan 8	73.26	Jul 29	73.63
Feb 17	73.40	Aug 25	73.21
Mar 16	73.32	Sep 30	73.04
Apr 23	73.25		





Water-Data Report 2009

405032073162802 Local number S 53360. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°50'34.0", long 73°16'16.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 672 ft. Upper casing diameter 20 in; top of first opening 549 ft, bottom of last opening 669 ft.

DATUM.--Land-surface datum is 141 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 3.10 ft below land-surface datum.

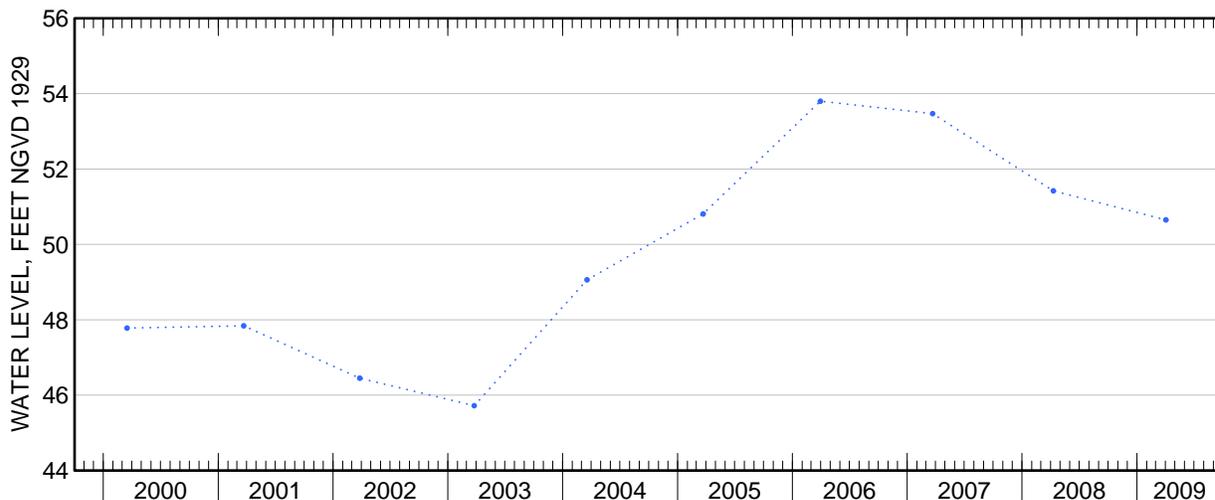
PERIOD OF RECORD.--May 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.81 ft above sea level, April 4, 1991; lowest measured, 45.72 ft above sea level, March 25, 2003.

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

Date	Water level
Apr 2	50.65





Water-Data Report 2009

405034073140401 Local number S 16881. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'34.9", long 73°14'02.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at east side of Old Willets Path, north of Bridge Branch Road, Commack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 47 ft. Upper casing diameter 2 in; top of first opening 45 ft, bottom of last opening 47 ft.

DATUM.--Land-surface datum is 58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft below land-surface datum.

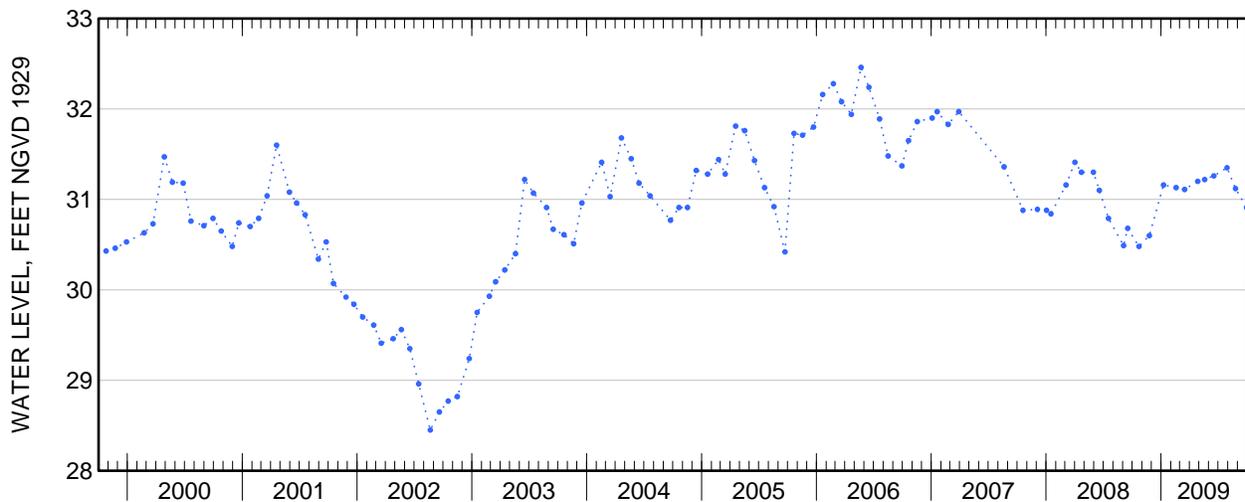
PERIOD OF RECORD.--July 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.05 ft above sea level, January 23, 1974; lowest measured, 28.45 ft above sea level, August 21, 2002.

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

Date	Water level	Date	Water level
Oct 22	30.48	May 19	31.22
Nov 24	30.60	Jun 17	31.26
Jan 8	31.16	Jul 29	31.35
Feb 17	31.13	Aug 25	31.12
Mar 16	31.11	Sep 29	30.91
Apr 27	31.20		





Water-Data Report 2009

405037072390301 Local number S 3543. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'37.9", long 72°39'00.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Stewart Avenue, 0.25 mi west of Old Riverhead Road, 226 ft north on dirt path, West Hampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 58 ft. Upper casing diameter 2 in; top of first opening 56 ft, bottom of last opening 58 ft.

DATUM.--Land-surface datum is 64.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft above land-surface datum.

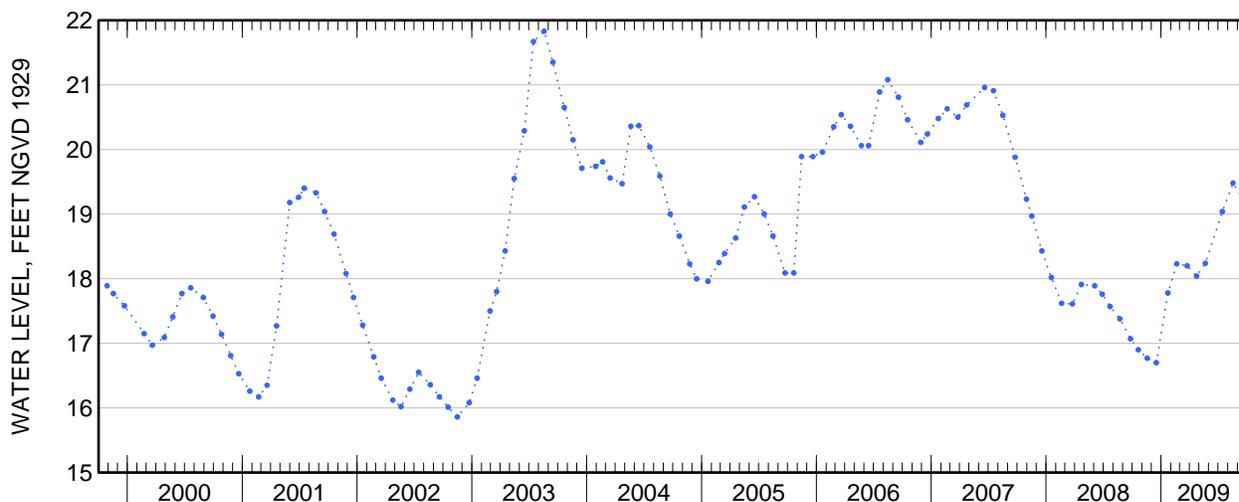
PERIOD OF RECORD.--March 1907 to December 1909, April 1942 to April 1943, and January 1947 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.53 ft above sea level, July 23, 1984; lowest measured, 14.94 ft above sea level, November 25, 1986.

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

Date	Water level	Date	Water level
Oct 20	16.90	Apr 23	18.04
Nov 17	16.77	May 21	18.24
Dec 16	16.70	Jul 14	19.04
Jan 22	17.78	Aug 17	19.48
Feb 19	18.23	Sep 25	19.16
Mar 24	18.20		





Water-Data Report 2009

405038072431102 Local number S 94487. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'32.5", long 72°43'07.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 273 ft. Upper casing diameter 4 in; top of first opening 265 ft, bottom of last opening 270 ft.

DATUM.--Land-surface datum is 46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.80 ft below land-surface datum.

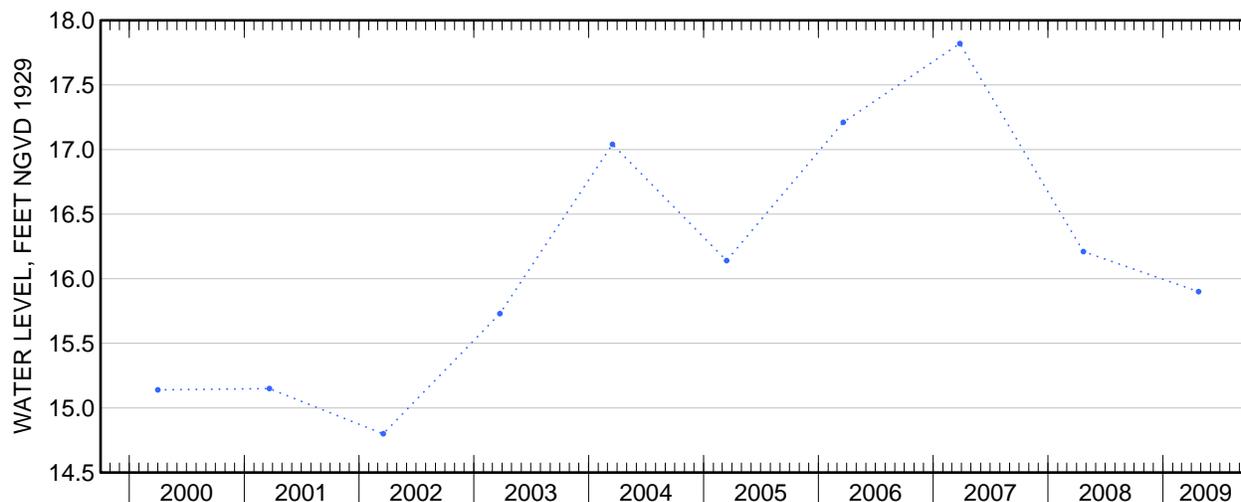
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.00 ft above sea level, March 22, 1990; lowest measured, 14.63 ft above sea level, March 22, 1995.

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

Date	Water level
Apr 23	15.90





Water-Data Report 2009

405038072431103 Local number S 94488. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°50'32.5", long 72°43'07.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 510 ft. Upper casing diameter 4 in; top of first opening 502 ft, bottom of last opening 507 ft.

DATUM.--Land-surface datum is 46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.89 ft below land-surface datum.

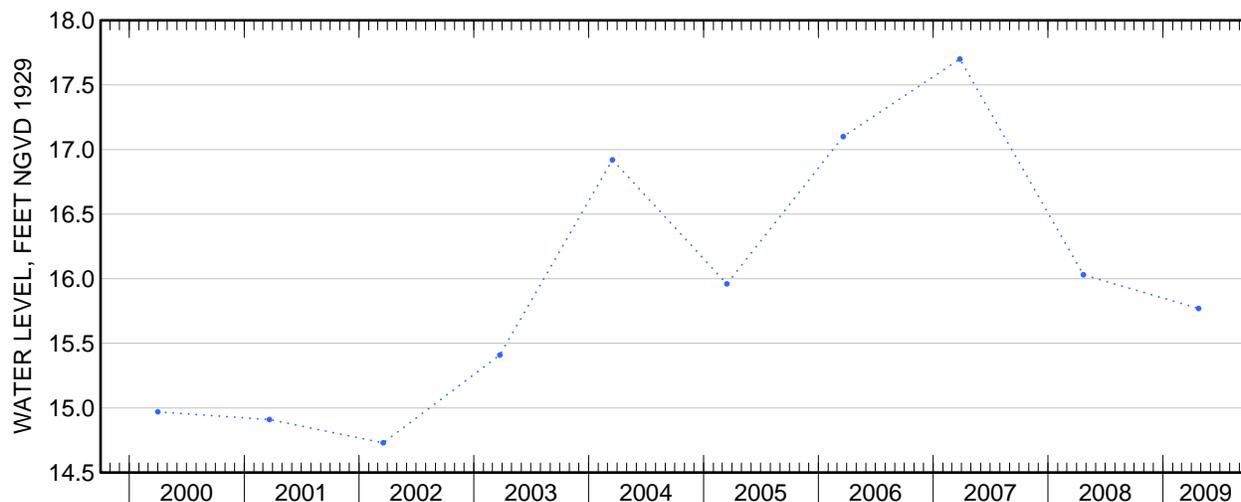
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.93 ft above sea level, March 22, 1990; lowest measured, 14.49 ft above sea level, March 18, 1996.

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

Date	Water level
Apr 23	15.77





Water-Data Report 2009

405038072431104 Local number S 94489. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°50'32.5", long 72°43'07.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 839 ft. Upper casing diameter 4 in; top of first opening 824 ft, bottom of last opening 834 ft.

DATUM.--Land-surface datum is 46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.70 ft below land-surface datum.

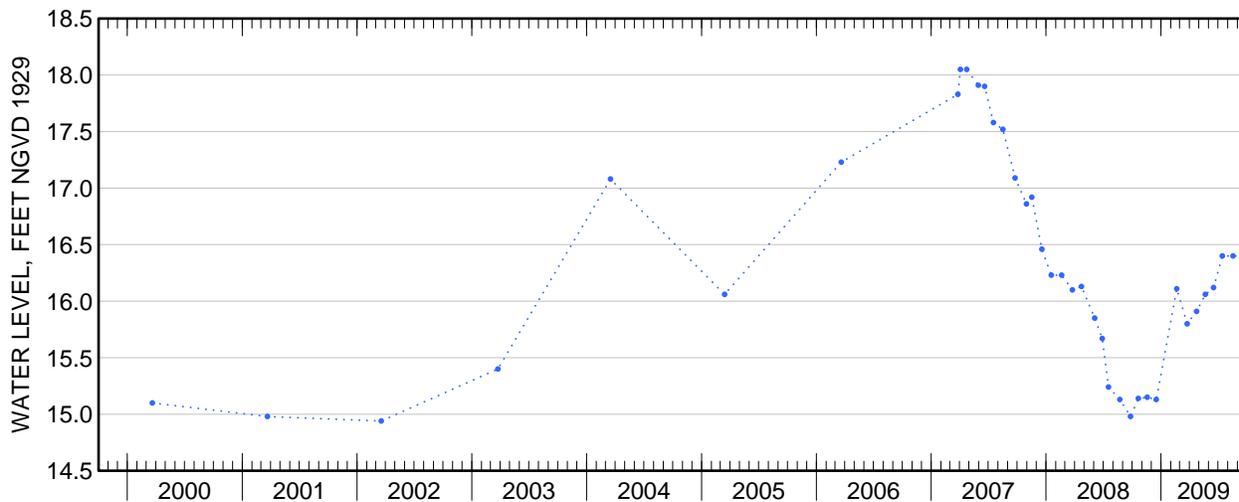
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.10 ft above sea level, March 22, 1990; lowest measured, 14.55 ft above sea level, March 18, 1996.

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

Date	Water level	Date	Water level
Oct 20	15.14	May 21	16.06
Nov 17	15.15	Jun 16	16.12
Dec 16	15.13	Jul 14	16.40
Feb 19	16.11	Aug 17	16.40
Mar 24	15.80	Sep 25	16.40
Apr 23	15.91		





Water-Data Report 2009

405040072414801 Local number S 34743. 1

Northern Atlantic Coastal Plain aquifer system
 Lloyd Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°50'40", long 72°41'48" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at north side of dirt road, 120 ft east of Speonk- Riverhead Road, 0.6 mi south of Sunrise Highway (State Route 27), northernmost well, Speonk.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,123 ft. Upper casing diameter 12 in; top of first opening 1,077 ft, bottom of last opening 1,117 ft.

DATUM.--Land-surface datum is 64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.29 ft above land-surface datum.

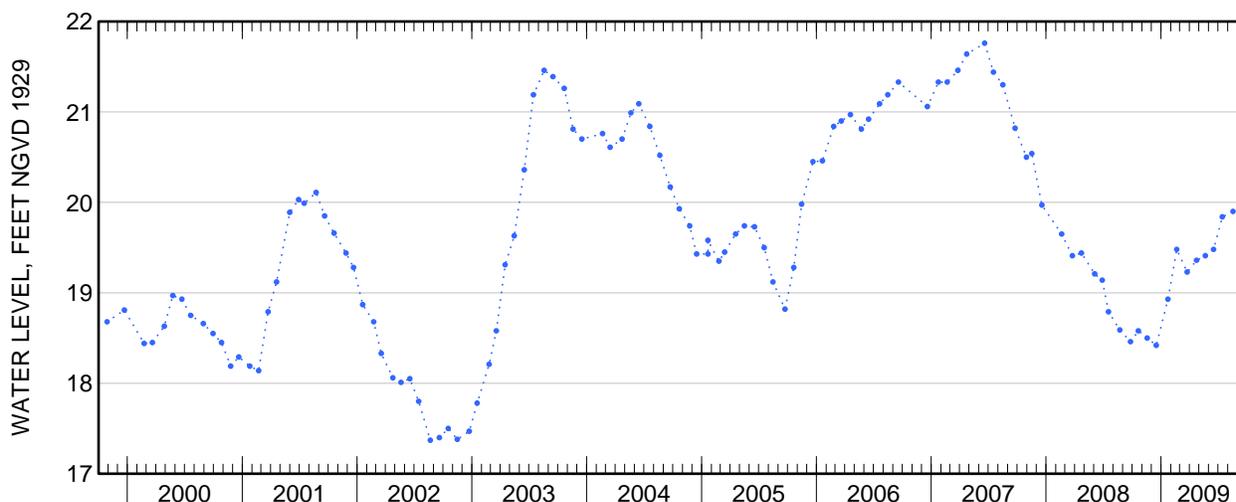
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.24 ft above sea level, April 2, 1979; lowest measured, 16.18 ft above sea level, March 18, 1982.

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

Date	Water level	Date	Water level
Oct 20	18.58	Apr 23	19.36
Nov 17	18.50	May 21	19.41
Dec 16	18.42	Jun 16	19.48
Jan 22	18.93	Jul 14	19.84
Feb 19	19.48	Aug 17	19.90
Mar 24	19.23	Sep 25	19.88





Water-Data Report 2009

405040073175801 Local number S 19057. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°50'40", long 73°17'58" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 681 ft. Upper casing diameter 12 in; top of first opening 604 ft, bottom of last opening 676 ft.

DATUM.--Land-surface datum is 150 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel vent pipe in southwest side of pump base, 2.50 ft above land-surface datum.

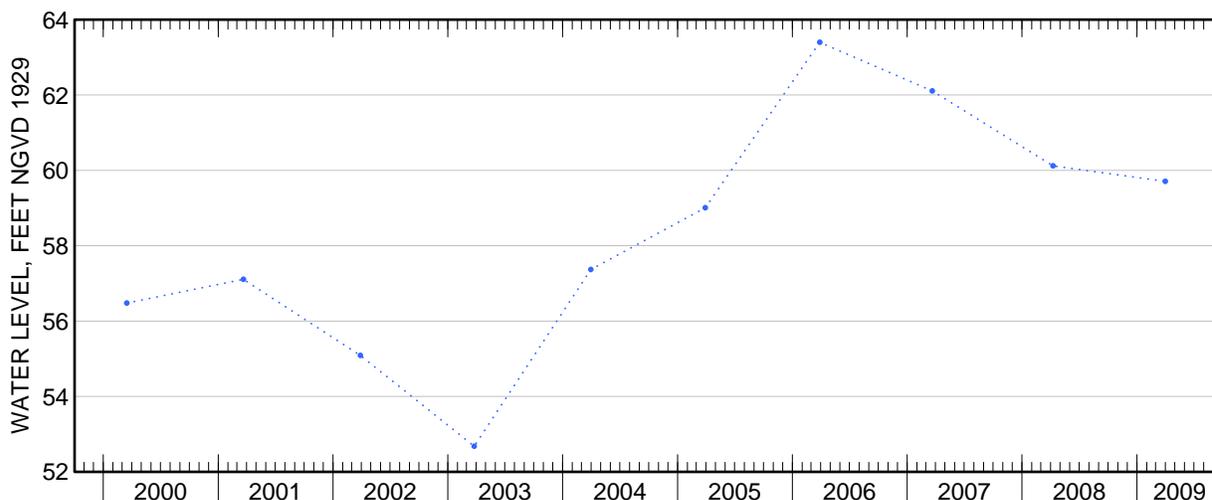
PERIOD OF RECORD.--April 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.40 ft above sea level, March 28, 2006; lowest measured, 48.06 ft above sea level, March 7, 1983.

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

Date	Water level
Mar 31	59.71





Water-Data Report 2009

405048073122801 Local number S 57488. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°50'46.9", long 73°12'27.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at north side of Brooksite Drive, 264 ft west of Cygnet Drive, Smithtown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20.4 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.36 ft below land-surface datum.

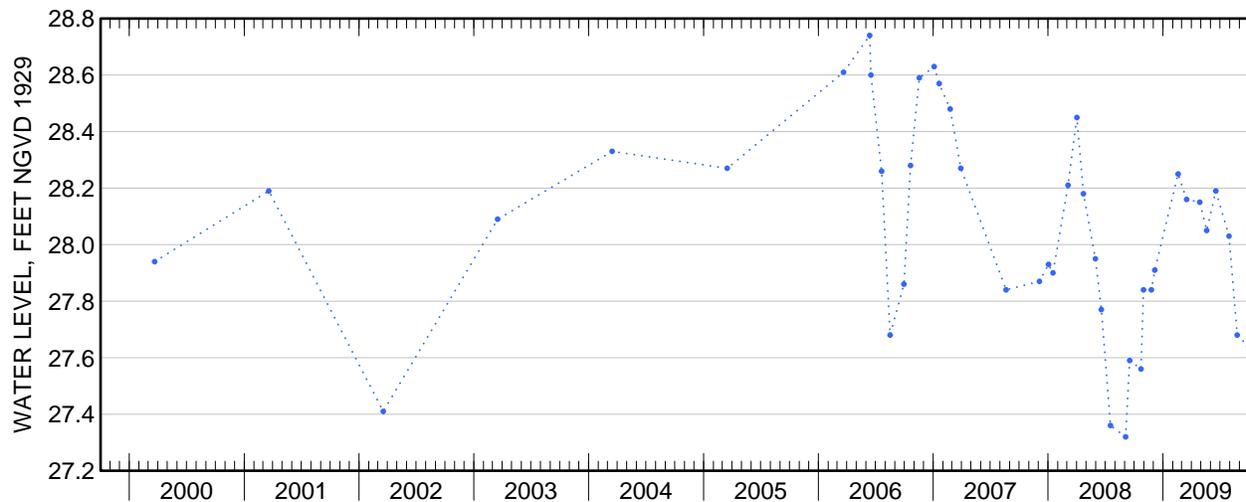
PERIOD OF RECORD.--December 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.13 ft above sea level, June 11, 1984; lowest measured, 26.93 ft above sea level, September 14, 1981.

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

Date	Water level	Date	Water level
Oct 22	27.56	Apr 27	28.15
30	27.84	May 19	28.05
Nov 24	27.84	Jun 17	28.19
Dec 5	27.91	Jul 29	28.03
Feb 17	28.25	Aug 24	27.68
Mar 16	28.16	Sep 29	27.64





Water-Data Report 2009

405059073085601 Local number S 50501. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'59.6", long 73°07'54.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 64 ft. Upper casing diameter 2 in; top of first opening 60 ft, bottom of last opening 64 ft.

DATUM.--Land-surface datum is 73.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.02 ft above land-surface datum.

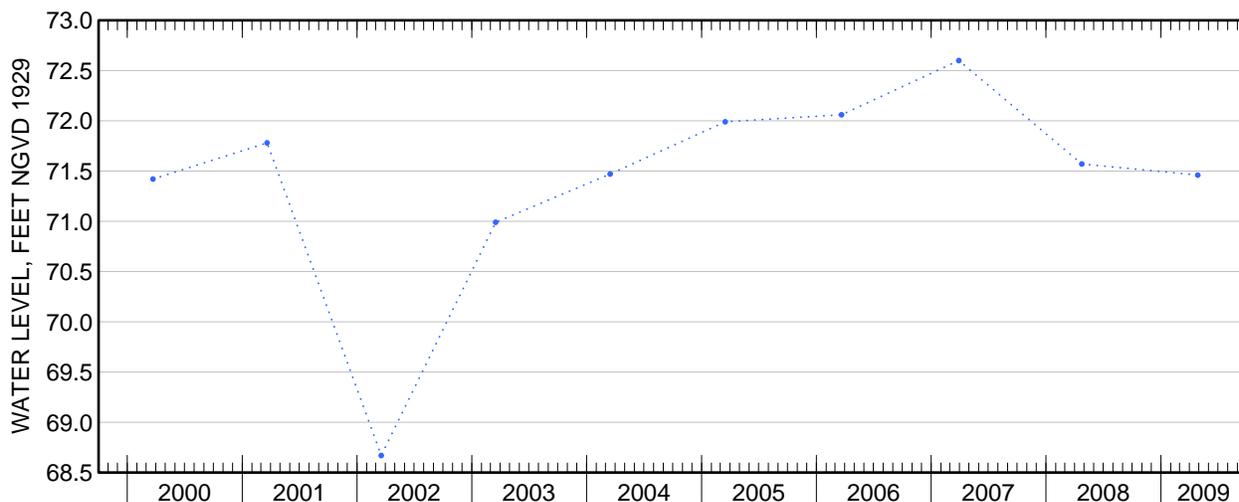
PERIOD OF RECORD.--April 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 74.06 ft above sea level, March 7, 1979; lowest measured, 68.67 ft above sea level, March 18, 2002.

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

Date	Water level
Apr 27	71.46





Water-Data Report 2009

405100073152601 Local number S 50513. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°51'02.7", long 73°15'30.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 61 ft. Upper casing diameter 2 in; top of first opening 57 ft, bottom of last opening 61 ft.

DATUM.--Land-surface datum is 93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.06 ft below land-surface datum.

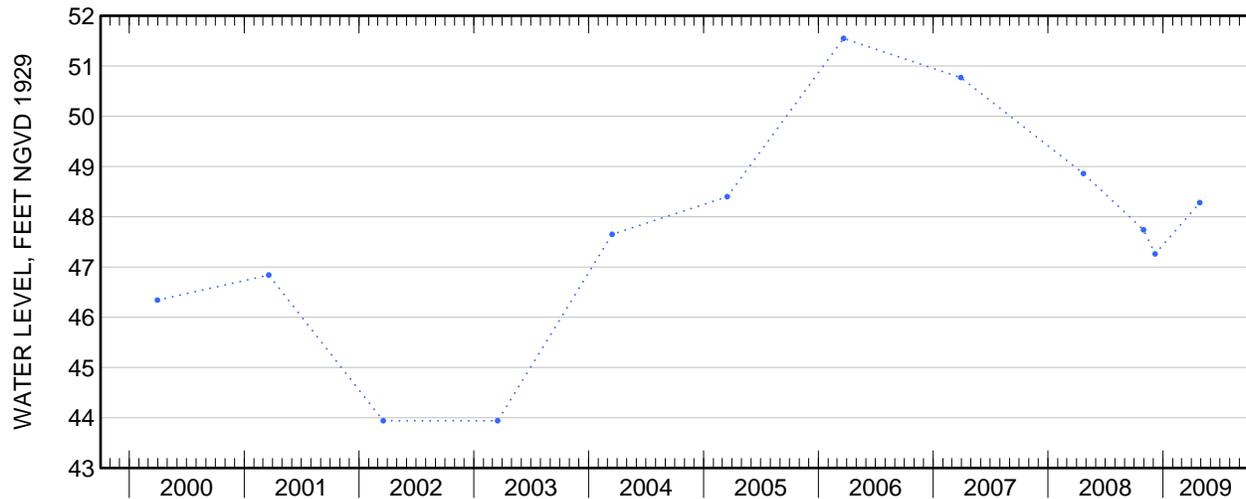
PERIOD OF RECORD.--April 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.13 ft above sea level, April 15, 1974; lowest measured, 43.69 ft above sea level, October 26, 1988.

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

Date	Water level	Date	Water level
Oct 30	47.74	Apr 27	48.28
Dec 6	47.26		





Water-Data Report 2009

405109072513001 Local number S 2485. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'09", long 72°51'30" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 8 in; top of first opening 65 ft, bottom of last opening 75 ft.

DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in pump base, 0.41 ft below land-surface datum.

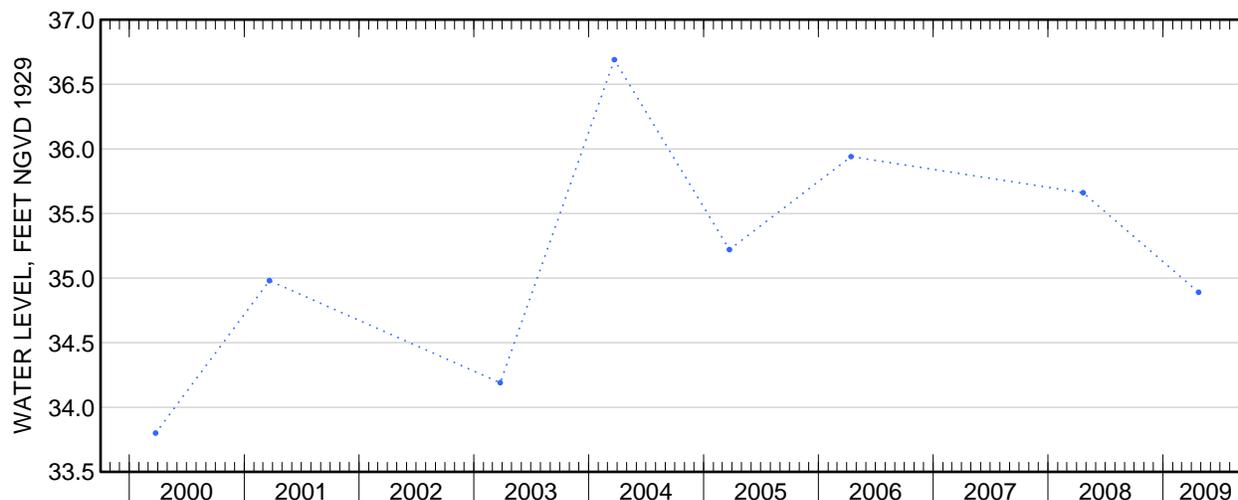
PERIOD OF RECORD.--July 1948 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.49 ft above sea level, March 28, 1979; lowest measured, 31.74 ft above sea level, October 28, 1966.

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

Date	Water level
Apr 23	34.89





Water-Data Report 2009

405120073085101 Local number S 50500. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'21.1", long 73°08'49.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 2 in; top of first opening 81 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 118 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.08 ft below land-surface datum.

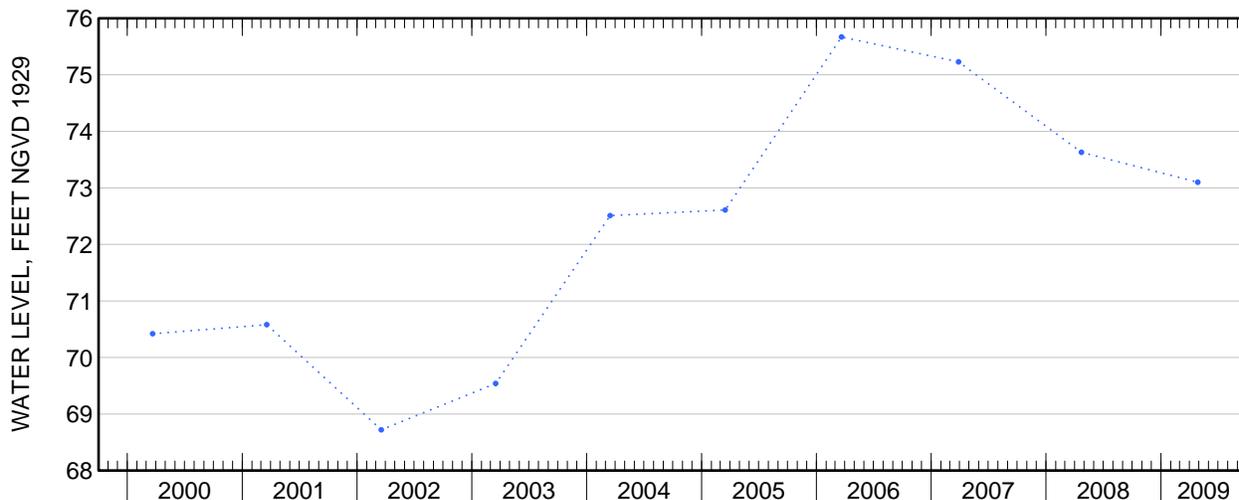
PERIOD OF RECORD.--April 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 75.67 ft above sea level, March 21, 2006; lowest measured, 67.33 ft above sea level, December 14, 1977.

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

Date	Water level
Apr 27	73.10





Water-Data Report 2009

405120073231801 Local number S 55049. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°51'23.5", long 73°23'16.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Pulaski Road, 350 ft east of Park Avenue, at Carillon Nursing Home, Huntington Station.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 190 ft. Upper casing diameter 6 in; top of first opening 175 ft, bottom of last opening 179 ft.

DATUM.--Land-surface datum is 207 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.98 ft above land-surface datum.

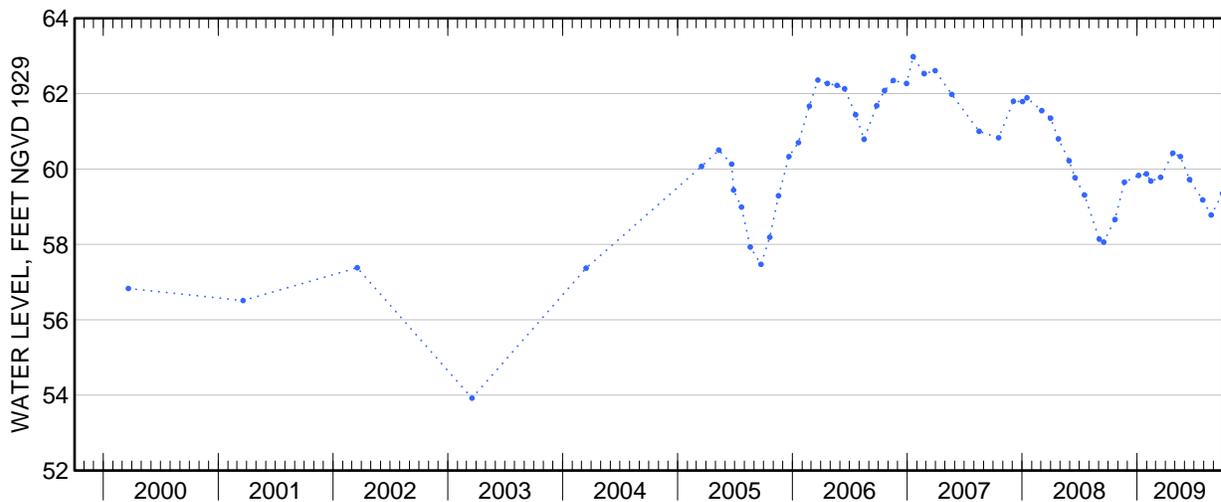
PERIOD OF RECORD.--June 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.98 ft above sea level, January 19, 2007; lowest measured, 53.83 ft above sea level, March 19, 1996.

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

Date	Water level	Date	Water level
Oct 22	58.66	Apr 24	60.42
Nov 21	59.65	May 18	60.33
Jan 5	59.83	Jun 16	59.72
30	59.87	Jul 28	59.18
Feb 13	59.68	Aug 24	58.78
Mar 16	59.78	Sep 29	59.35





Water-Data Report 2009

405121072415601 Local number S 3539. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'21", long 72°41'56" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 88 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.33 ft above land-surface datum.

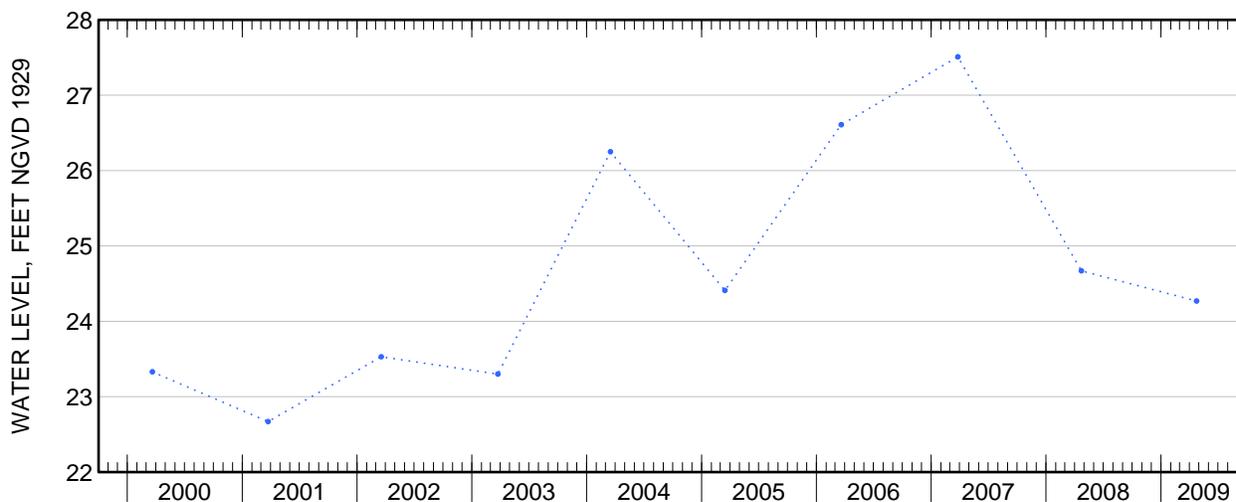
PERIOD OF RECORD.--April 1942 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.43 ft above sea level, January 24, 1977; lowest measured, 20.19 ft above sea level, December 29, 1982.

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

Date	Water level
Apr 23	24.27





Water-Data Report 2009

405123072533701 Local number S 54883. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°50'49.4", long 72°53'11.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 79.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.47 ft below land-surface datum.

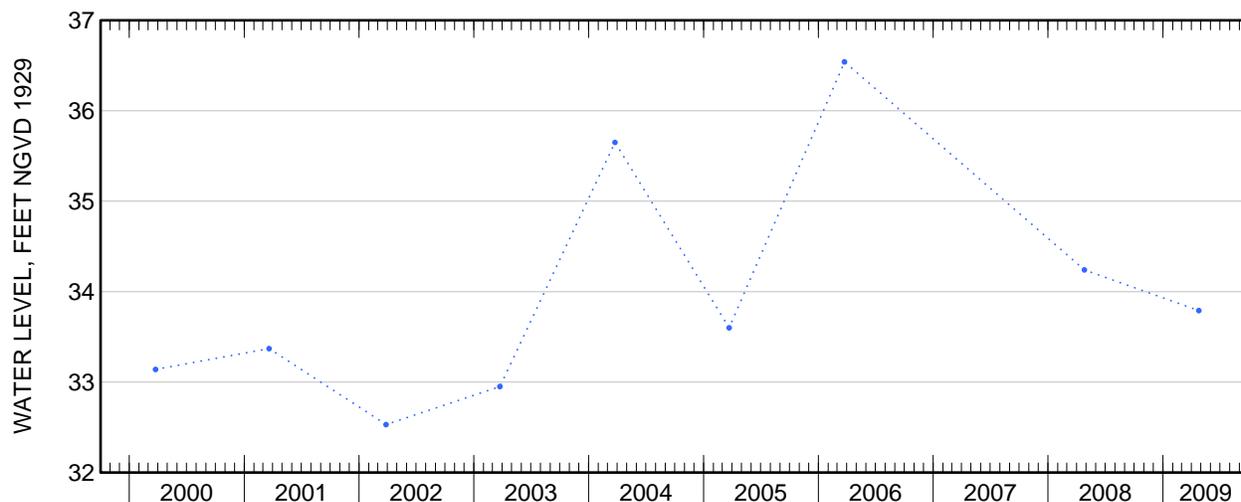
PERIOD OF RECORD.--October 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.12 ft above sea level, September 27, 1984; lowest measured, 31.29 ft above sea level, December 15, 1981.

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

Date	Water level
Apr 24	33.79





Water-Data Report 2009

405123073125101 Local number S 57484. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'23", long 73°12'51" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 19 ft. Upper casing diameter 2 in; top of first opening 15 ft, bottom of last opening 19 ft.

DATUM.--Land-surface datum is 15.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.47 ft below land-surface datum.

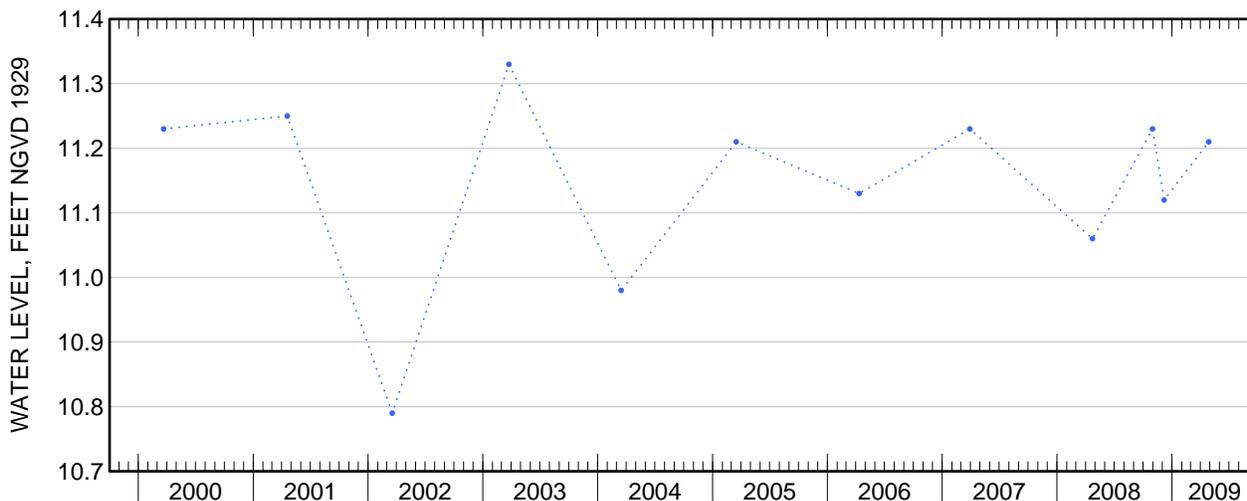
PERIOD OF RECORD.--November 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.51 ft above sea level, March 24, 1993; lowest measured, 10.05 ft above sea level, June 11, 1984.

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

Date	Water level	Date	Water level
Oct 30	11.23	Apr 27	11.21
Dec 6	11.12		





Water-Data Report 2009

405124072353701 Local number S 30230. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°51'24", long 72°35'37" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 825 ft. Upper casing diameter 2 in; top of first opening 805 ft, bottom of last opening 825 ft.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.15 ft above land-surface datum.

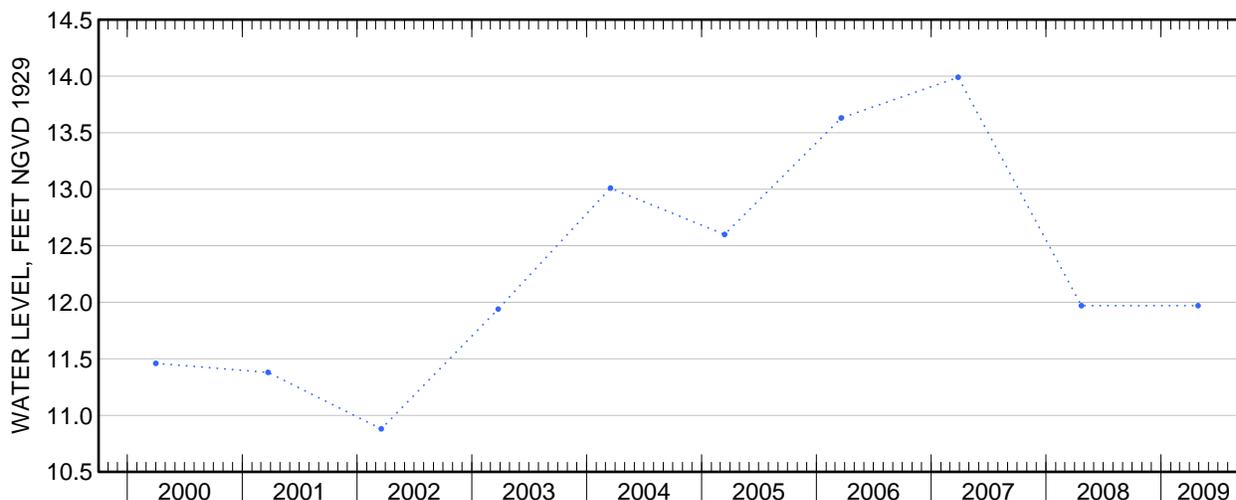
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.60 ft above sea level, March 30, 1978; lowest measured, 1.80 ft above sea level, June 24, 1981.

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

Date	Water level
Apr 28	11.97





Water-Data Report 2009

405124073111501 Local number S 40843. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°51'24.7", long 73°11'14.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at intersection of Nissequogue River Road and North Country Road (State Route 25A), just north of Middle Country Road (State Route 25), on grass island, Smithtown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 2 in; top of first opening 41 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.01 ft below land-surface datum.

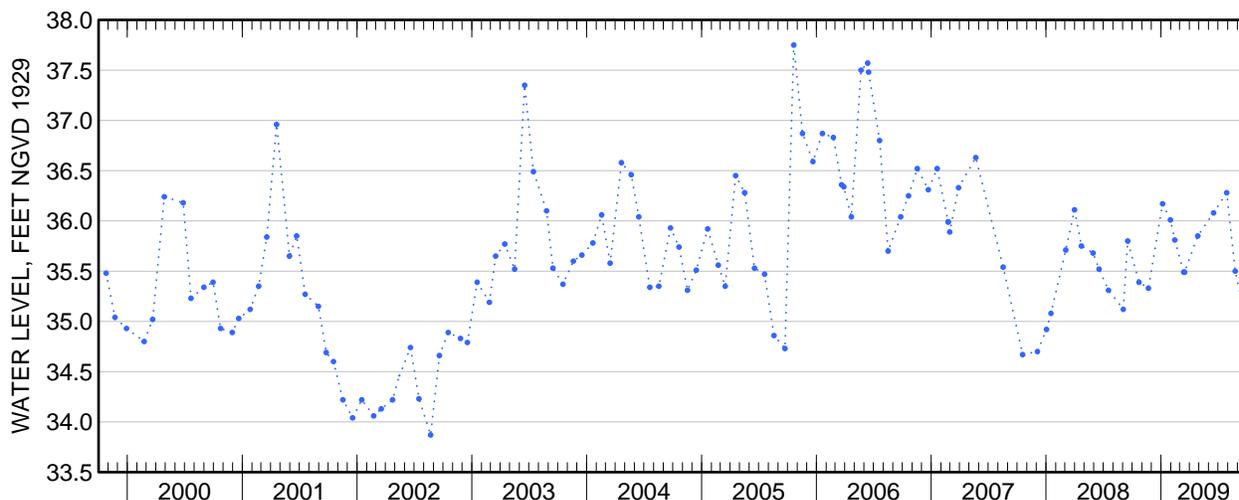
PERIOD OF RECORD.--July 1971 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.93 ft above sea level, March 27, 1979; lowest measured, 33.84 ft above sea level, July 9, 1971.

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

Date	Water level	Date	Water level
Oct 22	35.39	Mar 16	35.49
Nov 21	35.33	Apr 27	35.85
Jan 5	36.17	Jun 16	36.08
30	36.01	Jul 28	36.28
Feb 13	35.81	Aug 24	35.50
Mar 13	35.49	Sep 29	34.98





Water-Data Report 2009

405130072353101 Local number S 46537. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°51'29.7", long 72°35'31.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Lewis Road, 24 ft west of Spiny Road, East Quogue.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 2 in; top of first opening 46 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 56.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.21 ft below land-surface datum.

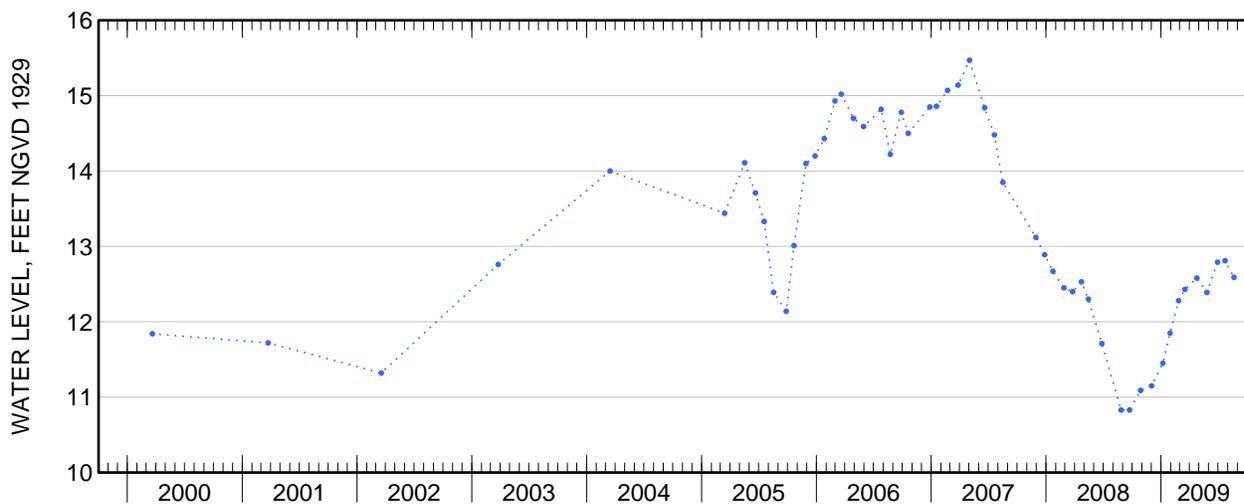
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.02 ft above sea level, July 2, 1980; lowest measured, 9.51 ft above sea level, December 18, 1981.

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

Date	Water level	Date	Water level
Oct 27	11.09	Apr 24	12.58
Dec 1	11.15	May 26	12.39
Jan 6	11.45	Jun 29	12.79
29	11.85	Jul 23	12.81
Feb 25	12.28	Aug 20	12.59
Mar 17	12.43		





Water-Data Report 2009

405131072455701 Local number S 46546. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'33.1", long 72°45'55.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 123 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 127 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.51 ft below land-surface datum.

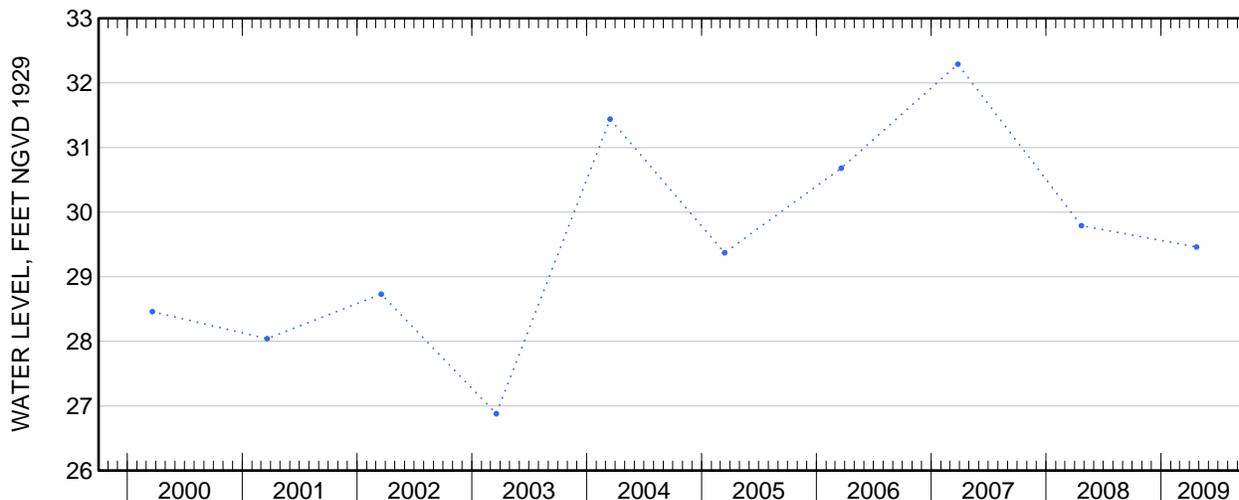
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.13 ft above sea level, June 28, 1979; lowest measured, 26.07 ft above sea level, December 4, 1986.

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

Date	Water level
Apr 23	29.46





Water-Data Report 2009

405132073181401 Local number S 45207. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'33.1", long 73°18'10.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 146 ft. Upper casing diameter 6 in; top of first opening 134 ft, bottom of last opening 144 ft.

DATUM.--Land-surface datum is 165 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.58 ft below land-surface datum.

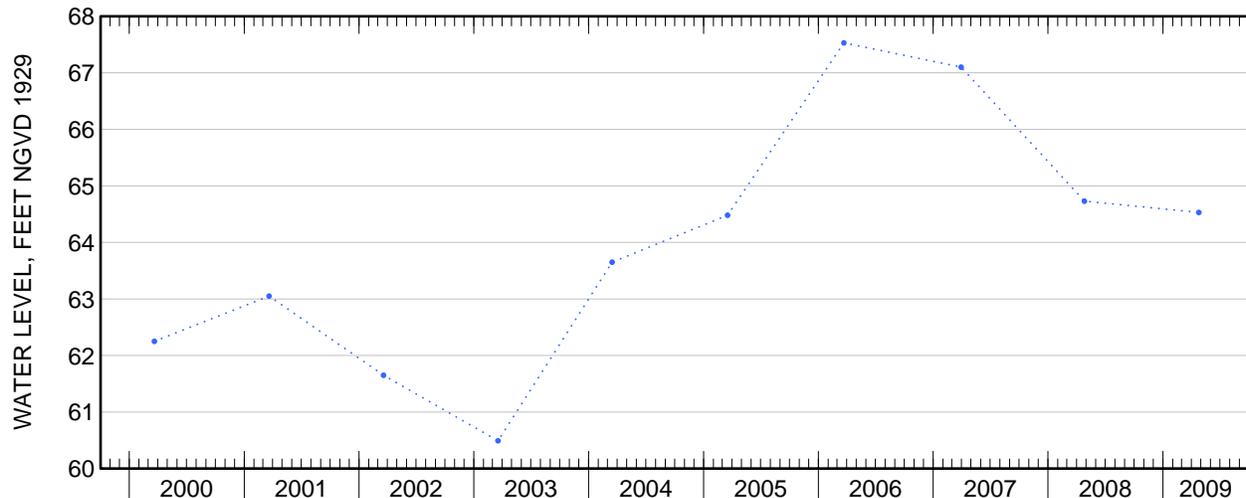
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 67.53 ft above sea level, March 22, 2006; lowest measured, 59.65 ft above sea level, March 19, 1996.

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

Date	Water level
Apr 24	64.53





Water-Data Report 2009

405139072432401 Local number S 46544. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°51'55.3", long 72°43'08.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of County Road 51 and service road entrance to recharge basin #33, Eastport.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 107 ft. Upper casing diameter 2 in; top of first opening 103 ft, bottom of last opening 107 ft.

DATUM.--Land-surface datum is 102.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.19 ft below land-surface datum.

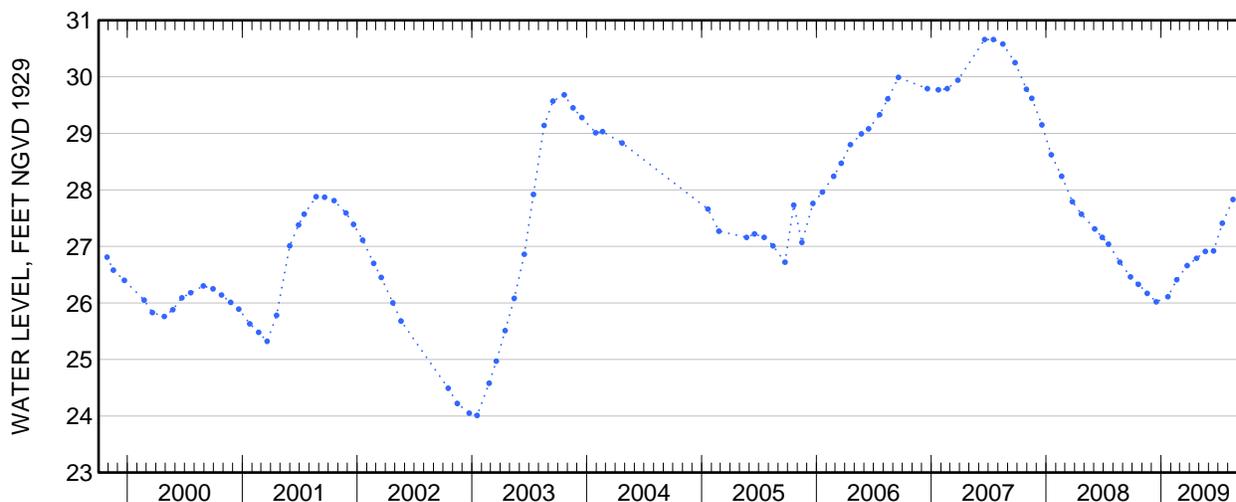
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.28 ft above sea level, June 28, 1979; lowest measured, 23.59 ft above sea level, January 18, 1996.

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

Date	Water level	Date	Water level
Oct 20	26.33	Apr 23	26.79
Nov 17	26.17	May 21	26.91
Dec 16	26.02	Jun 16	26.92
Jan 22	26.11	Jul 14	27.41
Feb 19	26.41	Aug 17	27.83
Mar 24	26.66	Sep 25	28.08





Water-Data Report 2009

405140073222101 Local number S 23998. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°51'40", long 73°22'21" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 601 ft. Upper casing diameter 20 in; top of first opening 525 ft, bottom of last opening 597 ft.

DATUM.--Land-surface datum is 220 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel vent pipe in pump base, 6.70 ft above land-surface datum.

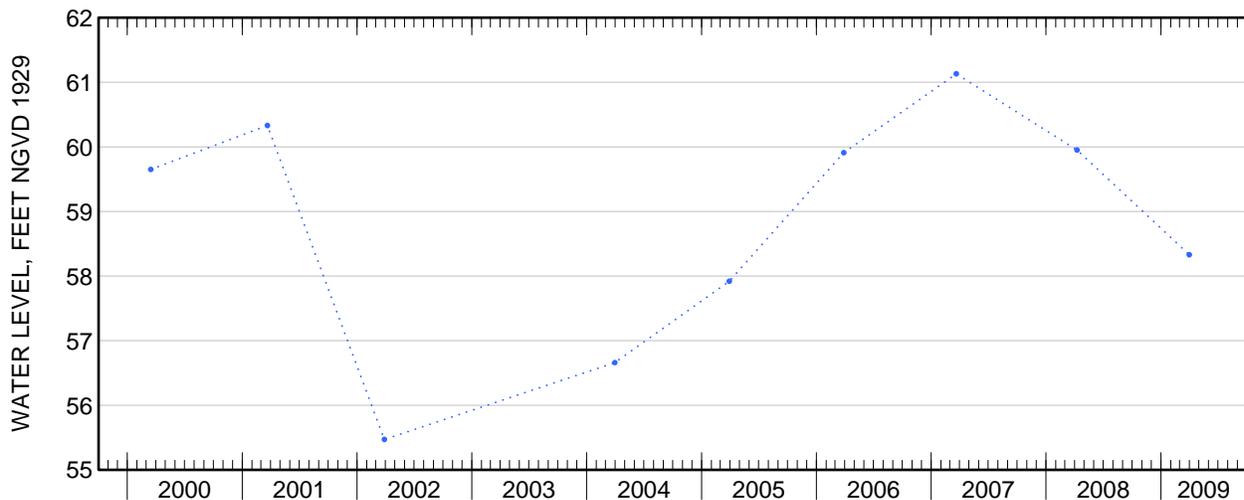
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.23 ft above sea level, April 5, 1991; lowest measured, 46.82 ft above sea level, March 16, 1989.

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

Date	Water level
Mar 31	58.33





Water-Data Report 2009

405145072592501 Local number S 3870. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'45.4", long 72°59'21.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Coram-Yapank Road, 115 ft west of Overton Road, Coram.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 43 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.11 ft above land-surface datum.

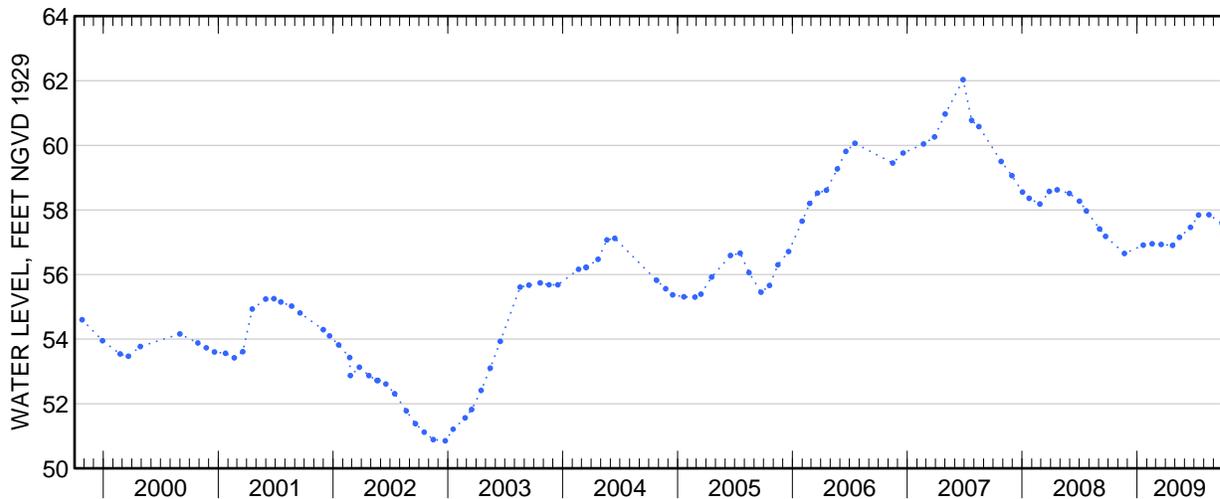
PERIOD OF RECORD.--January 1954 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.03 ft above sea level, June 27, 2007; lowest measured, 49.54 ft above sea level, October 26, 1966.

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

Date	Water level	Date	Water level
Nov 21	56.65	May 15	57.15
Jan 20	56.91	Jun 19	57.46
Feb 17	56.95	Jul 15	57.84
Mar 18	56.93	Aug 17	57.85
Apr 23	56.90	Sep 28	57.57





Water-Data Report 2009

405146073141001 Local number S 50512. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°51'50.7", long 73°14'12.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66 ft. Upper casing diameter 2 in; top of first opening 62 ft, bottom of last opening 66 ft.

DATUM.--Land-surface datum is 84.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.17 ft below land-surface datum.

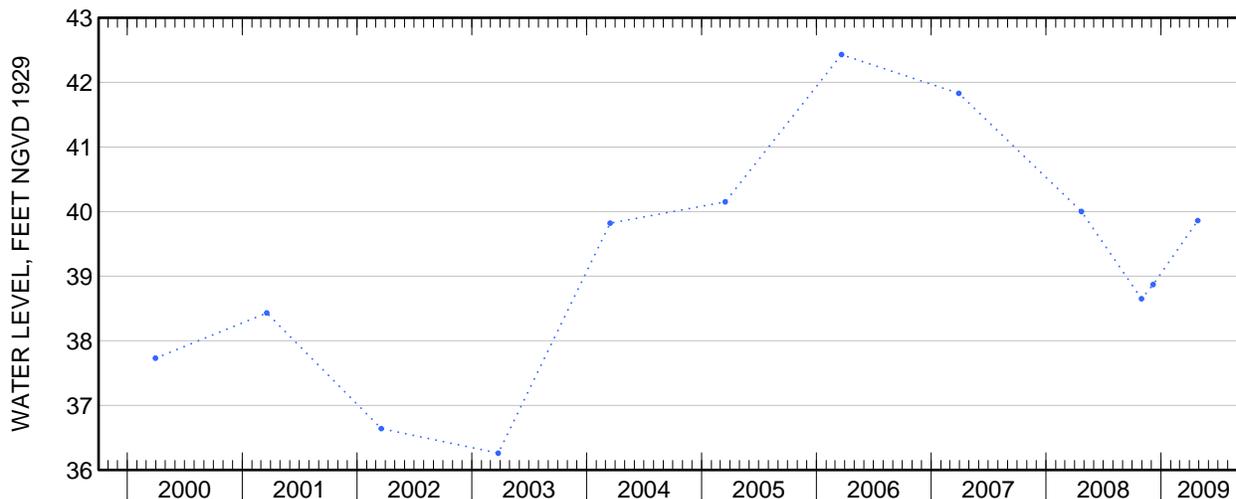
PERIOD OF RECORD.--December 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.43 ft above sea level, March 21, 2006; lowest measured, 35.55 ft above sea level, December 14, 1981.

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

Date	Water level	Date	Water level
Oct 30	38.65	Apr 27	39.86
Dec 6	38.87		





Water-Data Report 2009

405155073045203 Local number S 70488. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°51'58.0", long 73°04'46.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 440 ft. Upper casing diameter 12 in; top of first opening 344 ft, bottom of last opening 437 ft.

DATUM.--Land-surface datum is 95.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 9.29 ft below land-surface datum.

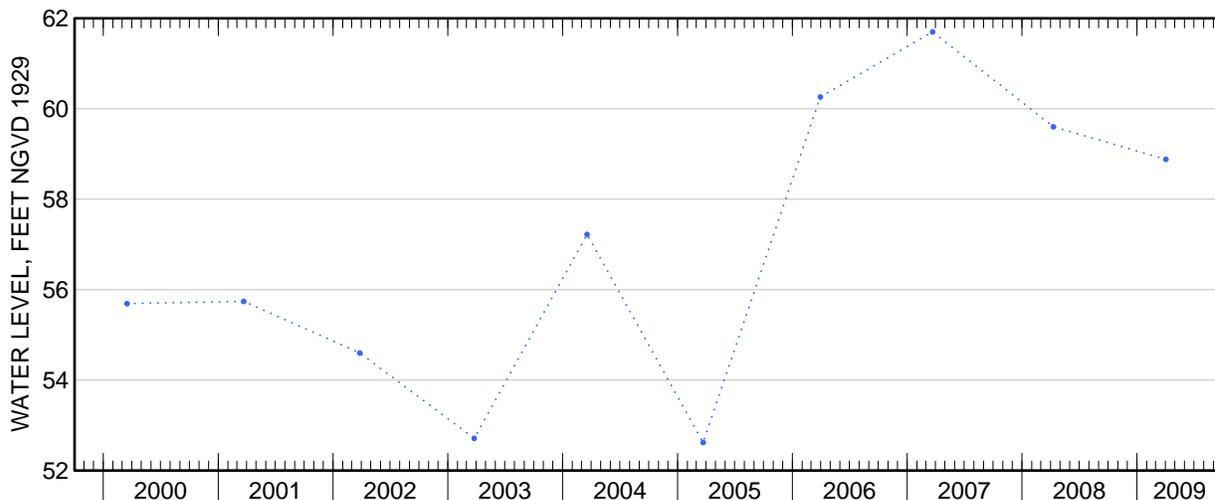
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.70 ft above sea level, March 22, 2007; lowest measured, 52.26 ft above sea level, April 30, 1996.

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

Date	Water level
Apr 2	58.88





Water-Data Report 2009

405200073082101 Local number S 65608. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'31.1", long 73°08'19.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 72 ft. Upper casing diameter 2 in; top of first opening 67 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 105 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft below land-surface datum.

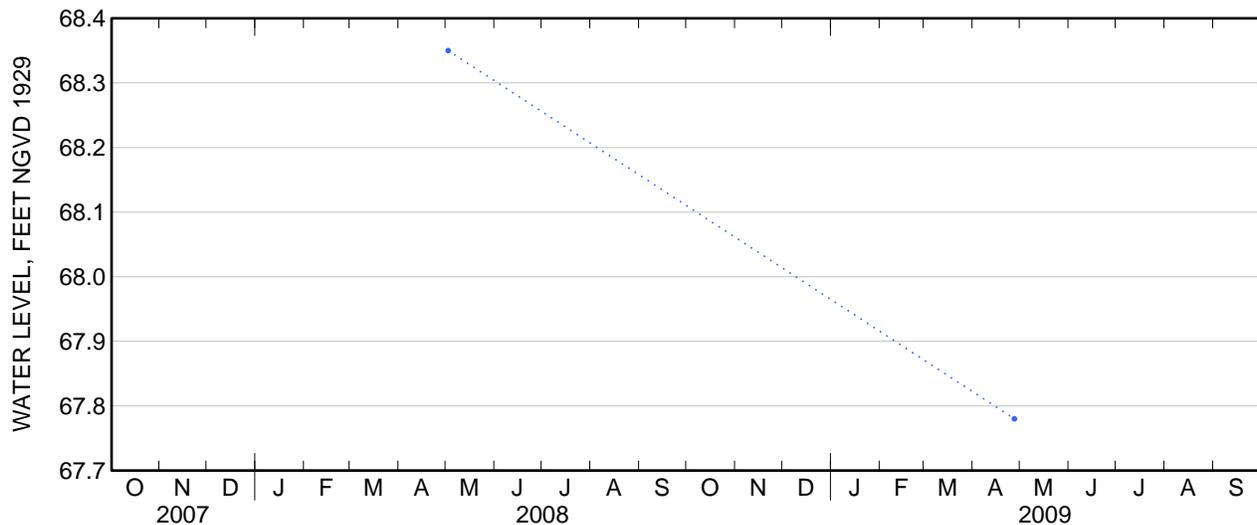
PERIOD OF RECORD.--September 1978 to September 1985, March 1987 to March 1992, March 1995 to March 2001, and May 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.32 ft above sea level, December 28, 1979; lowest measured, 63.06 ft above sea level, December 14, 1981.

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

Date	Water level
Apr 27	67.78





Water-Data Report 2009

405206073153002 Local number S 40842. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'06.1", long 73°15'29.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 63 ft. Upper casing diameter 2 in; top of first opening 60 ft, bottom of last opening 63 ft.

DATUM.--Land-surface datum is 91.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 8.78 ft above land-surface datum.

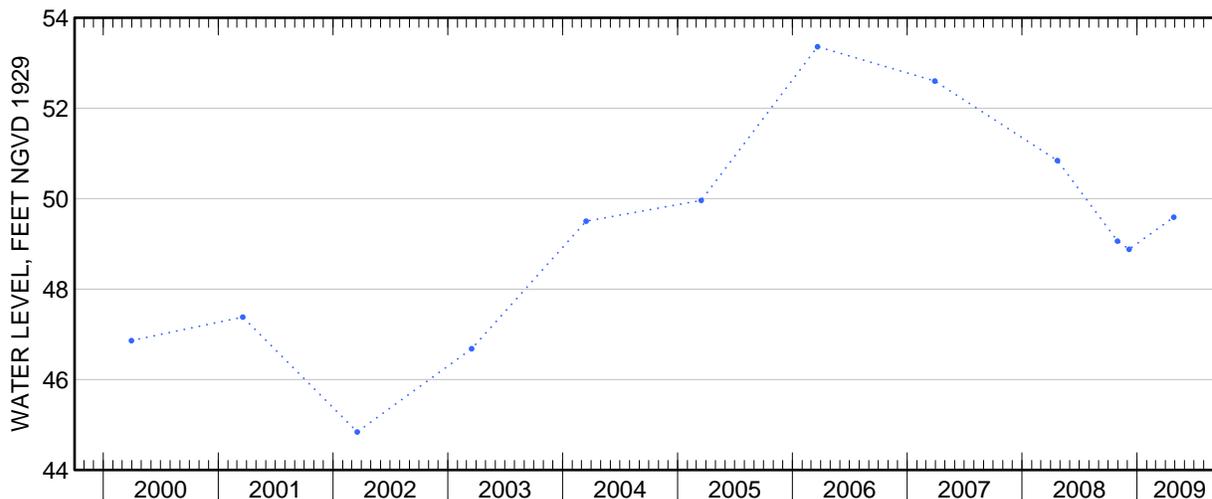
PERIOD OF RECORD.--December 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.48 ft above sea level, September 19, 1984; lowest measured, 37.89 ft above sea level, June 2, 1986.

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

Date	Water level	Date	Water level
Oct 30	49.06	Apr 27	49.59
Dec 6	48.88		





Water-Data Report 2009

405220072493101 Local number S 6441. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'20.1", long 72°49'29.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 32 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 49.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.44 ft below land-surface datum.

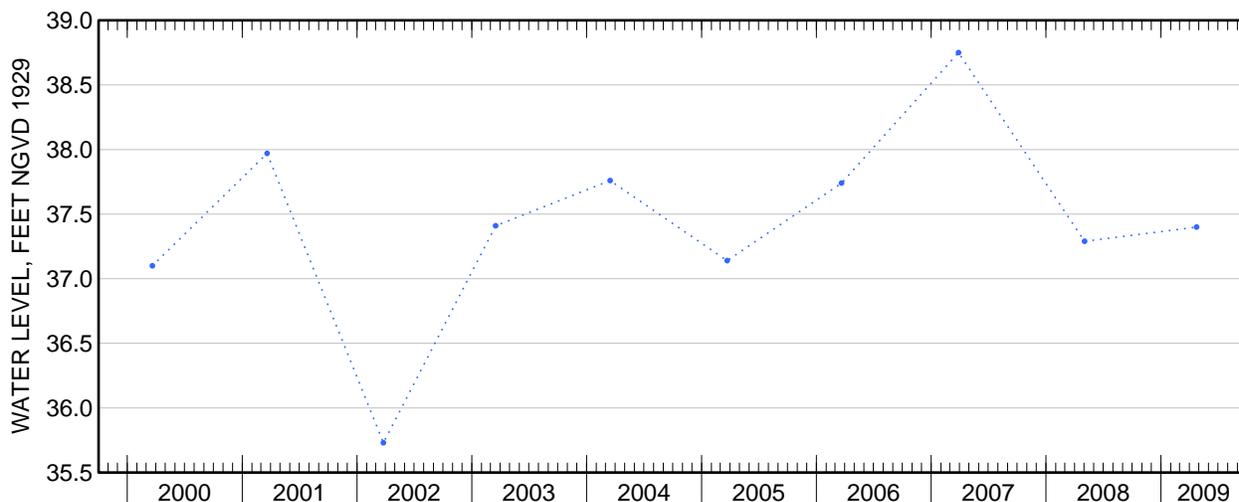
PERIOD OF RECORD.--February 1991 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.75 ft above sea level, March 28, 2007; lowest measured, 33.37 ft above sea level, September 28, 1995.

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

Date	Water level
Apr 23	37.40



Water-Data Report 2009

405222072523301 Local number S 6431. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°52'22.7", long 72°52'34.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Brookhaven National Laboratory, northwest corner of Thomson Road and Forth Avenue, Upton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 125 ft. Upper casing diameter 4 in; top of first opening 121 ft, bottom of last opening 125 ft.

DATUM.--Land-surface datum is 85 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.98 ft above land-surface datum.

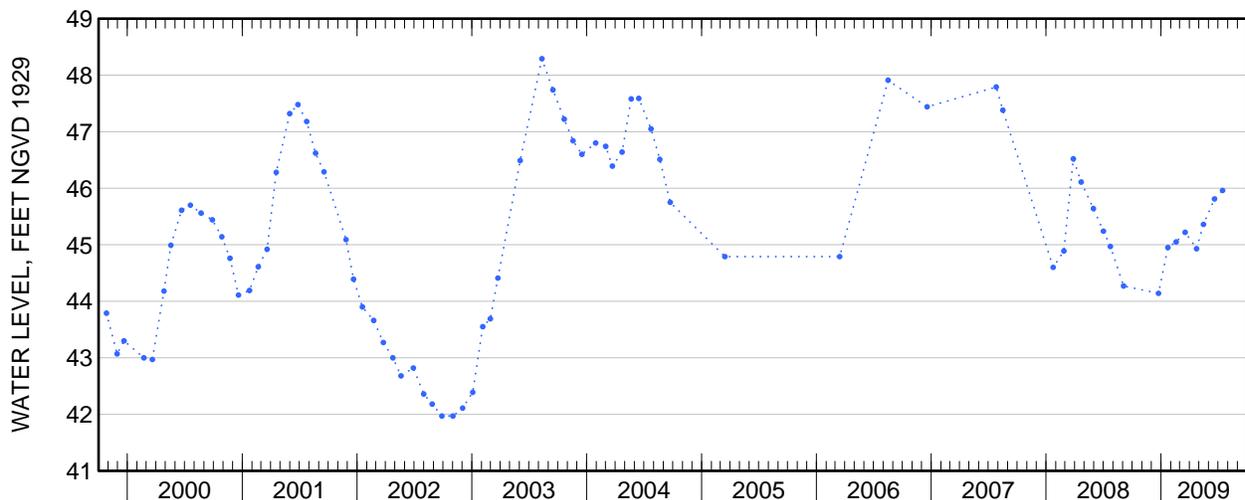
PERIOD OF RECORD.--January 1953 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.98 ft above sea level, April 12, 1979; lowest measured, 38.93 ft above sea level, January 25, 1996.

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

Date	Water level	Date	Water level
Dec 23	44.14	Apr 23	44.93
Jan 22	44.95	May 15	45.36
Feb 17	45.05	Jun 19	45.81
Mar 18	45.22	Jul 15	45.96





Water-Data Report 2009

405223072523401 Local number S 6434. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer
Suffolk County, NY

LOCATION.--Lat 40°52'22.2", long 72°52'32.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Brookhaven National Laboratory, northeast corner of Thomson Road and Forth Avenue, Upton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,395 ft. Upper casing diameter 10 in; top of first opening 1,312 ft, bottom of last opening 1,392 ft.

DATUM.--Land-surface datum is 85 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.58 ft above land-surface datum.

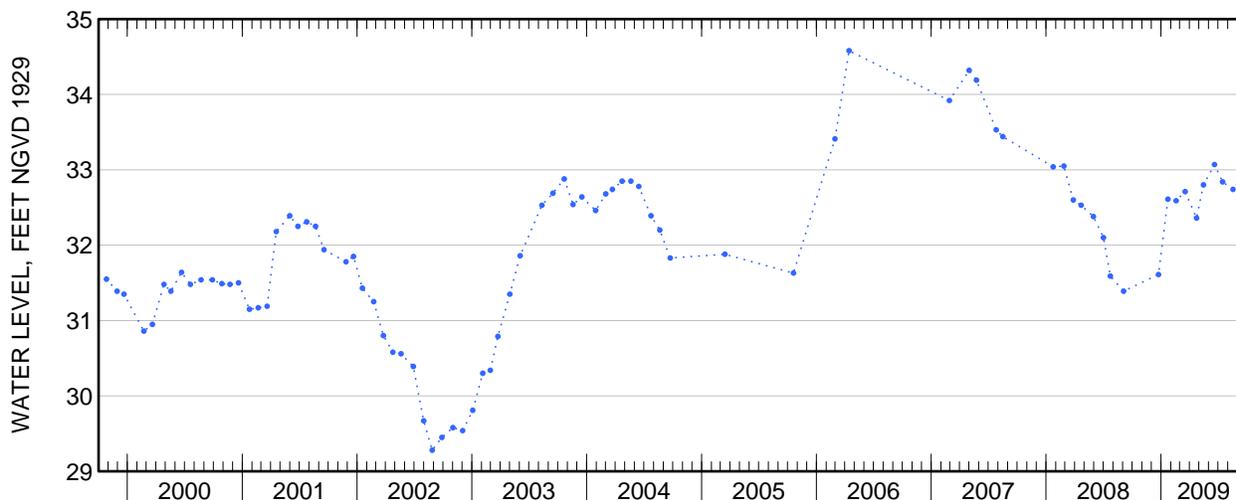
PERIOD OF RECORD.--August 1949 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.11 ft above sea level, July 12, 1979; lowest measured, 28.74 ft above sea level, March 1, 1967.

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

Date	Water level	Date	Water level
Dec 23	31.61	May 15	32.80
Jan 22	32.61	Jun 19	33.07
Feb 17	32.59	Jul 15	32.84
Mar 18	32.71	Aug 17	32.74
Apr 23	32.36	Sep 29	33.00





Water-Data Report 2009

405223073021301 Local number S 41050. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'23.1", long 73°02'11.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 8 in; top of first opening 67 ft, bottom of last opening 69 ft.

DATUM.--Land-surface datum is 89.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel reducer, 0.78 ft above land-surface datum.

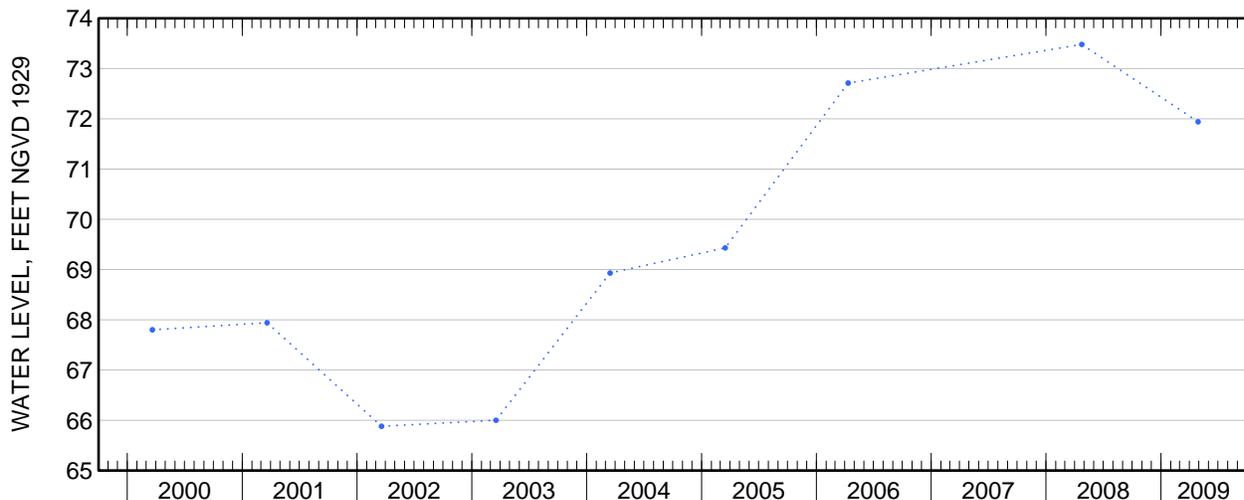
PERIOD OF RECORD.--February 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 75.18 ft above sea level, April 10, 1979; lowest measured, 60.29 ft above sea level, July 11, 1972.

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

Date	Water level
Apr 28	71.94





Water-Data Report 2009

405230072341901 Local number S 46534. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'32.5", long 72°34'18.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 84 ft. Upper casing diameter 2 in; top of first opening 81 ft, bottom of last opening 84 ft.

DATUM.--Land-surface datum is 82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.70 ft above land-surface datum.

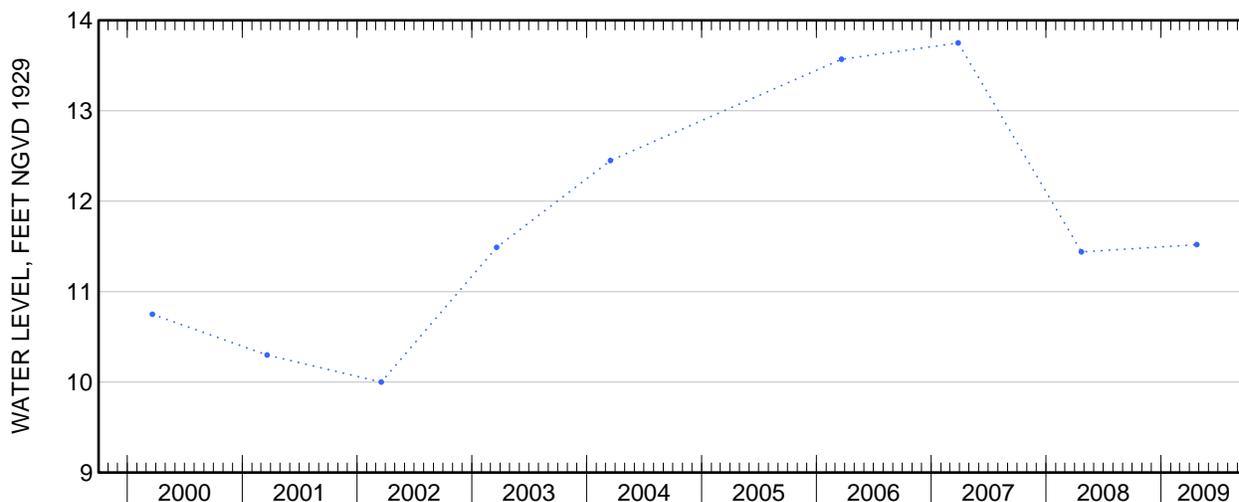
PERIOD OF RECORD.--January 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.69 ft above sea level, April 4, 1979; lowest measured, 9.28 ft above sea level, December 16, 1981.

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

Date	Water level
Apr 24	11.52





Water-Data Report 2009

405230073164400 Local number S 46965. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°52'30.9", long 73°16'42.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at northeast corner of Old Northport Road and Old Commack Road, Kings Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 152 ft. Upper casing diameter 6 in; top of first opening 138 ft, bottom of last opening 148 ft.

DATUM.--Land-surface datum is 166 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.34 ft below land-surface datum.

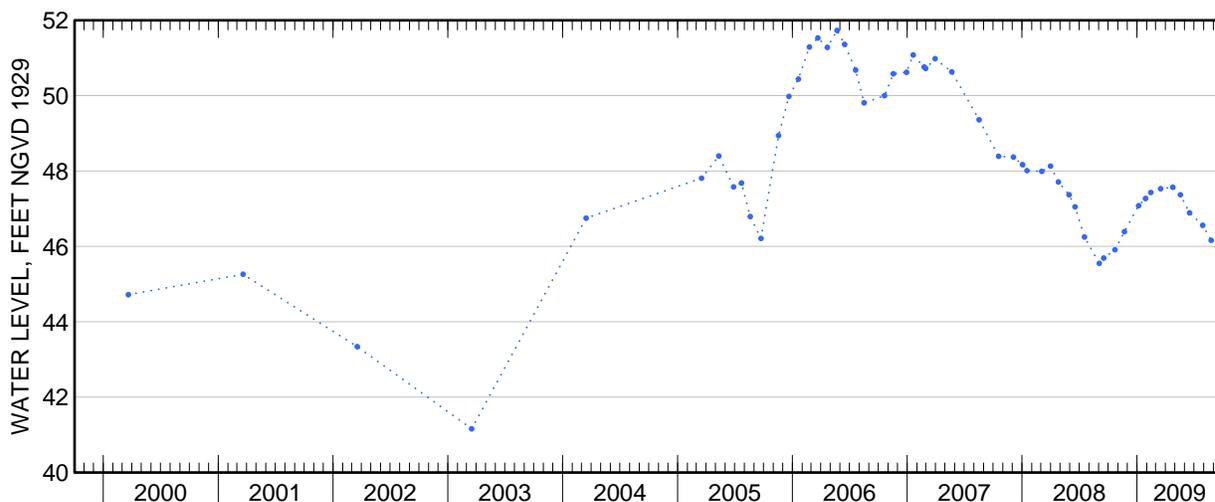
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.73 ft above sea level, May 22, 2006; lowest measured, 41.16 ft above sea level, March 17, 2003.

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

Date	Water level	Date	Water level
Oct 22	45.91	Apr 24	47.57
Nov 21	46.39	May 18	47.37
Jan 5	47.08	Jun 16	46.89
27	47.27	Jul 28	46.56
Feb 13	47.43	Aug 24	46.16
Mar 16	47.53	Sep 29	46.22





Water-Data Report 2009

405230073212101 Local number S 46517. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°52'30.7", long 73°21'20.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at southeast corner of Stony Hollow Road and Maple Road, Huntington.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66 ft. Upper casing diameter 2 in; top of first opening 63 ft, bottom of last opening 66 ft.

DATUM.--Land-surface datum is 123.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft above land-surface datum.

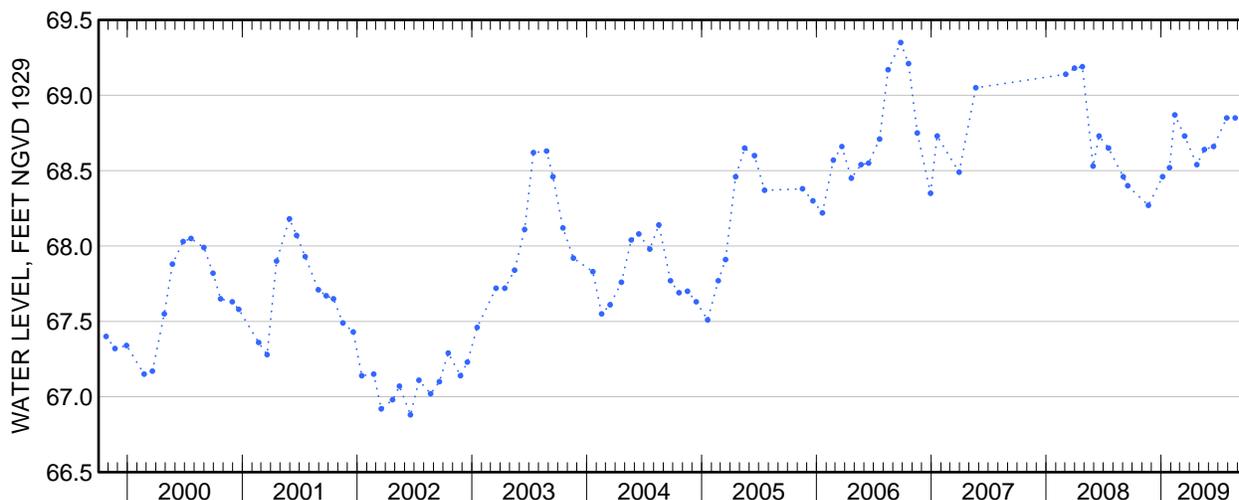
PERIOD OF RECORD.--September 1979 to current year. Unpublished records from September 1979 to September 1982 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.61 ft above sea level, June 11, 1984; lowest measured, 66.87 ft above sea level, August 23, 1988.

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

Date	Water level	Date	Water level
Nov 21	68.27	May 18	68.64
Jan 5	68.46	Jun 16	68.66
27	68.52	Jul 28	68.85
Feb 13	68.87	Aug 24	68.85
Mar 16	68.73	Sep 29	68.83
Apr 24	68.54		





Water-Data Report 2009

405231073250500 Local number S 46281. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°52'37.6", long 73°25'03.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at north side of Kathy Lane, south of Fort Salonga Road, Northport.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 51 ft. Upper casing diameter 6 in; top of first opening 38 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.44 ft below land-surface datum.

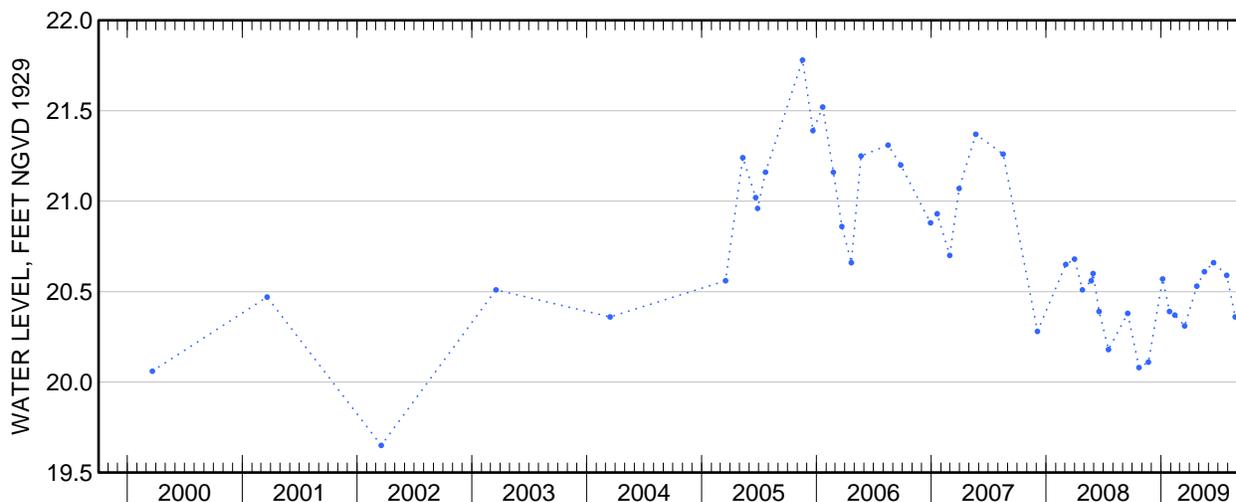
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.78 ft above sea level, November 17, 2005; lowest measured, 19.62 ft above sea level, April 10, 1975.

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

Date	Water level	Date	Water level
Oct 22	20.08	Apr 24	20.53
Nov 21	20.11	May 18	20.61
Jan 5	20.57	Jun 16	20.66
27	20.39	Jul 28	20.59
Feb 13	20.37	Aug 24	20.36
Mar 16	20.31		





Water-Data Report 2009

405245072573702 Local number S 66506. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'46.5", long 72°57'34.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 63 ft. Upper casing diameter 4 in; top of first opening 55 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft below land-surface datum.

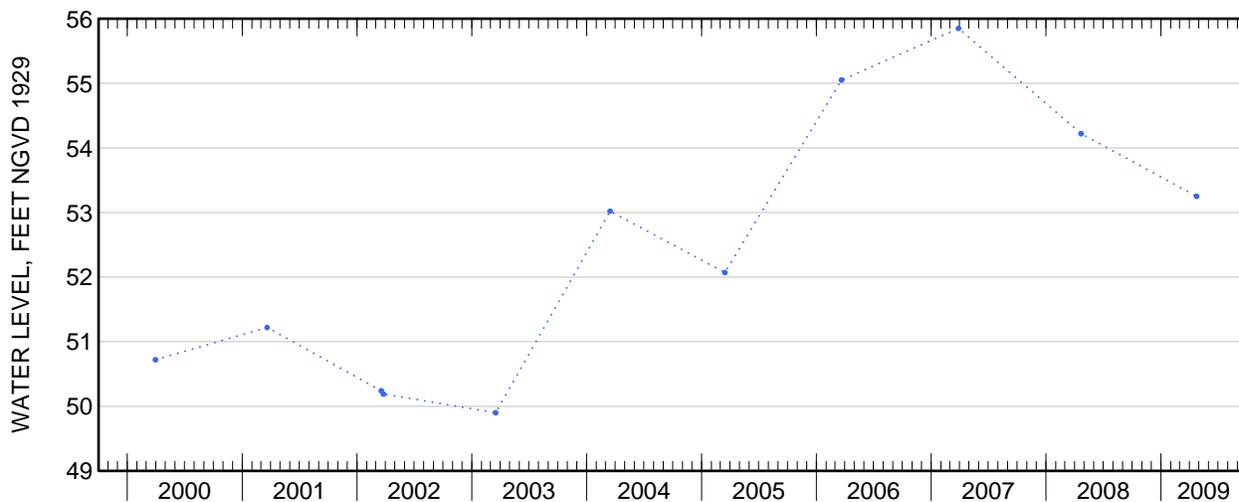
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.72 ft above sea level, April 17, 1979; lowest measured, 48.63 ft above sea level, March 12, 1996.

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

Date	Water level
Apr 23	53.25





Water-Data Report 2009

405246073142801 Local number S 34460. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°52'50", long 73°14'29" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 599 ft. Upper casing diameter 18 in; top of first opening 531 ft, bottom of last opening 596 ft.

DATUM.--Land-surface datum is 153 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 3.79 ft below land-surface datum.

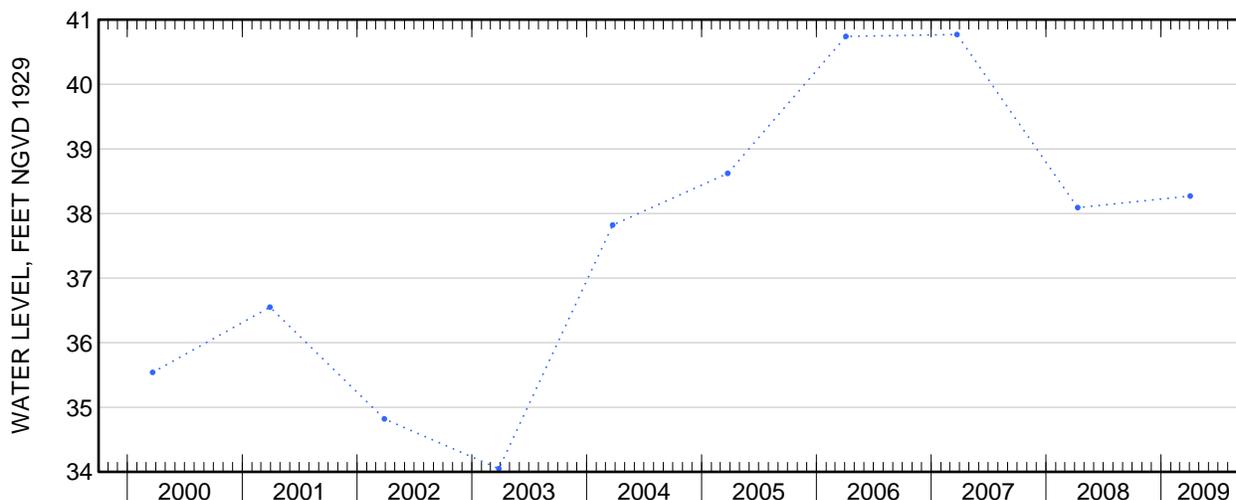
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.77 ft above sea level, March 23, 2007; lowest measured, 9.36 ft above sea level, March 17, 1983.

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

Date	Water level
Apr 3	38.27





Water-Data Report 2009

405250073180801 Local number S 15622. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°52'51.2", long 73°18'06.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at north side of Pulaski Road, 17 ft east of Rowena Lane, Northport.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 458 ft. Upper casing diameter 10 in; top of first opening 437 ft, bottom of last opening 457 ft.

DATUM.--Land-surface datum is 205 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in steel plate, 0.19 ft below land-surface datum.

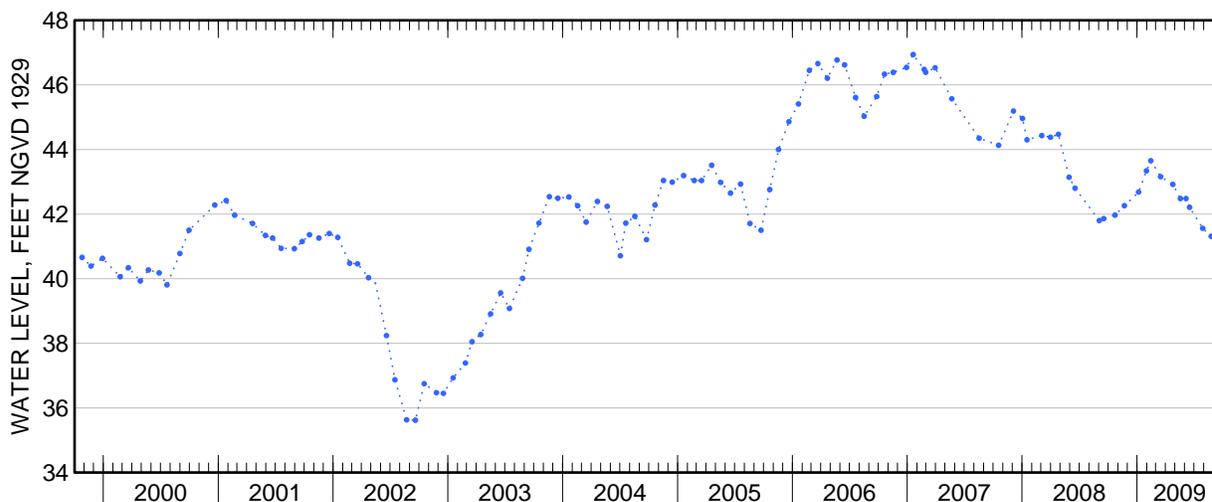
PERIOD OF RECORD.--January 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.09 ft above sea level, January 7, 1980; lowest measured, 34.33 ft above sea level, April 14, 1969.

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

Date	Water level	Date	Water level
Oct 22	41.97	Apr 24	42.92
Nov 21	42.26	May 18	42.48
Jan 5	42.68	Jun 5	42.48
30	43.34	16	42.21
Feb 13	43.65	Jul 28	41.56
Mar 16	43.16	Aug 24	41.31





Water-Data Report 2009

405255073044301 Local number S 67564. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°52'56.1", long 73°04'40.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 103 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

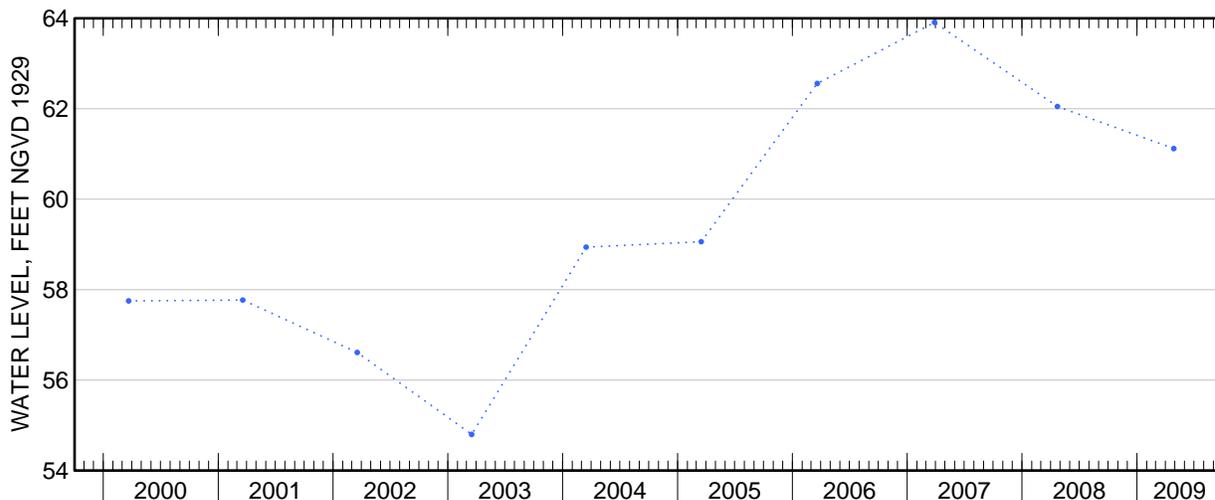
PERIOD OF RECORD.--March 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 63.91 ft above sea level, March 28, 2007; lowest measured, 53.60 ft above sea level, March 21, 1996.

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

Date	Water level
Apr 27	61.12





Water-Data Report 2009

405259072465601 Local number S 36147. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'00.1", long 72°46'54.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 43 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 47.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.32 ft above land-surface datum.

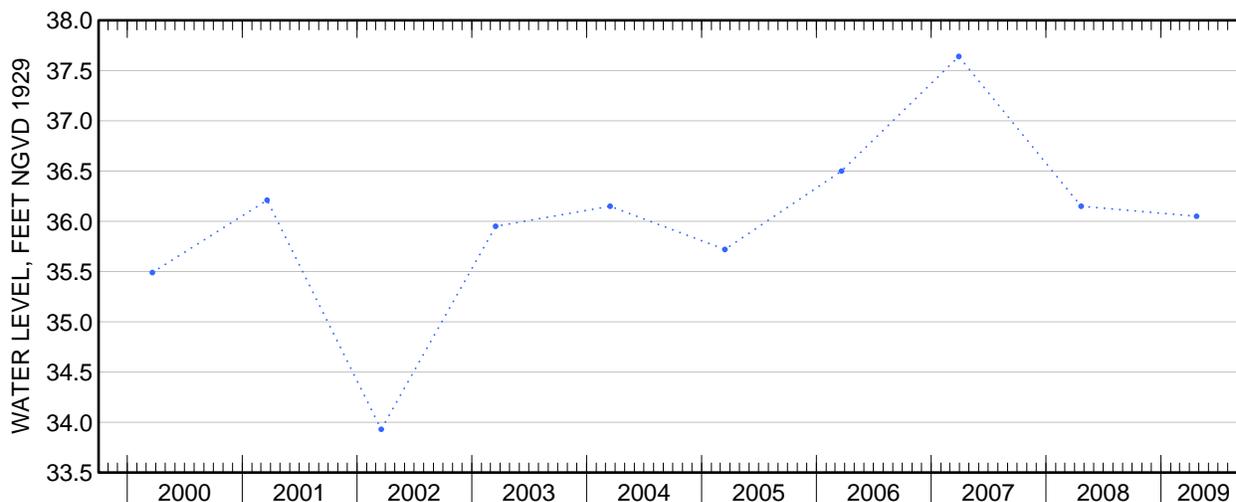
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.19 ft above sea level, February 2, 1979; lowest measured, 32.83 ft above sea level, August 22, 1995.

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

Date	Water level
Apr 23	36.05





Water-Data Report 2009

405301072415101 Local number S 46542. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'02.6", long 72°41'50.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 149 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 163 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.15 ft above land-surface datum.

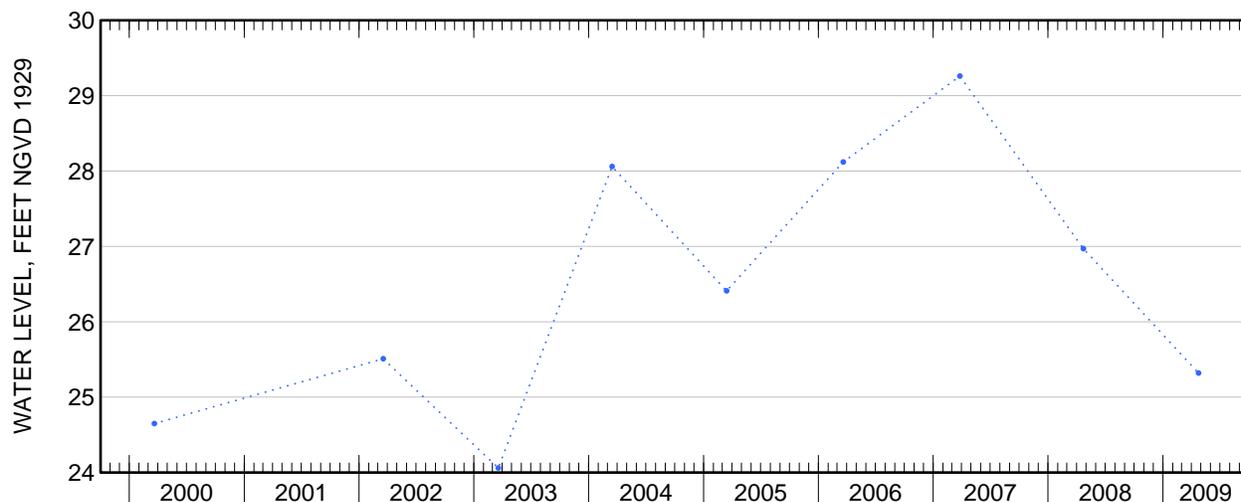
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.42 ft above sea level, June 29, 1979; lowest measured, 22.30 ft above sea level, March 19, 1987.

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

Date	Water level
Apr 23	25.32





Water-Data Report 2009

405302072313501 Local number S 46533. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'12.1", long 72°31'28.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 81 ft. Upper casing diameter 2 in; top of first opening 77 ft, bottom of last opening 81 ft.

DATUM.--Land-surface datum is 84.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.28 ft below land-surface datum.

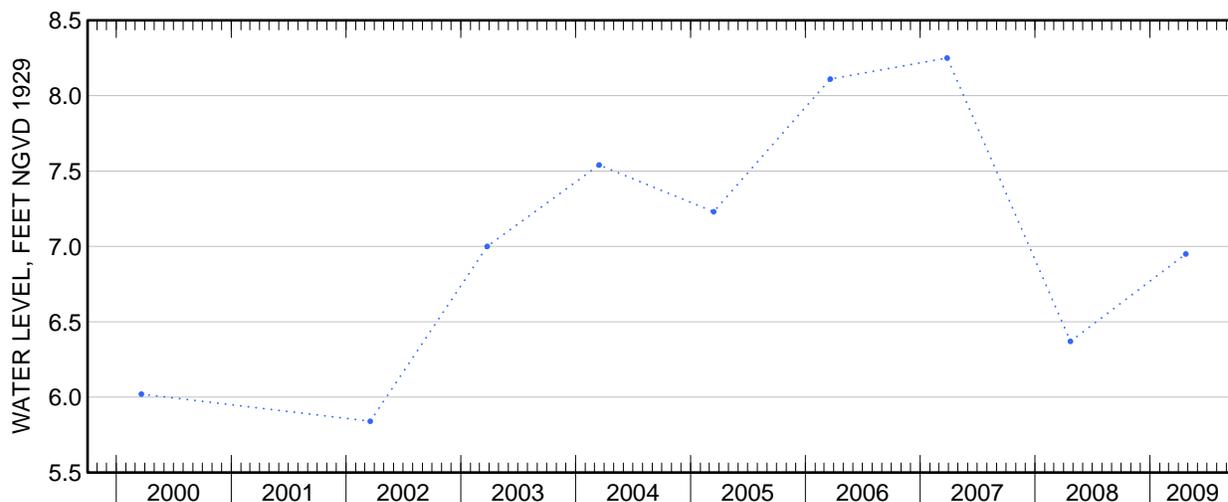
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.97 ft above sea level, June 21, 1984; lowest measured, 4.74 ft above sea level, September 17, 1981.

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

Date	Water level
Apr 24	6.95





Water-Data Report 2009

405309072233101 Local number S 8836. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°53'09.7", long 72°23'30.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Nugent Street, 399 ft east of Windmill Lane, Southampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 37 ft. Upper casing diameter 8 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing inside steel elbow extension, 0.87 ft above land-surface datum.

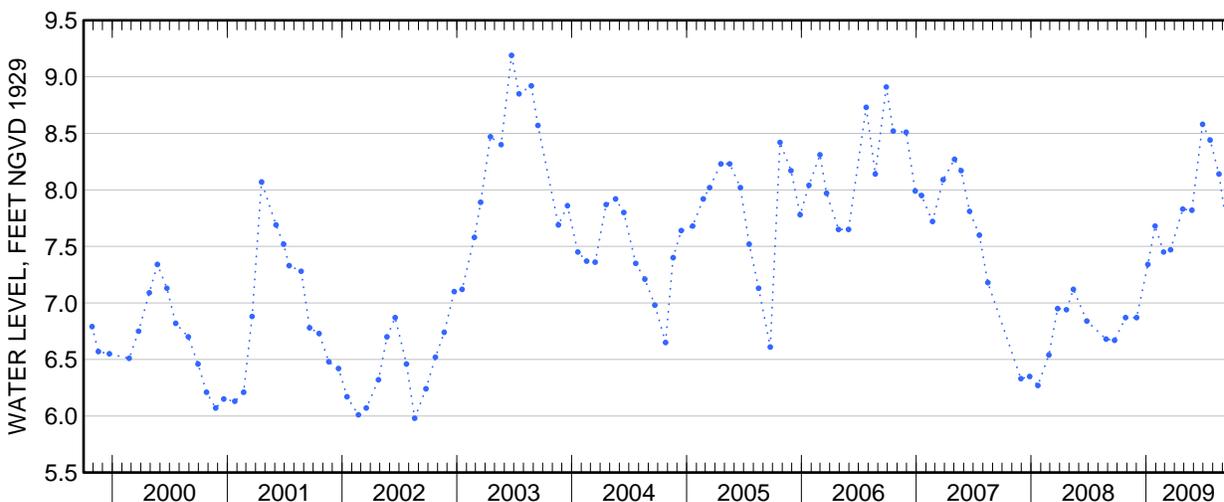
PERIOD OF RECORD.--July 1950 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.58 ft above sea level, May 28, 1998; lowest measured, 4.93 ft above sea level, August 30, 1968

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

Date	Water level	Date	Water level
Oct 27	6.87	Apr 27	7.83
Dec 1	6.87	May 26	7.82
Jan 6	7.34	Jun 29	8.58
29	7.68	Jul 23	8.44
Feb 25	7.45	Aug 20	8.14
Mar 19	7.47	Sep 24	7.49





Water-Data Report 2009

405317072331902 Local number S 77435. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°53'17.7", long 72°33'16.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of dirt road, 145 ft east of Riverhead- Hampton Bays Road (State Route 24), 195 ft south of Bellows Pond Road, easternmost well, Rampasture.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 27 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 27 ft.

DATUM.--Land-surface datum is 18.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.36 ft below land-surface datum.

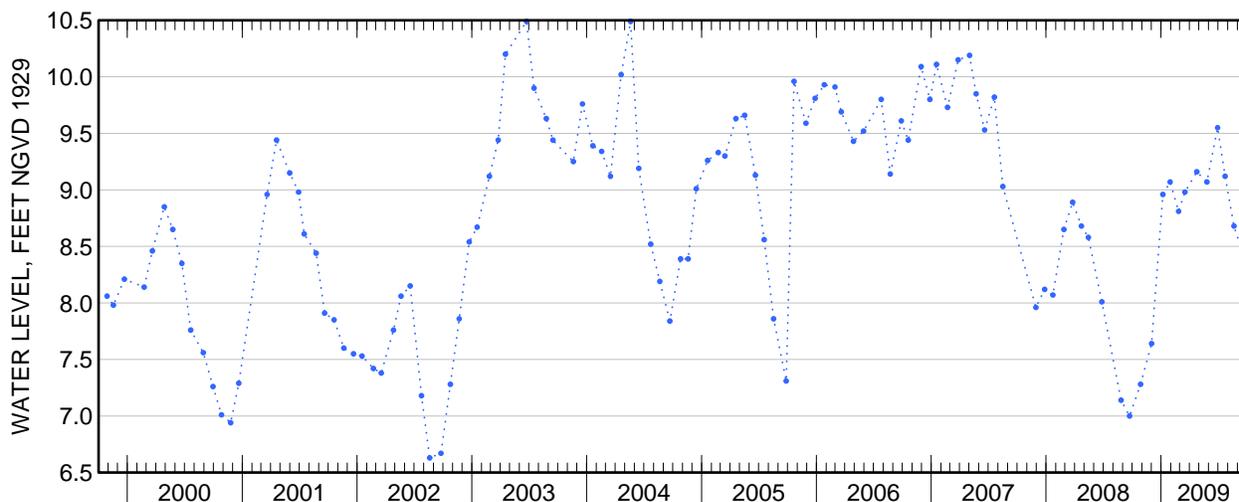
PERIOD OF RECORD.--March 1985 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.50 ft above sea level, June 25, 1998; lowest measured, 6.63 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 27	7.28	Apr 24	9.16
Dec 1	7.64	May 26	9.07
Jan 6	8.96	Jun 29	9.55
29	9.07	Jul 23	9.12
Feb 25	8.81	Aug 20	8.68
Mar 17	8.98	Sep 24	8.38





Water-Data Report 2009

405317072331903 Local number S 77436. 2

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°53'17", long 72°33'18" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at south side of dirt road, 138 ft east of Riverhead- Hampton Bays Road (State Route 24), 195 ft south of Bellows Pond Road, westernmost well, Rampasture.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 508 ft. Upper casing diameter 4 in; top of first opening 500 ft, bottom of last opening 505 ft.

DATUM.--Land-surface datum is 18.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.41 ft below land-surface datum.

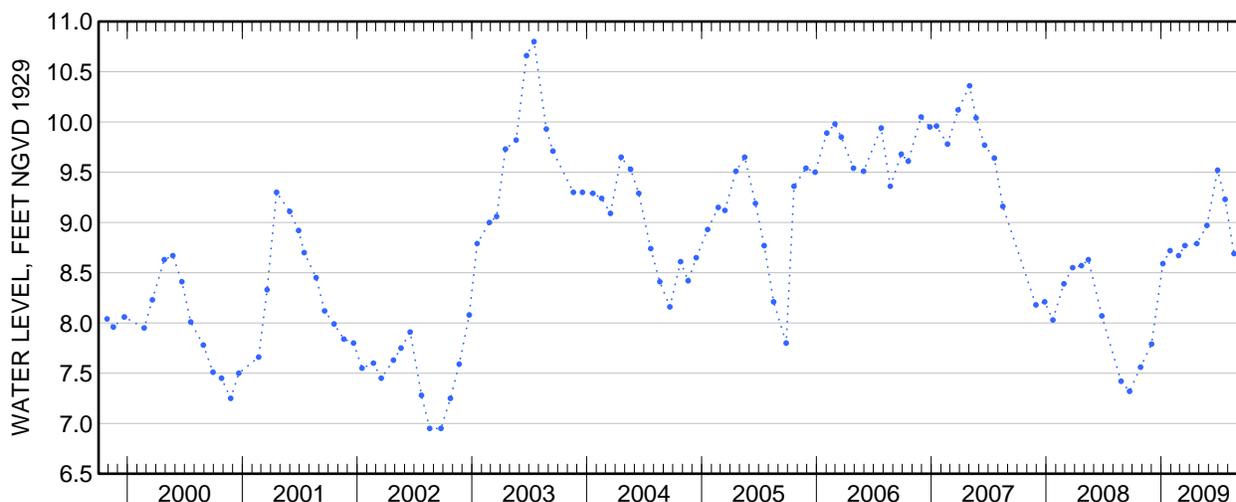
PERIOD OF RECORD.--March 1985 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.80 ft above sea level, July 17, 2003; lowest measured, 6.94 ft above sea level, September 22, 1986.

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

Date	Water level	Date	Water level
Oct 27	7.56	Apr 24	8.79
Dec 1	7.79	May 26	8.97
Jan 6	8.59	Jun 29	9.52
29	8.72	Jul 23	9.23
Feb 25	8.67	Aug 20	8.69
Mar 17	8.77	Sep 24	8.60





Water-Data Report 2009

405322072454101 Local number S 74292. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°53'23.4", long 72°45'41.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Mill Road, opposite Primrose Path, Brookhaven.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 56 ft. Upper casing diameter 2 in; top of first opening 52 ft, bottom of last opening 56 ft.

DATUM.--Land-surface datum is 73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.20 ft above land-surface datum.

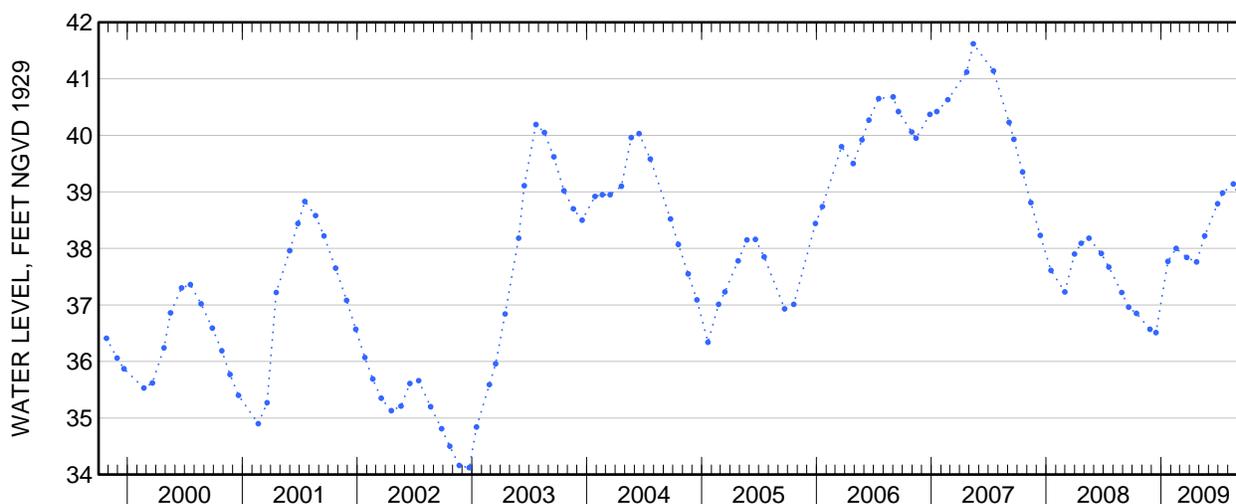
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.22 ft above sea level, June 21, 1984; lowest measured, 33.59 ft above sea level, November 30, 1995.

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

Date	Water level	Date	Water level
Oct 14	36.85	Apr 23	37.76
Nov 26	36.57	May 19	38.22
Dec 15	36.51	Jun 29	38.79
Jan 22	37.77	Jul 15	38.98
Feb 17	38.00	Aug 18	39.14
Mar 23	37.84	Sep 24	38.70





Water-Data Report 2009

405335073073201 Local number S 42683. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'36.0", long 73°07'30.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 118 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 145.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.41 ft above land-surface datum.

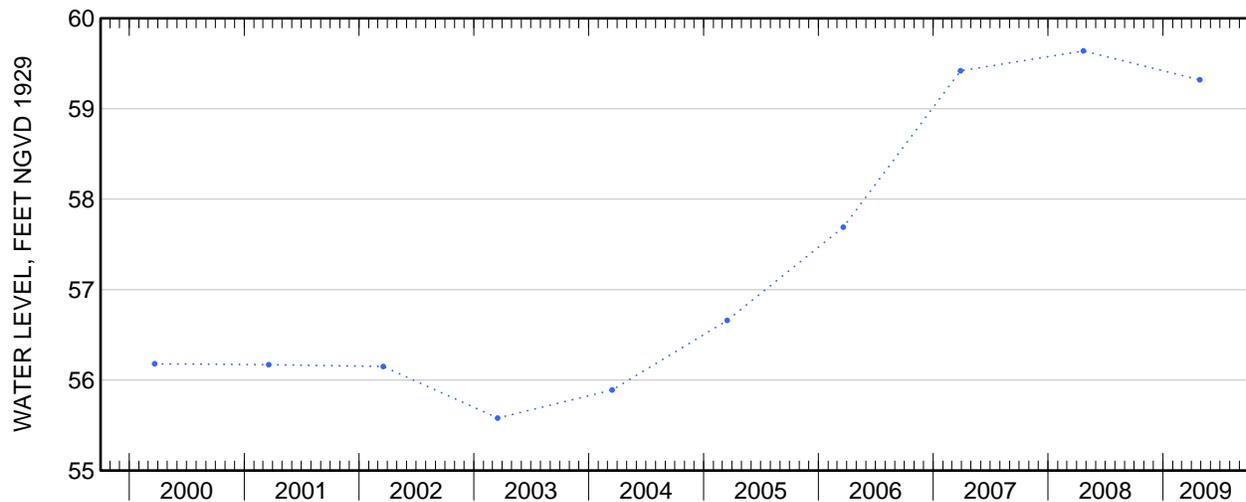
PERIOD OF RECORD.--August 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.40 ft above sea level, June 22, 1979; lowest measured, 53.43 ft above sea level, August 23, 1972.

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

Date	Water level
Apr 27	59.32





Water-Data Report 2009

405336073073601 Local number S 33500. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°53'40.4", long 73°07'32.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 551 ft. Upper casing diameter 10 in; top of first opening 485 ft, bottom of last opening 548 ft.

DATUM.--Land-surface datum is 148 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.91 ft below land-surface datum.

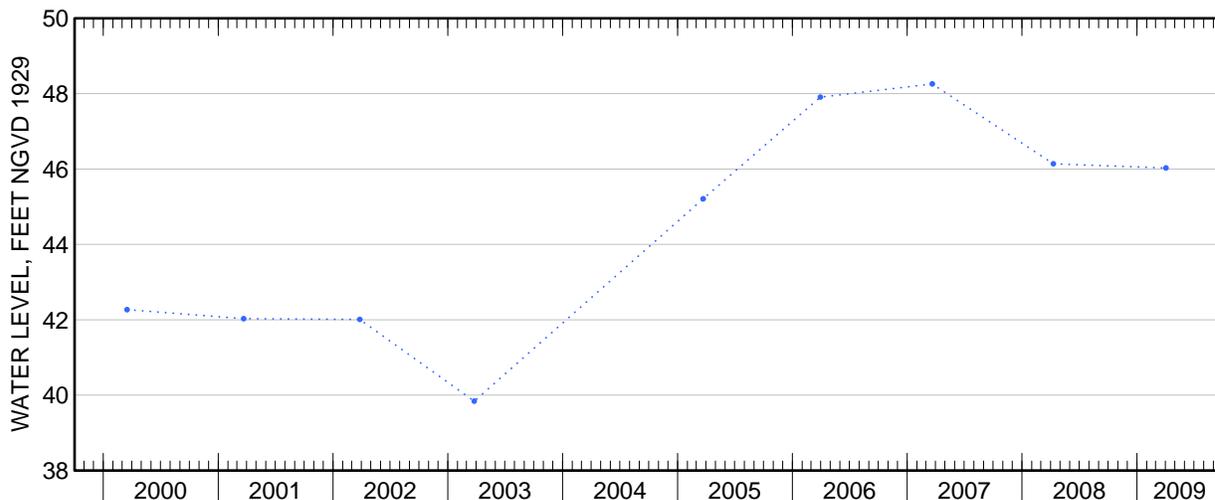
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.26 ft above sea level, March 21, 2007; lowest measured, 10.50 ft above sea level, March 12, 1970.

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

Date	Water level
Apr 2	46.03





Water-Data Report 2009

405343073055004 Local number S 3955. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'44.2", long 73°05'48.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Mark Tree Road, south of Pond Path, Setauket.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 76 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 123 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.24 ft below land-surface datum.

PERIOD OF RECORD.--April 1975 to current year. Unpublished records from September 1944 to September 1975 are available in files of the U.S. Geological Survey.

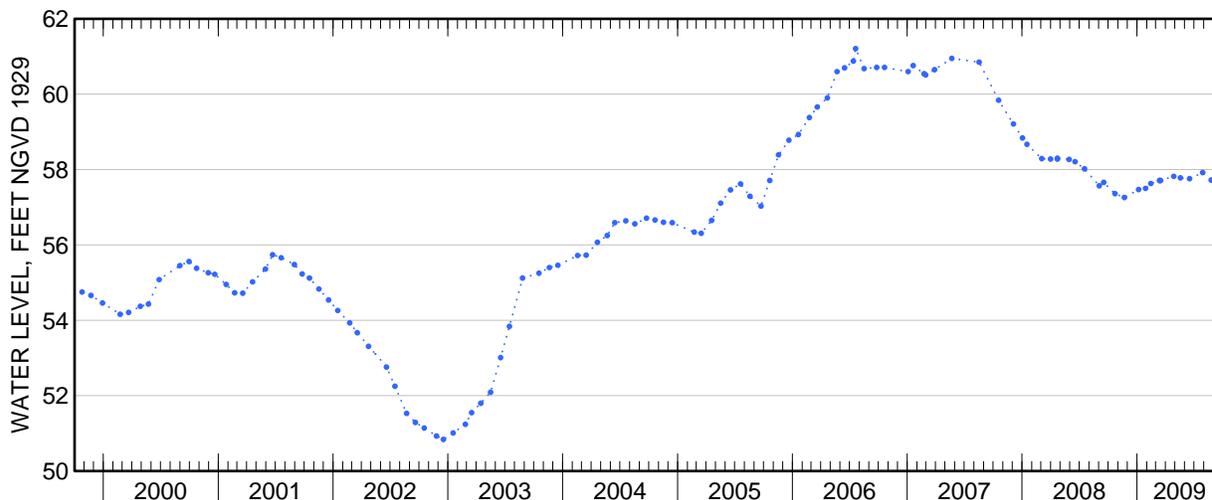
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S3955.3 in April 1975 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.21 ft above sea level, July 20, 2006; lowest measured, 50.00 ft above sea level, January 18, 1996.

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

Date	Water level	Date	Water level
Oct 22	57.36	Apr 27	57.82
Nov 21	57.26	May 18	57.78
Jan 5	57.47	Jun 16	57.76
27	57.50	Jul 28	57.92
Feb 13	57.63	Aug 24	57.72
Mar 13	57.71	Sep 29	57.52
16	57.71		





Water-Data Report 2009

405345072591101 Local number S 66507. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'45.2", long 72°59'09.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 76 ft. Upper casing diameter 12 in; top of first opening 68 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 100 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.16 ft above land-surface datum.

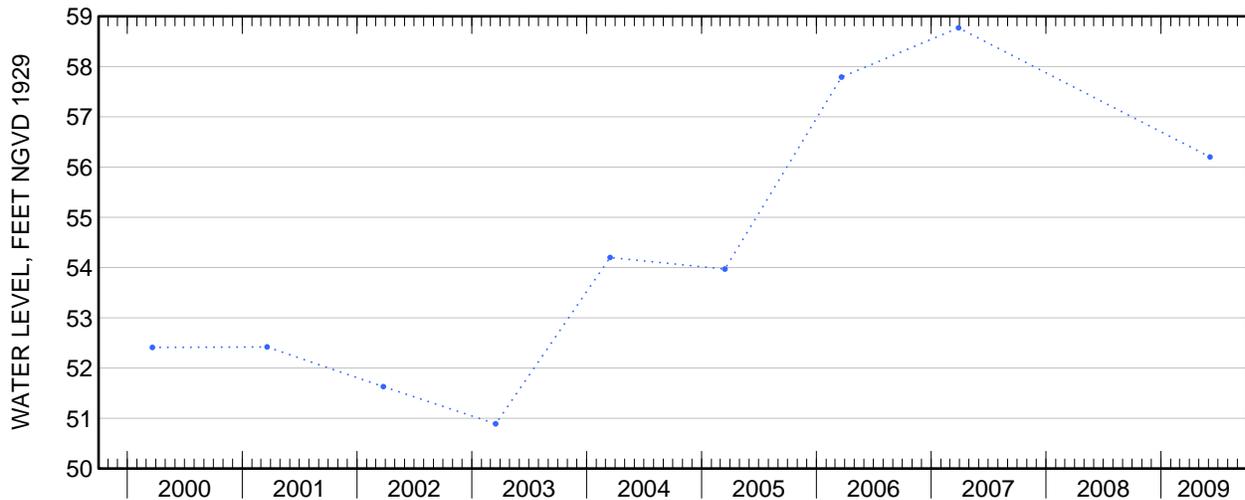
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.83 ft above sea level, April 17, 1979; lowest measured, 49.70 ft above sea level, March 18, 1996.

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

Date	Water level
Jun 5	56.20





Water-Data Report 2009

405347072494001 Local number S 6443. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'48.8", long 72°49'40.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southeast corner of Schultz Road and Wading River - Manorville Road, Calverton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 31 ft. Upper casing diameter 1.25 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 55 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft above land-surface datum.

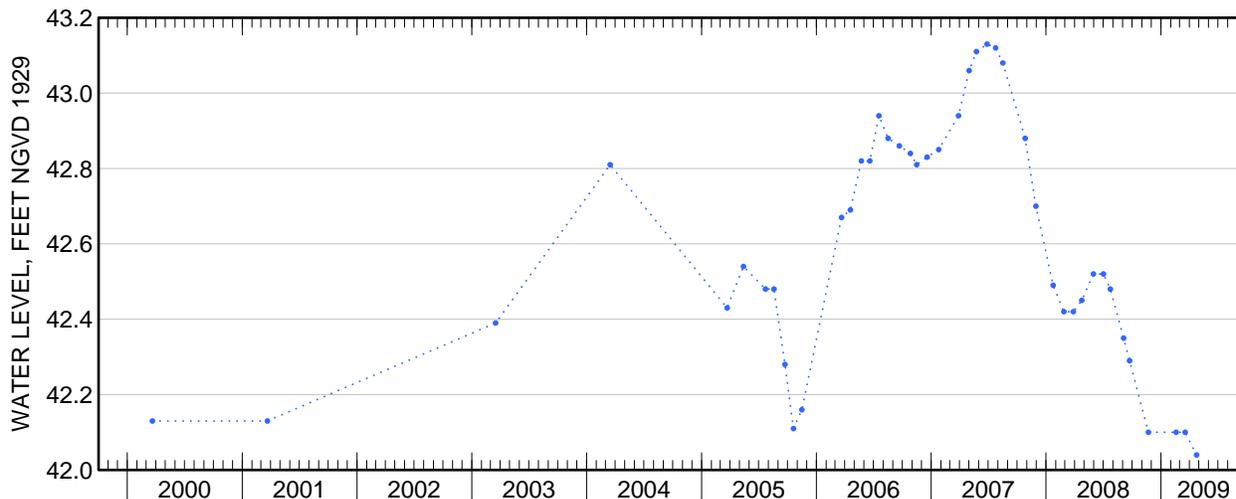
PERIOD OF RECORD.--February 1949 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.71 ft above sea level, February 1, 1979; lowest measured, 38.56 ft above sea level, October 28, 1966.

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

Date	Water level	Date	Water level
Nov 21	42.10	Mar 18	42.10
Feb 17	42.10	Apr 23	42.04





Water-Data Report 2009

405348072370401 Local number S 46538. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'40", long 72°37'09" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Pleasure Drive, 0.44 mi south of Riverhead - Hampton Bays Road (Route 24), Flanders.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 56.8 ft. Upper casing diameter 2 in; top of first opening 51.8 ft, bottom of last opening 55.8 ft.

DATUM.--Land-surface datum is 61.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.08 ft below land-surface datum.

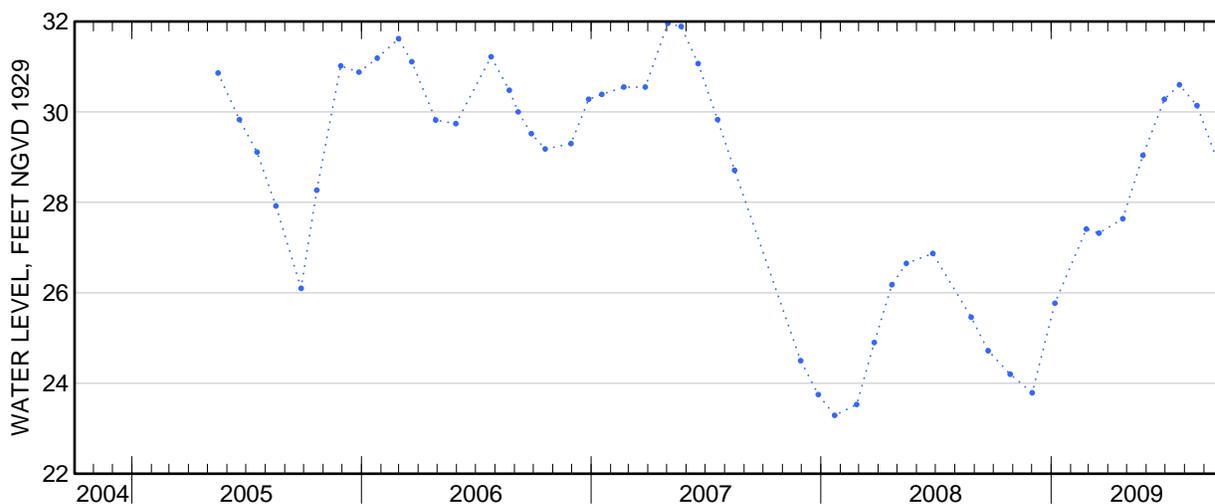
PERIOD OF RECORD.--December 1972 to September 1985, March 1987 to March 2002, and May 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.56 ft above sea level, April 3, 1979; lowest measured, 21.98 ft above sea level, March 19, 1981.

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

Date	Water level	Date	Water level
Oct 27	24.20	May 26	29.04
Dec 1	23.79	Jun 29	30.28
Jan 6	25.77	Jul 23	30.60
Feb 25	27.41	Aug 20	30.14
Mar 17	27.32	Sep 24	28.82
Apr 24	27.64		





Water-Data Report 2009

405351072535101 Local number S 65855. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°53'51.3", long 72°53'49.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 32 ft. Upper casing diameter 2 in; top of first opening 28 ft, bottom of last opening 32 ft.

DATUM.--Land-surface datum is 77.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.63 ft below land-surface datum.

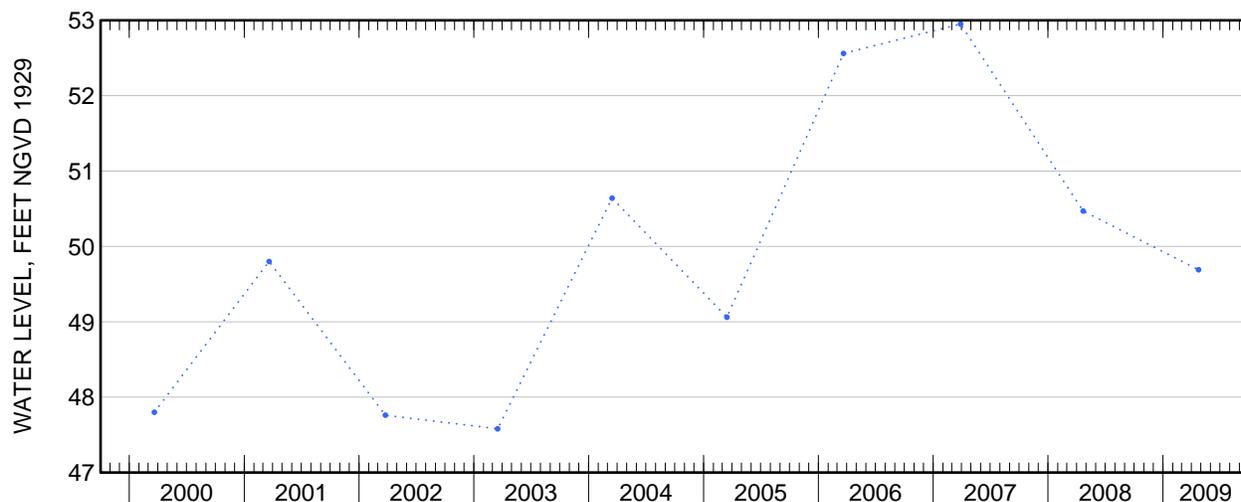
PERIOD OF RECORD.--October 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.93 ft above sea level, April 17, 1979; lowest measured, 45.71 ft above sea level, September 29, 1981.

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

Date	Water level
Apr 23	49.69





Water-Data Report 2009

405354073021202 Local number S 52490. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°53'55", long 73°02'12" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 554 ft. Upper casing diameter 48 in; top of first opening 480 ft, bottom of last opening 554 ft.

DATUM.--Land-surface datum is 137 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.77 ft below land-surface datum.

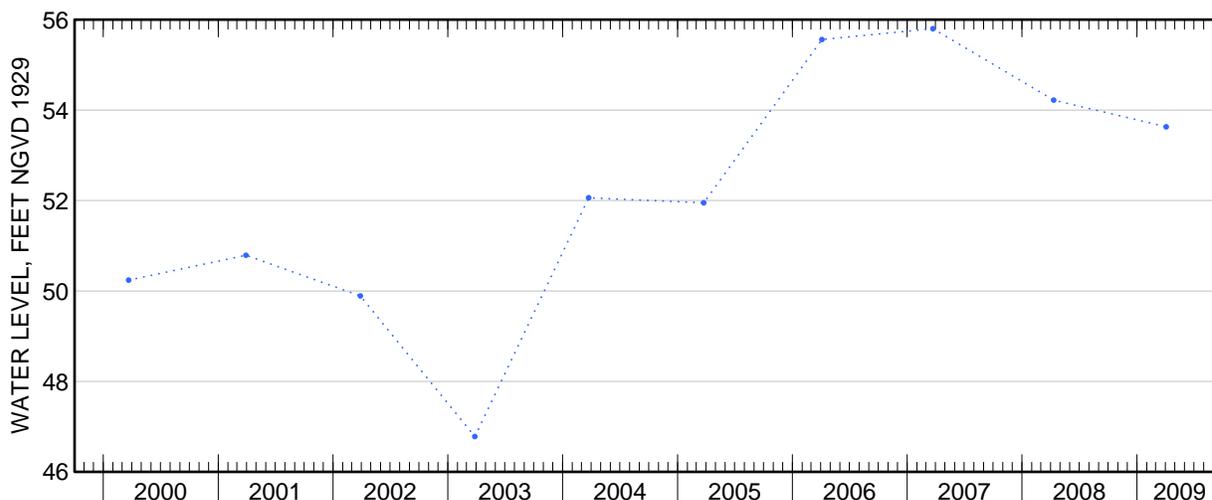
PERIOD OF RECORD.--March 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.13 ft above sea level, April 2, 1979; lowest measured, 46.73 ft above sea level, June 24, 1986.

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

Date	Water level
Apr 3	53.63





Water-Data Report 2009

405405072442701 Local number S 89534. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°54'05", long 72°44'27" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Toppings Path, 0.10 mi south of Edwards Avenue, Calverton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 797 ft. Upper casing diameter 4 in; top of first opening 782 ft, bottom of last opening 792 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.23 ft below land-surface datum.

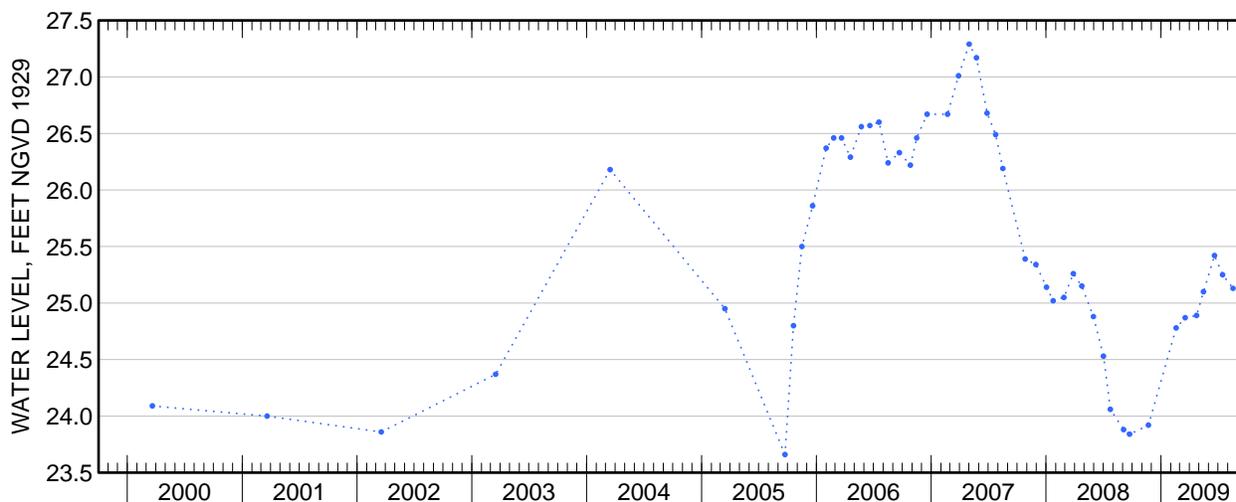
PERIOD OF RECORD.--March 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.29 ft above sea level, May 1, 2007; lowest measured, 22.32 ft above sea level, August 23, 1995.

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

Date	Water level	Date	Water level
Nov 21	23.92	Jun 19	25.42
Feb 17	24.78	Jul 15	25.25
Mar 18	24.87	Aug 17	25.13
Apr 23	24.89	Sep 28	25.14
May 15	25.10		





Water-Data Report 2009

405405072442702 Local number S 89535. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°54'05", long 72°44'27" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Toppings Path, 0.10 mi south of Edwards Avenue, Calverton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 523 ft. Upper casing diameter 4 in; top of first opening 510 ft, bottom of last opening 520 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft below land-surface datum.

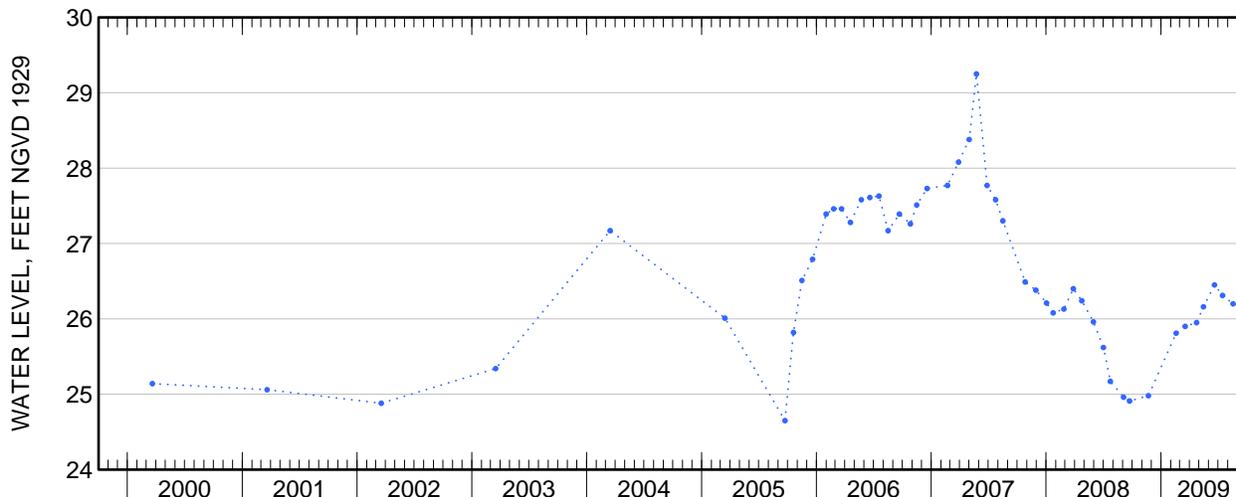
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.25 ft above sea level, May 24, 2007; lowest measured, 23.36 ft above sea level, August 23, 1995.

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

Date	Water level	Date	Water level
Nov 21	24.98	Jun 19	26.45
Feb 17	25.81	Jul 15	26.31
Mar 18	25.90	Aug 17	26.20
Apr 23	25.95	Sep 28	26.17
May 15	26.16		





Water-Data Report 2009

405405072442703 Local number S 89536. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°54'05", long 72°44'27" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Toppings Path, 0.10 mi south of Edwards Avenue, Calverton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 273 ft. Upper casing diameter 4 in; top of first opening 260 ft, bottom of last opening 270 ft.

DATUM.--Land-surface datum is 44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.09 ft below land-surface datum.

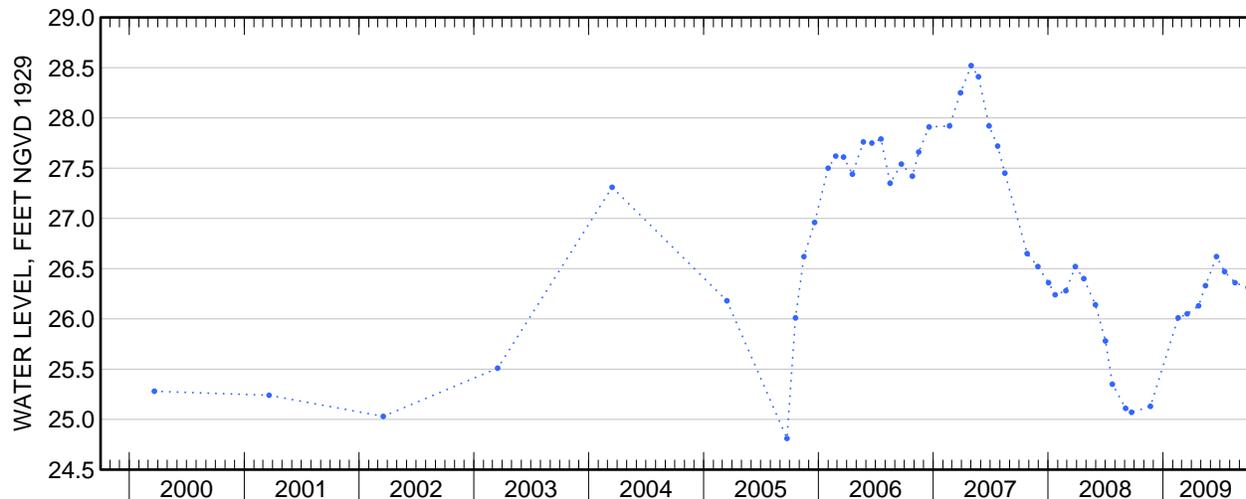
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.52 ft above sea level, May 1, 2007; lowest measured, 23.53 ft above sea level, August 23, 1995.

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

Date	Water level	Date	Water level
Nov 21	25.13	Jun 19	26.62
Feb 17	26.01	Jul 15	26.47
Mar 18	26.05	Aug 17	26.36
Apr 23	26.13	Sep 28	26.31
May 15	26.33		





Water-Data Report 2009

405407073001101 Local number S 47310. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°54'07", long 73°00'11" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 698 ft. Upper casing diameter 20 in; top of first opening 623 ft, bottom of last opening 693 ft.

DATUM.--Land-surface datum is 135 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 4.34 ft below land-surface datum.

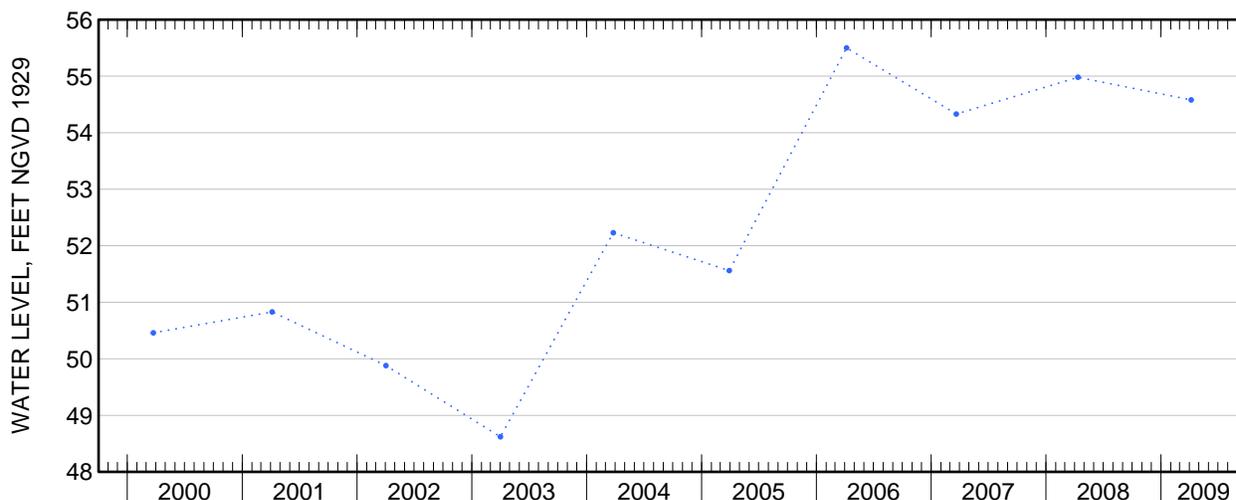
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.86 ft above sea level, March 28, 1979; lowest measured, 48.62 ft above sea level, April 1, 2003.

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

Date	Water level
Apr 6	54.58





Water-Data Report 2009

405412072441401 Local number S 47753. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°54'06.6", long 72°44'25.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 102 ft. Upper casing diameter 6 in; top of first opening 90 ft, bottom of last opening 100 ft.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.95 ft below land-surface datum.

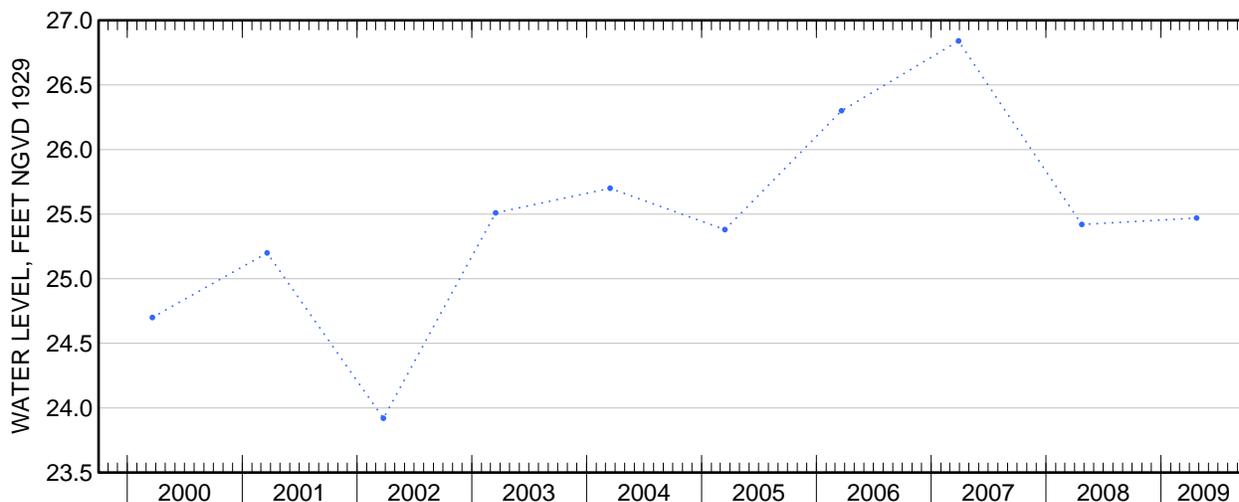
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.11 ft above sea level, March 12, 1979; lowest measured, 23.51 ft above sea level, August 23, 1995.

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

Date	Water level
Apr 23	25.47





Water-Data Report 2009

405412072441402 Local number S 47754. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°54'06.7", long 72°44'25.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 6 in; top of first opening 29 ft, bottom of last opening 39 ft.

DATUM.--Land-surface datum is 45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 3.08 ft below land-surface datum.

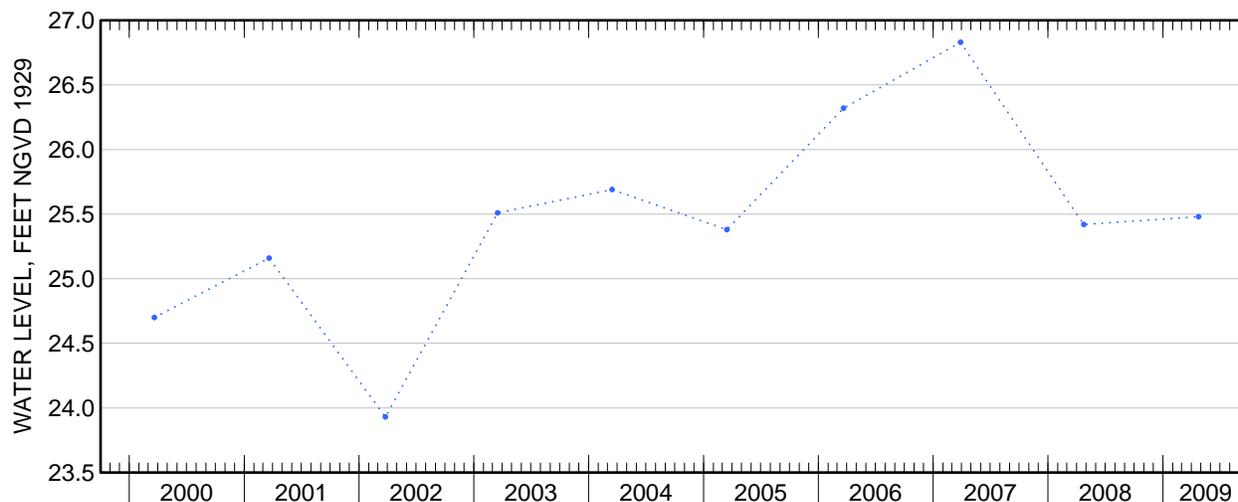
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.21 ft above sea level, March 12, 1979; lowest measured, 23.51 ft above sea level, August 23, 1995.

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

Date	Water level
Apr 23	25.48





Water-Data Report 2009

405418072511201 Local number S 74289. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°54'18.0", long 72°51'14.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 76.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.27 ft below land-surface datum.

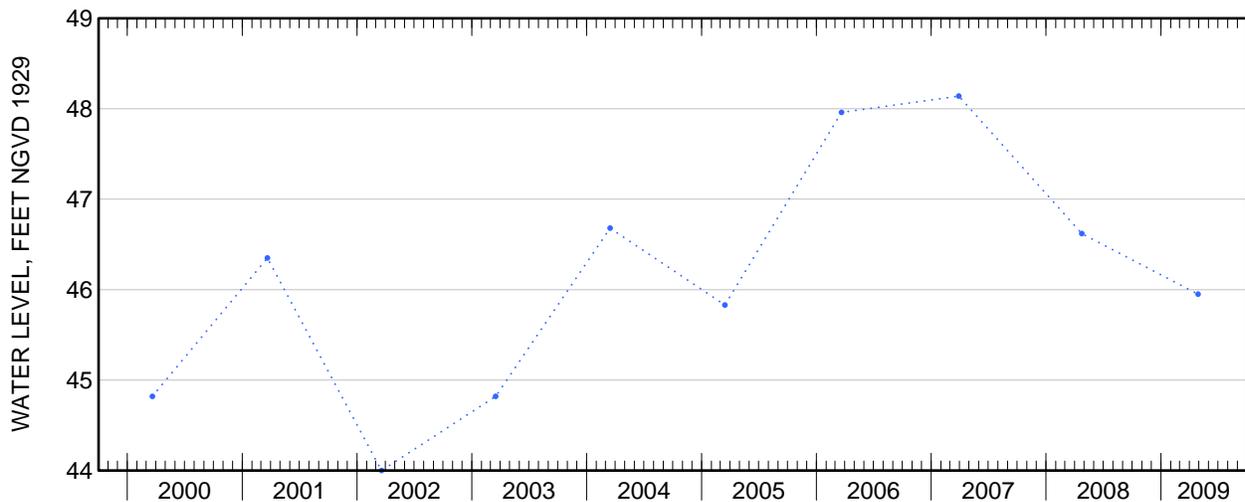
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 49.95 ft above sea level, June 21, 1984; lowest measured, 42.48 ft above sea level, February 1, 1989.

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

Date	Water level
Apr 28	45.95





Water-Data Report 2009

405421072474501 Local number S 74291. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°54'22.0", long 72°47'38.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 19 ft. Upper casing diameter 2 in; top of first opening 15 ft, bottom of last opening 19 ft.

DATUM.--Land-surface datum is 44.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.09 ft below land-surface datum.

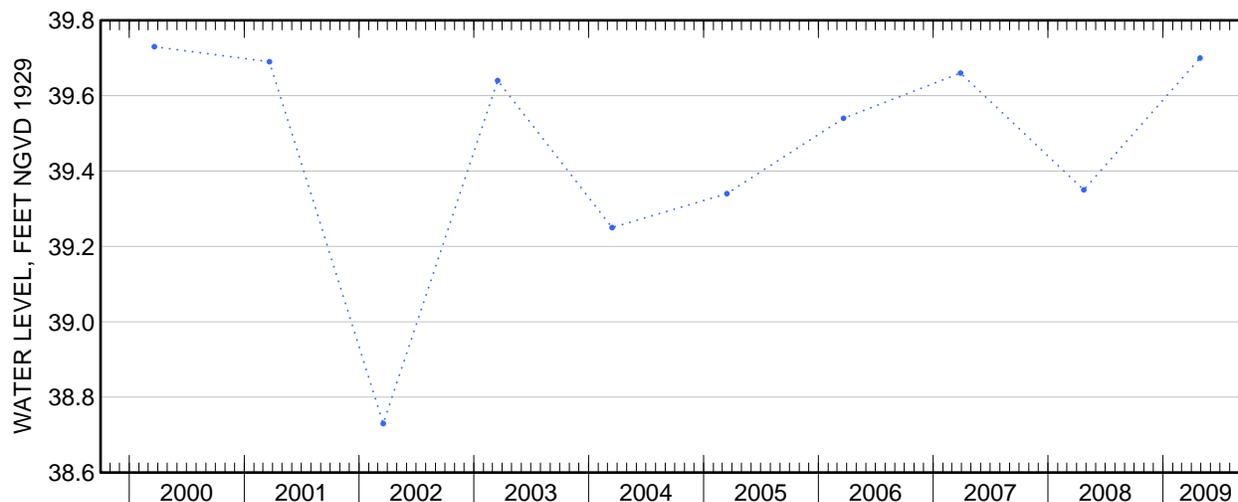
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.01 ft above sea level, March 25, 1993; lowest measured, 38.18 ft above sea level, August 22, 1995.

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

Date	Water level
Apr 28	39.70





Water-Data Report 2009

405434072421401 Local number S 74302. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°54'22.8", long 72°42'31.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Nugent Drive (Route 24), east side of recharge basin, Brookhaven.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 36.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.27 ft below land-surface datum.

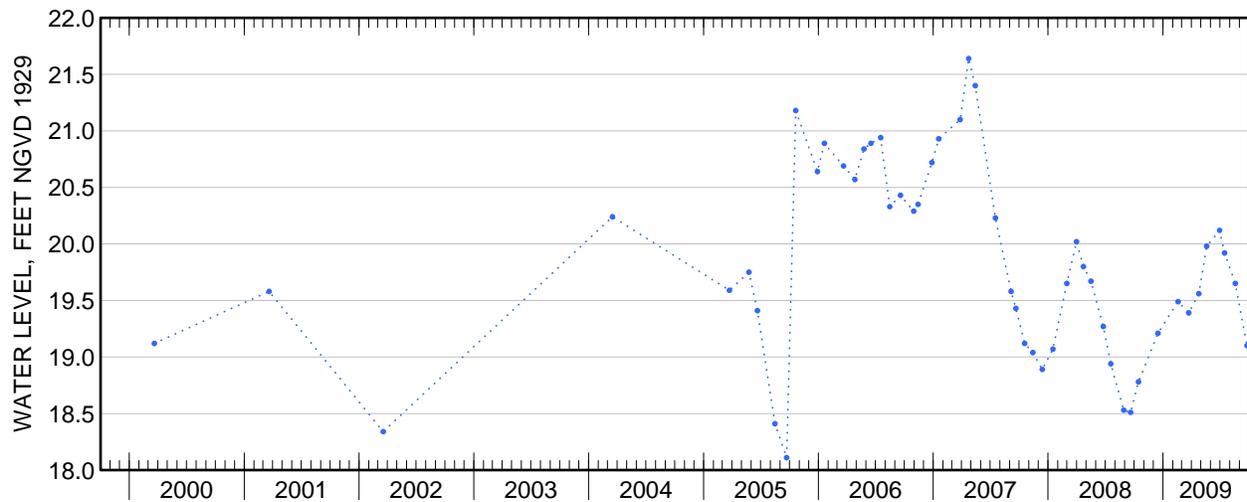
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.12 ft above sea level, June 21, 1984; lowest measured, 17.48 ft above sea level, August 28, 1995.

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

Date	Water level	Date	Water level
Oct 14	18.78	May 19	19.98
Dec 15	19.21	Jun 29	20.12
Feb 17	19.49	Jul 15	19.92
Mar 23	19.39	Aug 18	19.65
Apr 24	19.56	Sep 24	19.10





Water-Data Report 2009

405446072524801 Local number S 76834. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°54'46", long 72°52'48" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at northwest corner of William Floyd Parkway and Whiskey Road, Ridge.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 48 ft. Upper casing diameter 2 in; top of first opening 44 ft, bottom of last opening 48 ft.

DATUM.--Land-surface datum is 87.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.46 ft below land-surface datum.

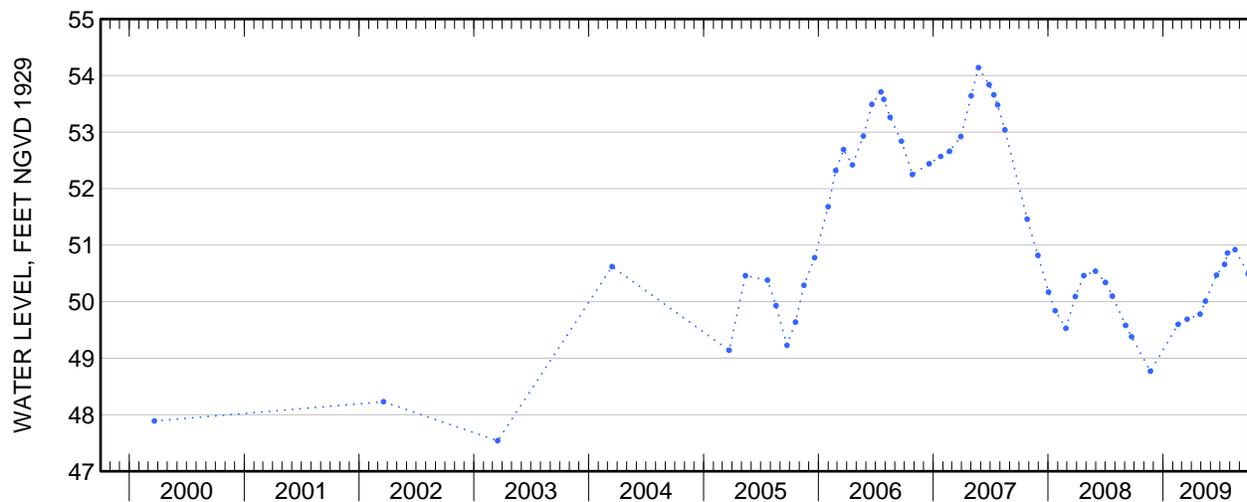
PERIOD OF RECORD.--June 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.14 ft above sea level, May 24, 2007; lowest measured, 44.88 ft above sea level, February 1, 1989.

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

Date	Water level	Date	Water level
Nov 21	48.77	Jun 19	50.47
Feb 17	49.60	Jul 15	50.66
Mar 18	49.69	24	50.86
Apr 28	49.78	Aug 17	50.92
May 15	50.01	Sep 28	50.49



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

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 conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, 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, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
07-24-2009	0915	37.04	9.4	6.0	919	14.4	.2	422	11.2	3.37

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Silica, water, filtered, mg/L as SiO ₂ (00955)	Sulfate, water, filtered, mg/L (00945)
07-24-2009	1.14	122	12.0	14.6	.03	221	< .08	4.37	10.6

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	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)	Orthophos- phate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, μg/L (01106)	Barium, water, filtered, μg/L (01005)	Beryllium, water, filtered, μg/L (01010)	Cadmium, water, filtered, μg/L (01025)
07-24-2009	.044	.42	E .002	.013	.48	< 4.0	63	< .02	.06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Chromium, water, filtered, μg/L (01030)	Cobalt, water, filtered, μg/L (01035)	Copper, water, filtered, μg/L (01040)	Iron, water, filtered, μg/L (01046)	Lead, water, filtered, μg/L (01049)	Lithium, water, filtered, μg/L (01130)	Manga- nese, water, filtered, μg/L (01056)	Molyb- denum, water, filtered, μg/L (01060)	Nickel, water, filtered, μg/L (01065)	Silver, water, filtered, μg/L (01075)
07-24-2009	.81	.13	< 1.0	9	E .05	< 1.0	4.3	.3	1.3	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Strontium, water, filtered, μg/L (01080)	Thallium, water, filtered, μg/L (01057)	Vanadium, water, filtered, μg/L (01085)	Zinc, water, filtered, μg/L (01090)	Arsenic, water, filtered, μg/L (01000)	Boron, water, filtered, μg/L (01020)	Selenium, water, filtered, μg/L (01145)	1,2,3-Tri- chloro- propane, water, unfiltered, recover- able, μg/L (77443)	1,2- Dibromo-3- chloro- propane, water, unfiltered, recover- able, μg/L (82625)	1,2- Dibromo- ethane, water, unfiltered, recover- able, μg/L (77651)
07-24-2009	98.2	E .02	.41	< 2.0	.17	11	.11	< .12	< 1.0	< .04

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	1,2-Dichloroethane, water, unfiltered, recoverable, μg/L (32103)	1,2-Dichloropropane, water, unfiltered, recoverable, μg/L (34541)	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-D methyl ester, water, filtered, recoverable, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, micrograms per liter as 2,4-D (66496)	2,4-DB, water, filtered, recoverable, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38746)	2,6-Diethylaniline, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82660)
07-24-2009	< .1	< .02	< .1	< .02	< .04	< .200	< .02	< .06	< .02	< .006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	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-Chloro-6-ethylamino-4-amino-s-triazine, water, filtered, recoverable, μg/L (04038)	2-Ethyl-6-methyl-aniline, water, filtered, recoverable, μg/L (61620)	2-Hydroxy-4-iso-propyl-amino-6-ethyl-amino-s-triazine, water, filtered, recoverable, μg/L (50355)	3,4-Dichloro-aniline, water, filtered, recoverable, μg/L (61625)	3,5-Dichloro-aniline, water, filtered, recoverable, μg/L (61627)	3-Chloro-propene, water, unfiltered, recoverable, μg/L (78109)	3-Hydroxy carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)	4-Chloro-2-methyl-phenol, water, filtered, recoverable, μg/L (61633)
07-24-2009	< .010	< .014	< .06	< .010	< .060	< .004	< .004	< .08	< .040	< .005

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Acetochlor, water, filtered, recover- able, μg/L (49260)	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49315)	Acrylo- nitrile, water, unfiltered, recover- able, μg/L (34215)	Alachlor, water, filtered, recover- able, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49312)	alpha- Endosulfan, water, filtered, recover- able, μg/L (34362)	Aminometh- ylphosphon- ic acid, water, filtered (0.7 micron glass fiber filter), recoverable , micrograms per liter (62649)	Atrazine, water, filtered, recover- able, μg/L (39632)
07-24-2009	< .010	< .040	< 0.4	< .008	< .08	< .060	< .12	< .006	< .02	< .007

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Azinphos- methyl oxygen analog, water, filtered, recover- able, μg/L (61635)	Azinphos- methyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82686)	Bendio- carb, water, filtered, recover- able, μg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyl, water, filtered, recover- able, μg/L (50300)	Ben- sulfuron- methyl, water, filtered, recover- able, μg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38711)	Bromacil, water, filtered, recover- able, μg/L (04029)	Bromo- methane, water, unfiltered, recover- able, μg/L (34413)	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49311)
07-24-2009	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06	< .4	< .12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor- amben methyl ester, water, filtered, recover- able, μg/L (61188)	Chlori- muron- ethyl, water, filtered, recover- able, μg/L (50306)	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)	cis-1,3-Di- chloro- propene, water, unfiltered, recover- able, μg/L (34704)	cis- Permethrin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82687)
07-24-2009	< .04	< .200	< .040	< .060	< .04	< .10	< .080	< .010	< .10	< .014

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	cis-Propiconazole, water, filtered, recoverable, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49305)	Cyanazine, water, filtered, recoverable, μg/L (04041)	Cycloate, water, filtered, recoverable, μg/L (04031)	Cyfluthrin, water, filtered, recoverable, μg/L (61585)	Cypermethrin, water, filtered, recoverable, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82682)	Desulfanyl-fipronil amide, water, filtered, recoverable, μg/L (62169)	Desulfanyl-fipronil, water, filtered, recoverable, μg/L (62170)
07-24-2009	< .006	< .06	< .040	< .04	< .016	< .020	< .04	< .006	< .029	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Diazinon, water, filtered, recoverable, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38442)	Dichloroprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49302)	Dichlorvos, water, filtered, recoverable, μg/L (38775)	Dicrotophos, water, filtered, recoverable, μg/L (38454)	Dieldrin, water, filtered, recoverable, μg/L (39381)	Dimethoate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49301)	Di-phenamid, water, filtered, recoverable, μg/L (04033)	Disulfoton sulfone, water, filtered, recoverable, μg/L (61640)
07-24-2009	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04	< .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenami-phos sulfone, water, filtered, recoverable, μg/L (61645)	Fenami-phos sulfoxide, water, filtered, recoverable, μg/L (61646)	Fenami-phos, water, filtered, recoverable, μg/L (61591)
07-24-2009	< .04	< .04	< .022	< .002	< .02	< .012	< .016	< .053	< .08	< .03

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Fenuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49297)	Fipronil sulfide, water, filtered, recover- able, μg/L (62167)	Fipronil sulfone, water, filtered, recover- able, μg/L (62168)	Fipronil, water, filtered, recover- able, μg/L (62166)	Flumet- sulam, water, filtered, recover- able, μg/L (61694)	Fluome- turon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38811)	Fonofos, water, filtered, recover- able, μg/L (04095)	Glufosinate , water, filtered (0.7 micron glass fiber filter), recoverable , micrograms per liter (62721)	Glyphosate , water, filtered (0.7 micron glass fiber filter), recoverable , micrograms per liter (62722)	Hexa- zinone, water, filtered, recover- able, μg/L (04025)
07-24-2009	< .06	< .013	< .024	< .040	< .06	< .04	< .010	< .02	< .02	< .008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Imazaquin, water, filtered, recover- able, μg/L (50356)	Imaze- thapyr, water, filtered, recover- able, μg/L (50407)	Imi- dacloprid, water, filtered, recover- able, μg/L (61695)	Iodo- methane, water, unfiltered, recover- able, μg/L (77424)	Iprodione, water, filtered, recover- able, μg/L (61593)	Isofenphos, water, filtered, recover- able, μg/L (61594)	lambda- Cyhalo- thrin, water, filtered, recover- able, μg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38478)	Malaoxon, water, filtered, recover- able, μg/L (61652)	Malathion, water, filtered, recover- able, μg/L (39532)
07-24-2009	< .06	< .06	< .060	< .80	< .014	< .006	< .010	< .04	< .080	< .020

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38487)	Metalaxyl, water, filtered, recover- able, μg/L (50359)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49296)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (61664)	Methyl paraaxon, water, filtered, recover- able, μg/L (82667)	Metola- chlor, water, filtered, recover- able, μg/L (39415)
07-24-2009	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008	< .014

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Metribuzin, water, filtered, recover- able, μg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82671)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	N-(4- Chloro- phenyl)-N'- methyl- urea, water, filtered, recover- able, μg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49294)	Nico- sulfuron, water, filtered, recover- able, μg/L (50364)	Nor- flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38866)	Oxy- fluorfen, water, filtered, recover- able, μg/L (61600)
07-24-2009	< .016	< .002	< .010	< .06	< .02	< .10	< .04	< .04	< .12	< .006

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Pendi- methalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82683)	Phorate oxy- gen analog, water, filtered, recover- able, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82664)	Phosmet oxy- gen analog, water, filtered, recover- able, μg/L (61668)	Phosmet, water, filtered, recover- able, μg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49291)	Prometon, water, filtered, recover- able, μg/L (04037)	Prometryn, water, filtered, recover- able, μg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82679)	Propargite, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82685)
07-24-2009	< .012	< .03	< .020	< .05	< .200	< .12	< .01	< .006	< .014	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Propham, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49236)	Propicon- azole, water, filtered, recover- able, μg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38538)	Propyz- amide, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82676)	Siduron, water, filtered, recover- able, μg/L (38548)	Simazine, water, filtered, recover- able, μg/L (04035)	Sulfo- meturon- methyl, water, filtered, recover- able, μg/L (50337)	Tebu- thiuron, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82670)	Tefluthrin, water, filtered, recover- able, μg/L (61606)	Terbacil, water, filtered, recover- able, μg/L (04032)
07-24-2009	< .040	< .04	< .060	< .004	< .04	E .006	< .060	< .02	< .010	< .040

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Terbufos oxygen analog sulfone, water, filtered, recoverable, μg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82675)	Terbutylazine, water, filtered, recoverable, μg/L (04022)	Thioben-carb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82681)	trans-1,3-Dichloropropene, water, unfiltered, recoverable, μg/L (34699)	trans-Propiconazole, water, filtered, recoverable, μg/L (79847)	Tribuphos, water, filtered, recoverable, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49235)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82661)	1,1,1,2-Tetrachloroethane, water, unfiltered, recoverable, μg/L (77562)
07-24-2009	< .04	< .02	< .01	< .016	< .10	< .02	< .035	< .08	< .012	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	1,1,1-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34506)	1,1,2,2-Tetra-chloro-ethane, water, unfiltered, recoverable, μg/L (34516)	1,1,2-Tri-chloro-1,2,2-trifluoro-ethane, water, unfiltered, recoverable, μg/L (77652)	1,1,2-Tri-chloro-ethane, water, unfiltered, recoverable, μg/L (34511)	1,1-Di-chloro-ethane, water, unfiltered, recoverable, μg/L (34496)	1,1-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (34501)	1,1-Di-chloro-propene, water, unfiltered, recoverable, μg/L (77168)	1,2,3,4-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (49999)	1,2,3,5-Tetra-methyl-benzene, water, unfiltered, recoverable, μg/L (50000)	1,2,3-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (77613)
07-24-2009	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1	< .1	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	1,2,3-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77221)	1,2,4-Tri-chloro-benzene, water, unfiltered, recoverable, μg/L (34551)	1,2,4-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77222)	1,2-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34536)	1,3,5-Tri-methyl-benzene, water, unfiltered, recoverable, μg/L (77226)	1,3-Dichloro-benzene, water, unfiltered, recoverable, μg/L (34566)	2,2-Di-chloro-propane, water, unfiltered, recoverable, μg/L (77170)	2-Chloro-toluene, water, unfiltered, recoverable, μg/L (77275)	2-Ethyl-toluene, water, unfiltered, recoverable, μg/L (77220)	4-Chloro-toluene, water, unfiltered, recoverable, μg/L (77277)
07-24-2009	< .1	< 0.04	< .04	< .02	< .04	< .02	< .06	< .02	< .02	< .02

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	4-Iso-propyl-toluene, water, unfiltered, recoverable, μg/L (77356)	Acetone, water, unfiltered, recoverable, μg/L (81552)	Benzene, water, unfiltered, recoverable, μg/L (34030)	Bromo-benzene, water, unfiltered, recoverable, μg/L (81555)	Bromo-chloro-methane, water, unfiltered, recoverable, μg/L (77297)	Bromo-dichloro-methane, water, unfiltered, recoverable, μg/L (32101)	Bromo-ethene, water, unfiltered, recoverable, μg/L (50002)	Caffeine, water, filtered, recoverable, μg/L (50305)	Chloro-benzene, water, unfiltered, recoverable, μg/L (34301)	Chloro-ethane, water, unfiltered, recoverable, μg/L (34311)
07-24-2009	< .06	< 4	< .02	< .02	< .06	< .04	< .1	< .080	< .02	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Chloro-methane, water, unfiltered, recoverable, μg/L (34418)	cis-1,2-Di-chloro-ethene, water, unfiltered, recoverable, μg/L (77093)	Dibromo-chloro-methane, water, unfiltered, recoverable, μg/L (32105)	Dibromo-methane, water, unfiltered, recoverable, μg/L (30217)	Dichloro-difluoro-methane, water, unfiltered, recoverable, μg/L (34668)	Dichloro-methane, water, unfiltered, recoverable, μg/L (34423)	Diethyl ether, water, unfiltered, recoverable, μg/L (81576)	Diisopropyl ether, water, unfiltered, recoverable, μg/L (81577)	Ethyl metha-crylate, water, unfiltered, recoverable, μg/L (73570)	Ethyl methyl ketone, water, unfiltered, recoverable, μg/L (81595)
07-24-2009	< .1	< .02	< .1	< .04	< .10	< 0.04	< .1	< .06	< .1	< 1.6

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Ethyl-benzene, water, unfiltered, recoverable, μg/L (34371)	Hexa-chloro-butadiene, water, unfiltered, recoverable, μg/L (39702)	Hexa-chloro-ethane, water, unfiltered, recoverable, μg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recoverable, μg/L (78133)	Isopropyl-benzene, water, unfiltered, recoverable, μg/L (77223)	Methyl acrylate, water, unfiltered, recoverable, μg/L (49991)	Methyl acrylo-nitrile, water, unfiltered, recoverable, μg/L (81593)	Methyl metha-crylate, water, unfiltered, recoverable, μg/L (81597)	Methyl tert-butyl ether, water, unfiltered, recoverable, μg/L (78032)	Methyl tert-pentyl ether, water, unfiltered, recoverable, μg/L (50005)
07-24-2009	< .04	< .1	< .1	< .4	< .04	< .6	< .2	< .2	< .10	< .06

405446072524801 Local number S 76834. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 26 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	m-Xylene plus p-xylene, water, unfiltered, recoverable, μg/L (85795)	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)	n-Propylbenzene, water, unfiltered, recoverable, μg/L (77224)	o-Xylene, water, unfiltered, recoverable, μg/L (77135)	sec-Butylbenzene, water, unfiltered, recoverable, μg/L (77350)	Styrene, water, unfiltered, recoverable, μg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recoverable, μg/L (50004)	tert-Butylbenzene, water, unfiltered, recoverable, μg/L (77353)
07-24-2009	< .08	< .2	< .6	< .1	< .04	< .04	< .02	< .04	< .04	< .06

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 27 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Tetrachloroethene, water, unfiltered, recoverable, μg/L (34475)	Tetrachloromethane, water, unfiltered, recoverable, μg/L (32102)	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)
07-24-2009	< .04	< .06	< 1	1.47	< .02	< .4	< .10	< .02	< .08	E .01

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO
SEPTEMBER 2009

Part 28 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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]

Date	Vinyl chloride, water, unfiltered, recoverable, μg/L (39175)	Uranium (natural), water, filtered, μg/L (22703)
07-24-2009	< .1	< .01



Water-Data Report 2009

405504073011201 Local number S 66512. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°55'05.1", long 73°01'09.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 107 ft. Upper casing diameter 4 in; top of first opening 99 ft, bottom of last opening 104 ft.

DATUM.--Land-surface datum is 120.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 10.15 ft above land-surface datum.

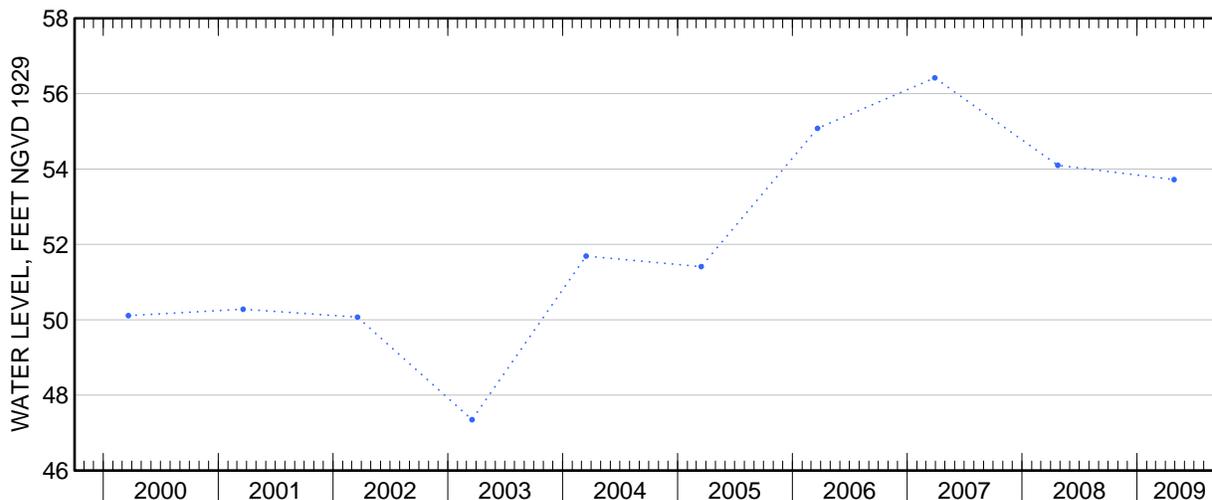
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.34 ft above sea level, March 28, 1985; lowest measured, 47.03 ft above sea level, March 21, 1996.

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

Date	Water level
Apr 28	53.72





Water-Data Report 2009

405505072432201 Local number S 36013. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°55'08.8", long 72°43'18.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 6 in; top of first opening 45 ft, bottom of last opening 60 ft.

DATUM.--Land-surface datum is 47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.85 ft below land-surface datum.

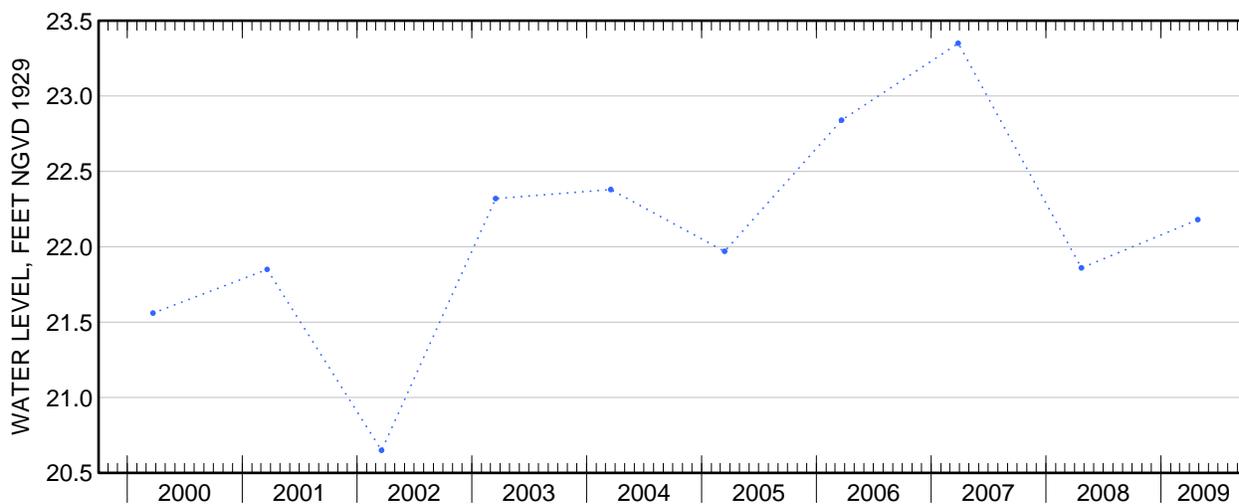
PERIOD OF RECORD.--October 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.94 ft above sea level, June 22, 1984; lowest measured, 18.38 ft above sea level, September 14, 1981.

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

Date	Water level
Apr 27	22.18





Water-Data Report 2009

405510073063401 Local number S 40849. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°55'11.8", long 73°06'32.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 61 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 80.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.04 ft above land-surface datum.

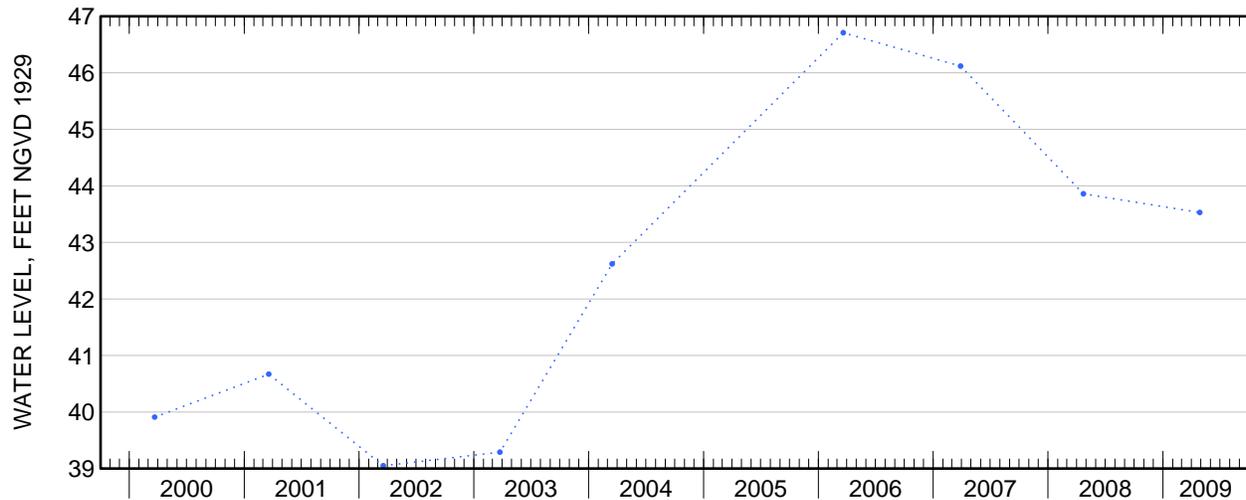
PERIOD OF RECORD.--September 1971 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.96 ft above sea level, March 28, 1978; lowest measured, 37.84 ft above sea level, March 21, 1996.

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

Date	Water level
Apr 27	43.53





Water-Data Report 2009

405512072395202 Local number S 52449. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°55'12.4", long 72°39'50.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 6 in; top of first opening 28 ft, bottom of last opening 38 ft.

DATUM.--Land-surface datum is 23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.74 ft below land-surface datum.

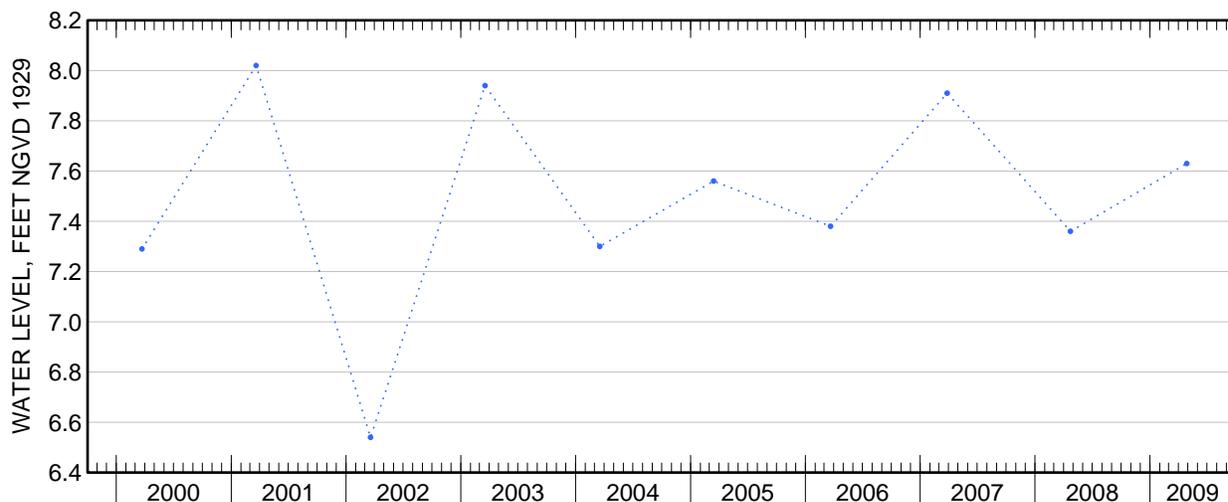
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.74 ft above sea level, June 16, 1982; lowest measured, 6.08 ft above sea level, September 20, 1980.

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

Date	Water level
Apr 27	7.63





Water-Data Report 2009

405514073050103 Local number S 57980. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°55'09.7", long 73°04'48.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 703 ft. Upper casing diameter 20 in; top of first opening 630 ft, bottom of last opening 700 ft.

DATUM.--Land-surface datum is 187 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 0.57 ft below land-surface datum.

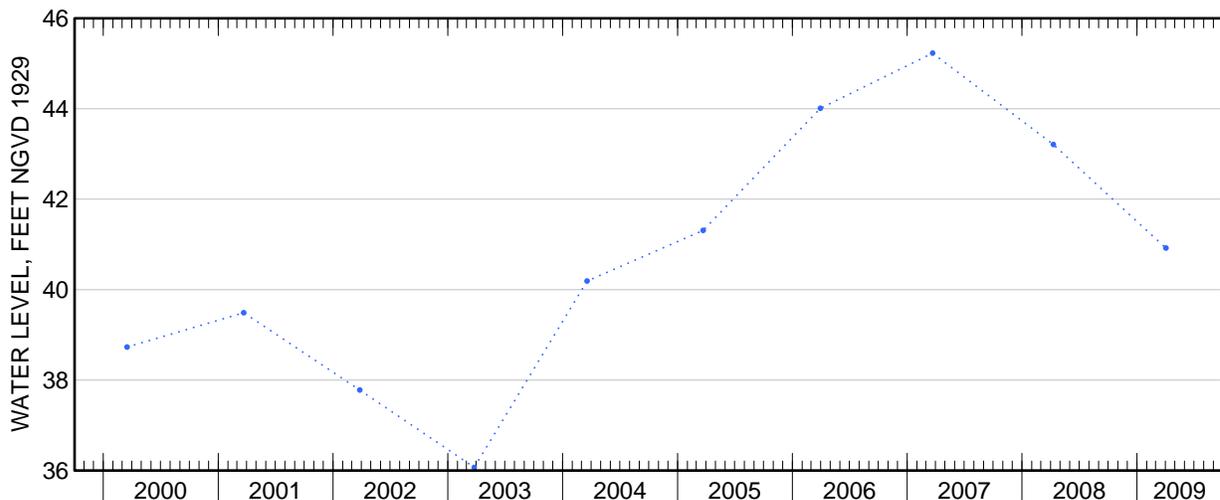
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.23 ft above sea level, March 22, 2007; lowest measured, 35.41 ft above sea level, April 30, 1996.

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

Date	Water level
Apr 2	40.92



Water-Data Report 2009

405529073272901 Local number S 69781. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°55'28.9", long 73°27'26.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at Caumsett State Park, 1.0 mi northeast of parking field, on park service road, Lloyd Neck.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 155 ft. Upper casing diameter 4 in; top of first opening 139 ft, bottom of last opening 149 ft.

DATUM.--Land-surface datum is 109 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.66 ft below land-surface datum.

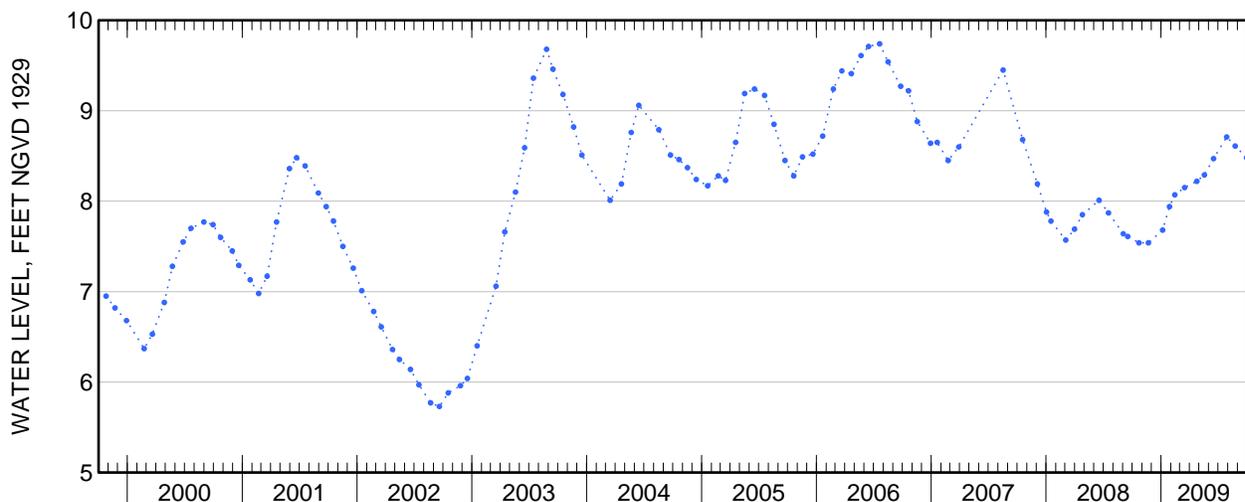
PERIOD OF RECORD.--April 1986 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.88 ft above sea level, June 26, 1998; lowest measured, 5.73 ft above sea level, September 19, 2002.

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

Date	Water level	Date	Water level
Oct 22	7.54	Apr 24	8.22
Nov 21	7.54	May 18	8.29
Jan 5	7.68	Jun 16	8.47
27	7.94	Jul 28	8.71
Feb 13	8.07	Aug 24	8.61
Mar 16	8.15	Sep 29	8.48





Water-Data Report 2009

405536072375301 Local number S 82938. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer
Suffolk County, NY

LOCATION.--Lat 40°55'41.9", long 72°37'49.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Indian Island County Park, north side of main entrance road, 107 ft east of restroom facilities, Riverhead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,022 ft. Upper casing diameter 2 in; top of first opening 1,010 ft, bottom of last opening 1,022 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.14 ft below land-surface datum.

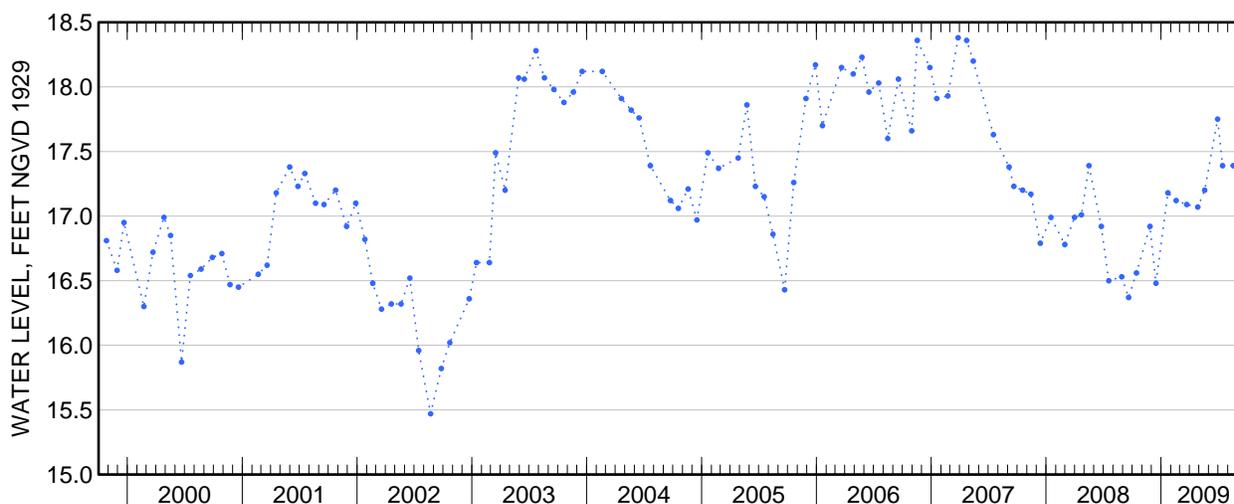
PERIOD OF RECORD.--June 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.46 ft above sea level, June 24, 1998; lowest measured, 15.47 ft above sea level, August 22, 2002.

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

Date	Water level	Date	Water level
Oct 14	16.56	Apr 27	17.07
Nov 26	16.92	May 19	17.20
Dec 15	16.48	Jun 29	17.75
Jan 22	17.18	Jul 15	17.39
Feb 17	17.12	Aug 18	17.39
Mar 23	17.09	Sep 24	17.30





Water-Data Report 2009

405536072375302 Local number S 82939. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°55'41.9", long 72°37'49.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Indian Island County Park, north side of main entrance road, 107 ft east of restroom facilities, Riverhead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 162 ft. Upper casing diameter 2 in; top of first opening 155 ft, bottom of last opening 162 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.03 ft below land-surface datum.

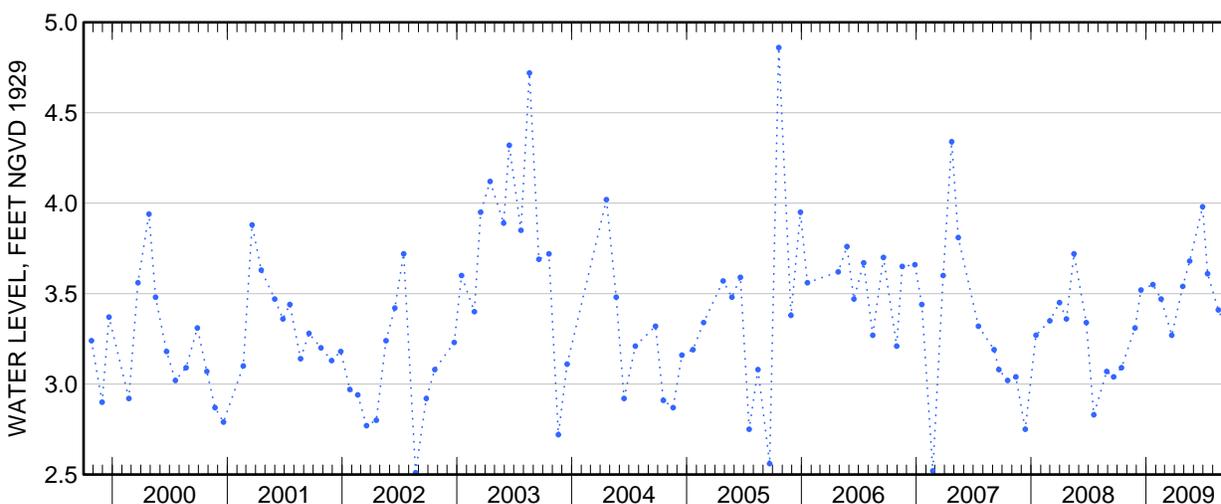
PERIOD OF RECORD.--June 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.86 ft above sea level, October 20, 2005; lowest measured, 2.21 ft above sea level, November 30, 1995.

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

Date	Water level	Date	Water level
Oct 14	3.09	Apr 27	3.54
Nov 26	3.31	May 19	3.68
Dec 15	3.52	Jun 29	3.98
Jan 22	3.55	Jul 15	3.61
Feb 17	3.47	Aug 18	3.41
Mar 23	3.27	Sep 24	3.26





Water-Data Report 2009

405536072375303 Local number S 47231. 2

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°55'41.9", long 72°37'49.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Indian Island County Park, north side of main entrance road, 41 ft south of restroom facilities, Riverhead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 2 in; top of first opening 39 ft, bottom of last opening 41 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.64 ft below land-surface datum.

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

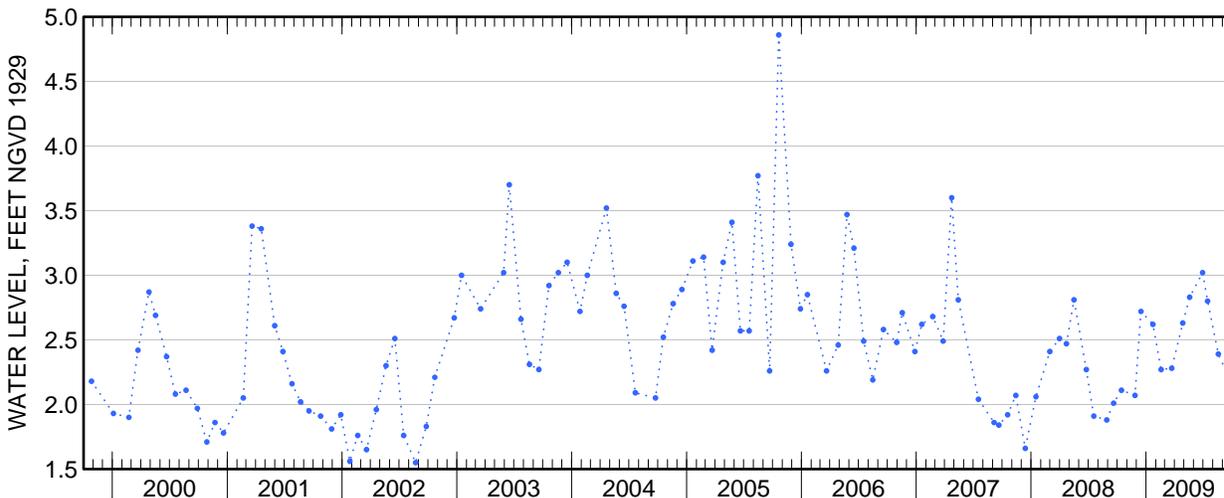
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S47231.1 in March 1995 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.86 ft above sea level, October 20, 2005; lowest measured, 1.55 ft above sea level, August 22, 2002.

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

Date	Water level	Date	Water level
Oct 14	2.11	Apr 27	2.63
Nov 26	2.07	May 19	2.83
Dec 15	2.72	Jun 29	3.02
Jan 22	2.62	Jul 15	2.80
Feb 17	2.27	Aug 18	2.39
Mar 23	2.28	Sep 24	2.19





Water-Data Report 2009

405542072463001 Local number S 51579. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°55'42.7", long 72°46'28.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Fresh Pond Avenue, 47 ft north of Middle Country Road (Route 25), Calverton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 87 ft. Upper casing diameter 6 in; top of first opening 75 ft, bottom of last opening 85 ft.

DATUM.--Land-surface datum is 78 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 3.97 ft above land-surface datum.

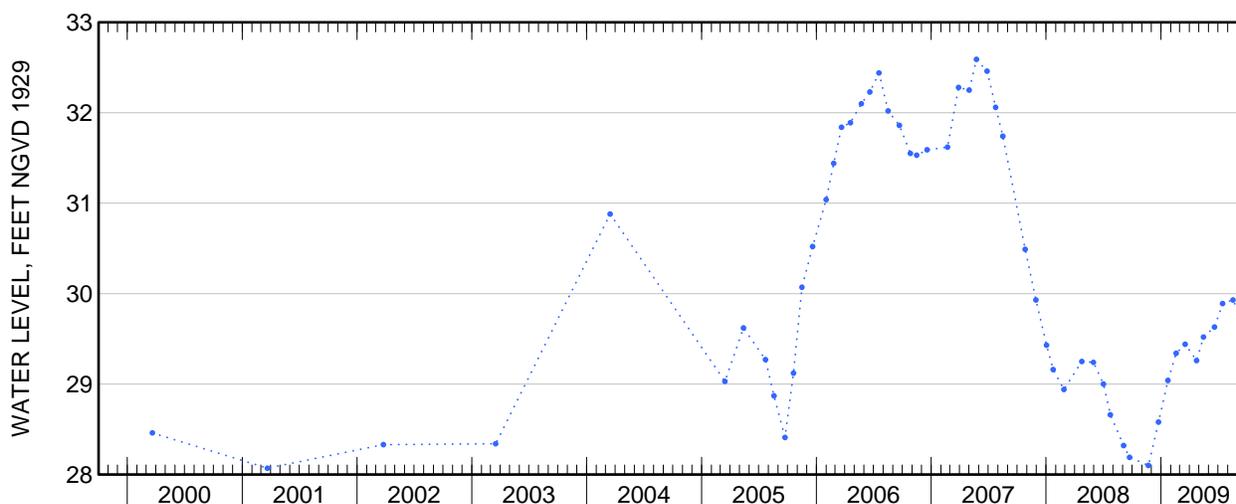
PERIOD OF RECORD.--July 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.08 ft above sea level, June 20, 1979; lowest measured, 25.28 ft above sea level, December 3, 1981.

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

Date	Water level	Date	Water level
Nov 21	28.10	May 15	29.52
Dec 23	28.58	Jun 19	29.63
Jan 22	29.04	Jul 15	29.89
Feb 17	29.34	Aug 17	29.93
Mar 18	29.44	Sep 28	29.60
Apr 23	29.26		





Water-Data Report 2009

405551072561601 Local number S 69364. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°45'51", long 72°56'16" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 529 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 32.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 5.42 ft below land-surface datum.

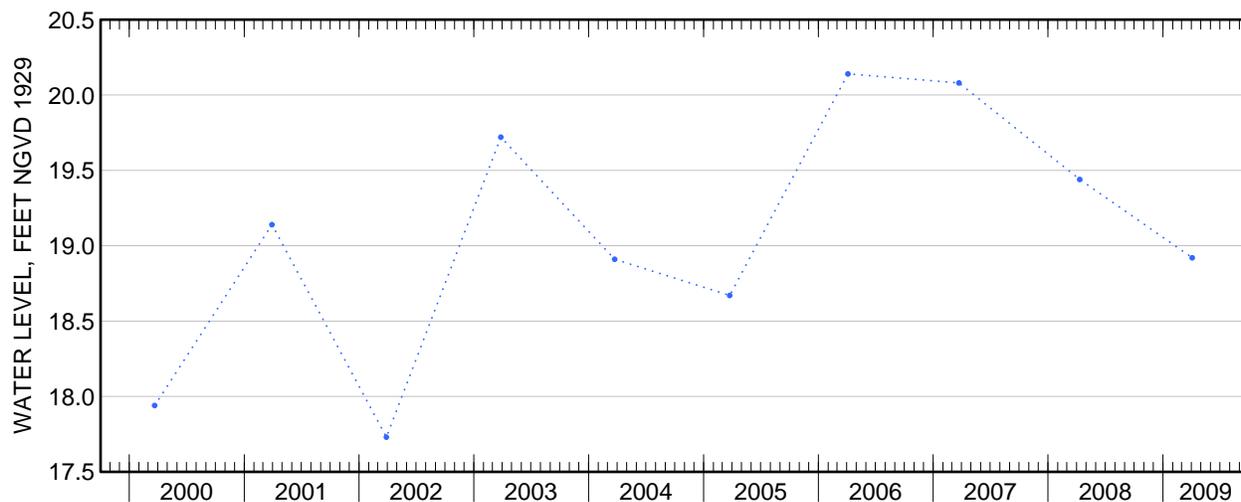
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.81 ft above sea level, April 14, 1984; lowest measured, 16.54 ft above sea level, April 7, 1988.

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

Date	Water level
Apr 3	18.92





Water-Data Report 2009

405559072145901 Local number S 60123. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°56'00", long 72°15'00" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of Wainscott Hollow Road and Wainscott Main Street, northern middle well, Wainscott.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 280 ft. Upper casing diameter 4 in; top of first opening 270 ft, bottom of last opening 280 ft.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.02 ft above land-surface datum.

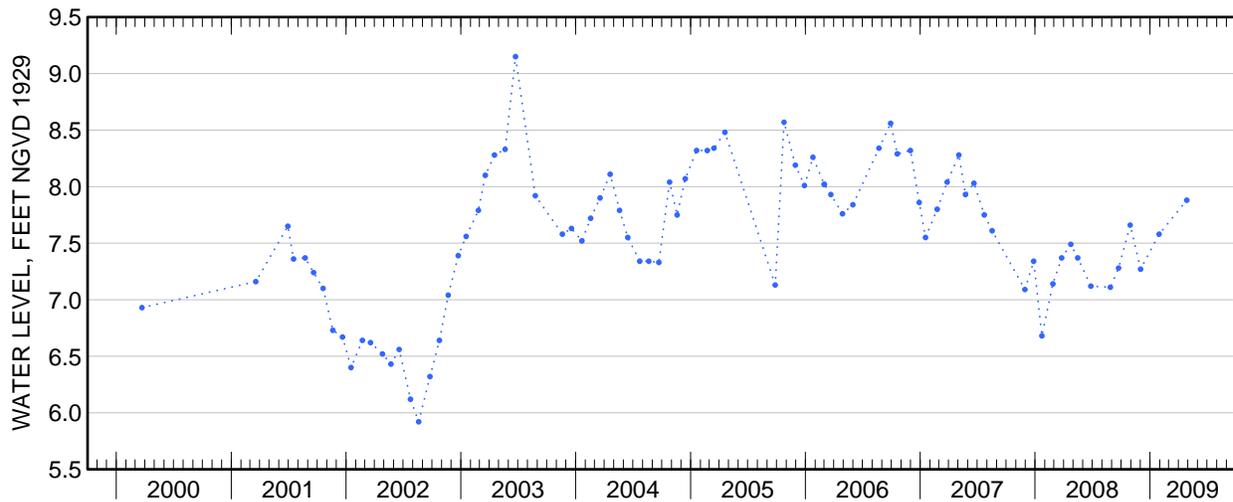
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft above sea level, June 23, 2003; lowest measured, 5.92 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 29	7.66	Jan 29	7.58
Dec 1	7.27	Apr 27	7.88





Water-Data Report 2009

405600072150002 Local number S 62395. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°56'00.1", long 72°14'58.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of Wainscott Hollow Road and Wainscott Main Street, southernmost well, Wainscott.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 14 ft. Upper casing diameter 2 in; top of first opening 10 ft, bottom of last opening 14 ft.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.51 ft below land-surface datum.

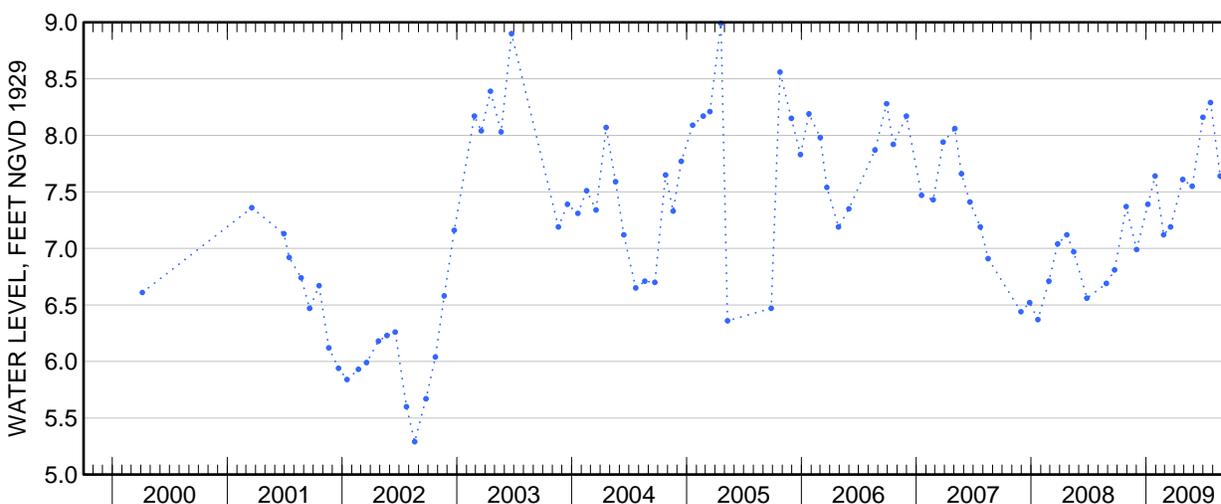
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.61 ft above sea level, September 30, 1996; lowest measured, 5.29 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 29	7.37	Apr 27	7.61
Dec 1	6.99	May 27	7.55
Jan 6	7.39	Jun 30	8.16
29	7.64	Jul 24	8.29
Feb 25	7.12	Aug 24	7.64
Mar 19	7.19	Sep 25	7.36





Water-Data Report 2009

405602072221802 Local number S 46529. 2

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°56'02.4", long 72°22'15.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at intersection of Water Mill Road and Edge of Woods Road, at grass triangle, 43 ft east of Water Mill Road and 36 ft west of Edge of Woods Road, Deerfield.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 81 ft. Upper casing diameter 2 in; top of first opening 77 ft, bottom of last opening 81 ft.

DATUM.--Land-surface datum is 70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.75 ft below land-surface datum.

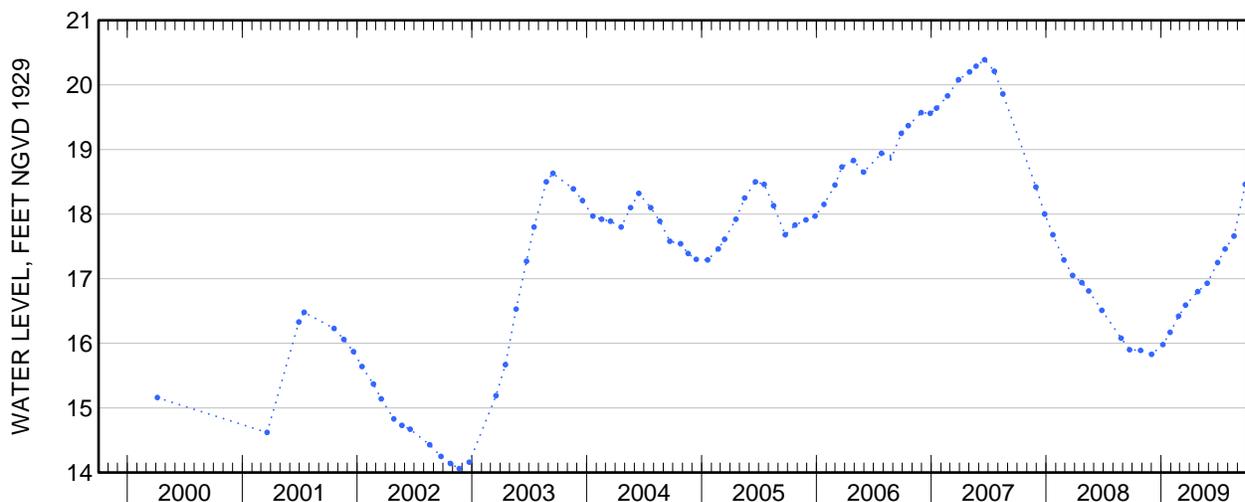
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.39 ft above sea level, June 19, 2007; lowest measured, 13.39 ft above sea level, December 2, 1986.

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

Date	Water level	Date	Water level
Oct 27	15.89	Apr 27	16.80
Dec 1	15.83	May 27	16.93
Jan 6	15.98	Jun 29	17.25
29	16.17	Jul 23	17.46
Feb 25	16.42	Aug 20	17.66
Mar 19	16.59	Sep 25	18.46





Water-Data Report 2009

405604073064301 Local number S 47973. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°56'04.6", long 73°06'40.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at north side of State Route 25A, 189 ft west of Ridgeway Avenue, Setauket.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 90 ft. Upper casing diameter 4 in; top of first opening 78 ft, bottom of last opening 88 ft.

DATUM.--Land-surface datum is 94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.43 ft below land-surface datum.

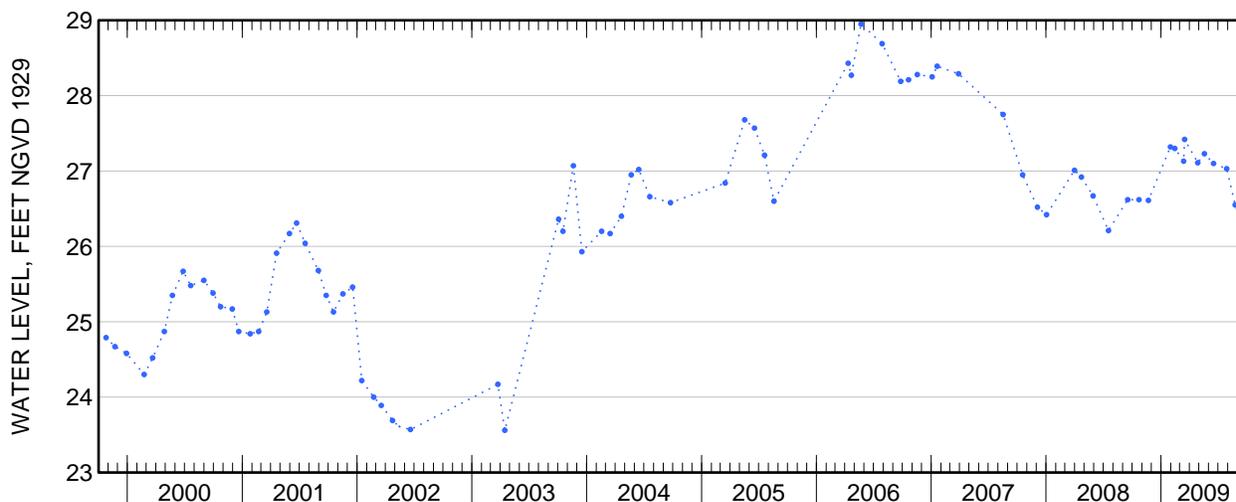
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.95 ft above sea level, May 22, 2006; lowest measured, 20.83 ft above sea level, March 5, 1980.

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

Date	Water level	Date	Water level
Oct 22	26.62	Apr 27	27.11
Nov 21	26.61	May 18	27.23
Jan 30	27.32	Jun 16	27.10
Feb 13	27.30	Jul 28	27.03
Mar 13	27.13	Aug 24	26.55
16	27.42	Sep 29	26.11





Water-Data Report 2009

405604073064302 Local number S 81831. 1

Northern Atlantic Coastal Plain aquifer system
 Magothy Aquifer
 Suffolk County, NY

LOCATION.--Lat 40°56'04.5", long 73°06'40.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at north side of North Country Road (State Route 25A), 199 ft west of Ridgeway Avenue, East Setauket.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 470 ft. Upper casing diameter 4 in; top of first opening 462 ft, bottom of last opening 467 ft.

DATUM.--Land-surface datum is 94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.96 ft below land-surface datum.

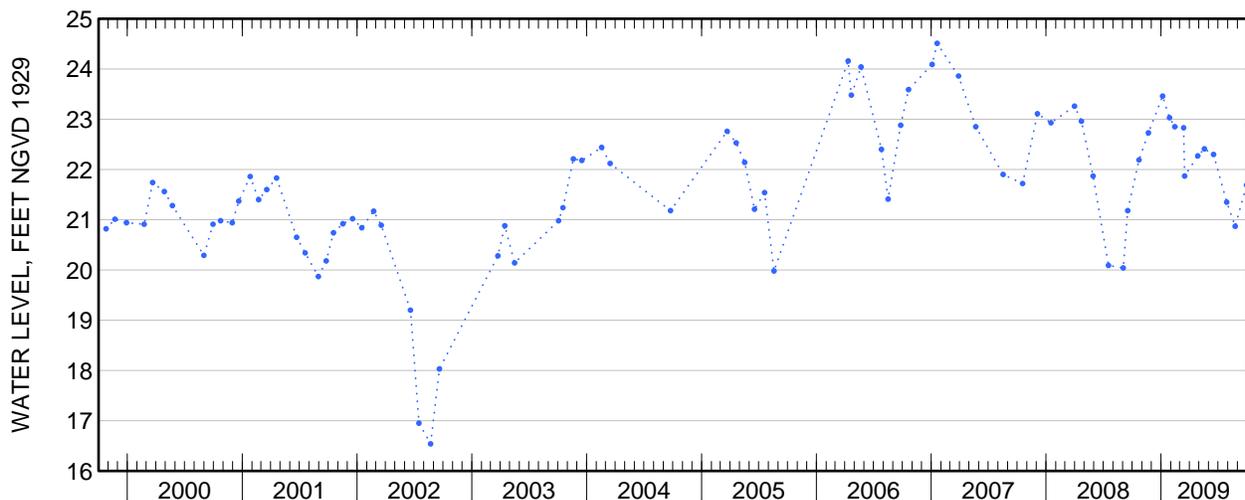
PERIOD OF RECORD.--March 1986 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.51 ft above sea level, January 19, 2007; lowest measured, 16.54 ft above sea level, August 22, 2002.

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

Date	Water level	Date	Water level
Oct 22	22.19	Apr 27	22.27
Nov 21	22.73	May 18	22.41
Jan 5	23.46	Jun 16	22.30
27	23.03	Jul 28	21.35
Feb 13	22.85	Aug 24	20.87
Mar 13	22.83	Sep 29	21.69
16	21.87		





Water-Data Report 2009

405604073080001 Local number S 62407. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'04.0", long 73°07'57.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 41 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.46 ft above land-surface datum.

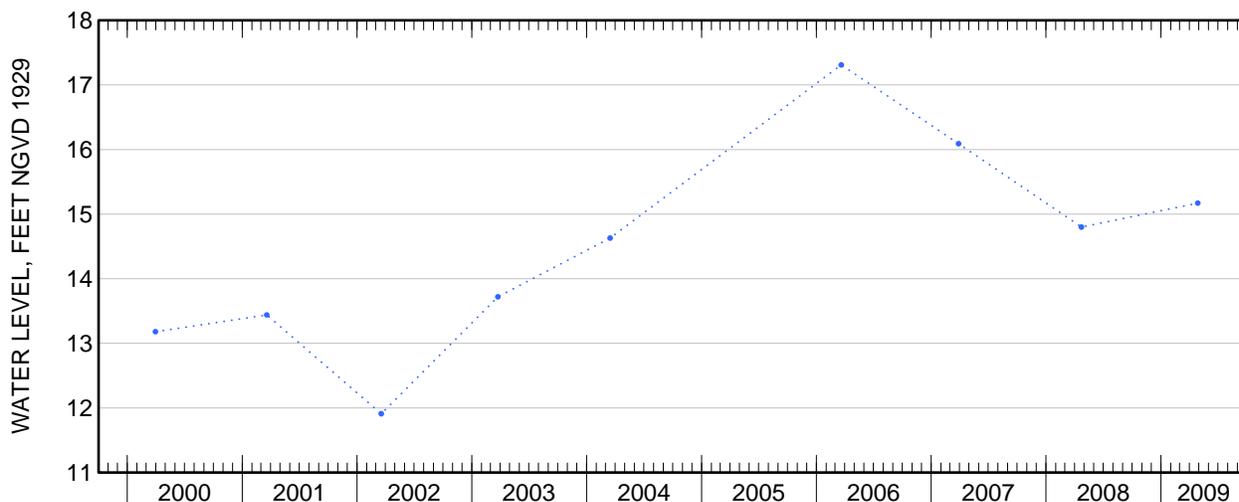
PERIOD OF RECORD.--October 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.31 ft above sea level, March 20, 2006; lowest measured, 11.55 ft above sea level, December 4, 1986.

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

Date	Water level
Apr 27	15.17





Water-Data Report 2009

405607072393502 Local number S 4523. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'08.0", long 72°39'31.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 13 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 17.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.01 ft below land-surface datum.

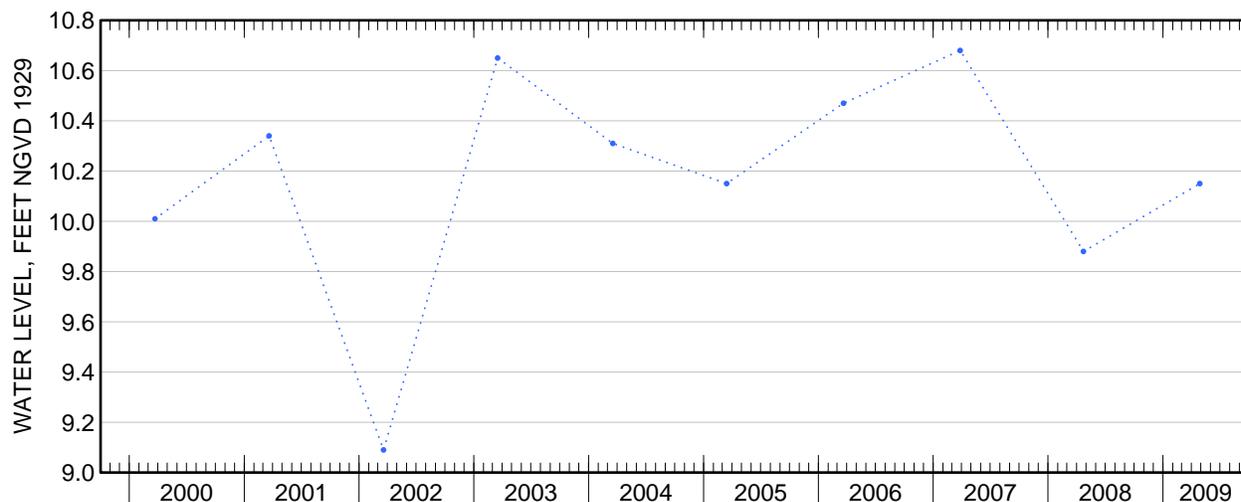
PERIOD OF RECORD.--September 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.43 ft above sea level, June 22, 1984; lowest measured, 6.79 ft above sea level, September 14, 1981.

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

Date	Water level
Apr 27	10.15





Water-Data Report 2009

405610072562501 Local number S 40853. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'10.4", long 72°56'23.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 78 ft. Upper casing diameter 2 in; top of first opening 74 ft, bottom of last opening 78 ft.

DATUM.--Land-surface datum is 100.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.11 ft below land-surface datum.

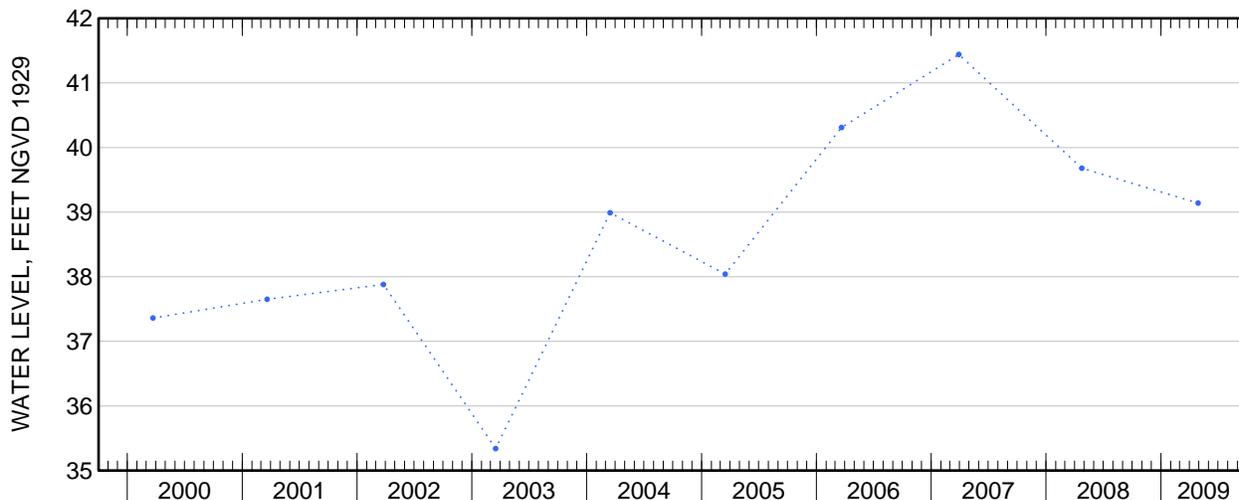
PERIOD OF RECORD.--October 1985 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.44 ft above sea level, March 29, 2007; lowest measured, 34.93 ft above sea level, March 12, 1996.

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

Date	Water level
Apr 28	39.14





Water-Data Report 2009

405615072182301 Local number S 59793. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°56'16", long 72°18'23" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 525 ft. Upper casing diameter 3 in; top of first opening 512 ft, bottom of last opening 522 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.04 ft below land-surface datum.

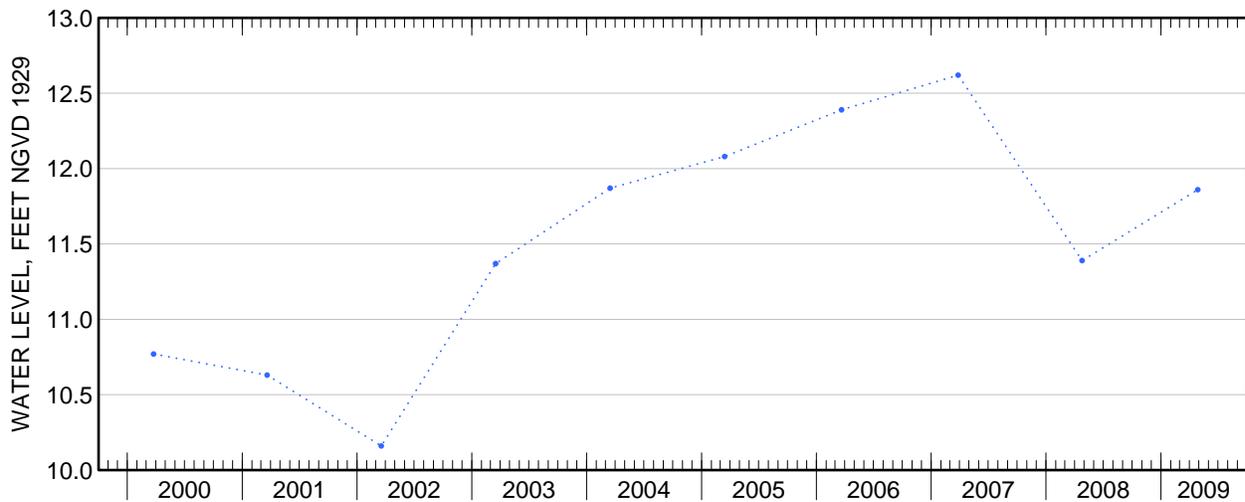
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.89 ft above sea level, June 20, 1984; lowest measured, 10.12 ft above sea level, September 18, 1986.

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

Date	Water level
Apr 27	11.86





Water-Data Report 2009

405616072182301 Local number S 62393. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'16", long 72°18'23" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 ft. Upper casing diameter 2 in; top of first opening 30 ft, bottom of last opening 34 ft.

DATUM.--Land-surface datum is 34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.32 ft below land-surface datum.

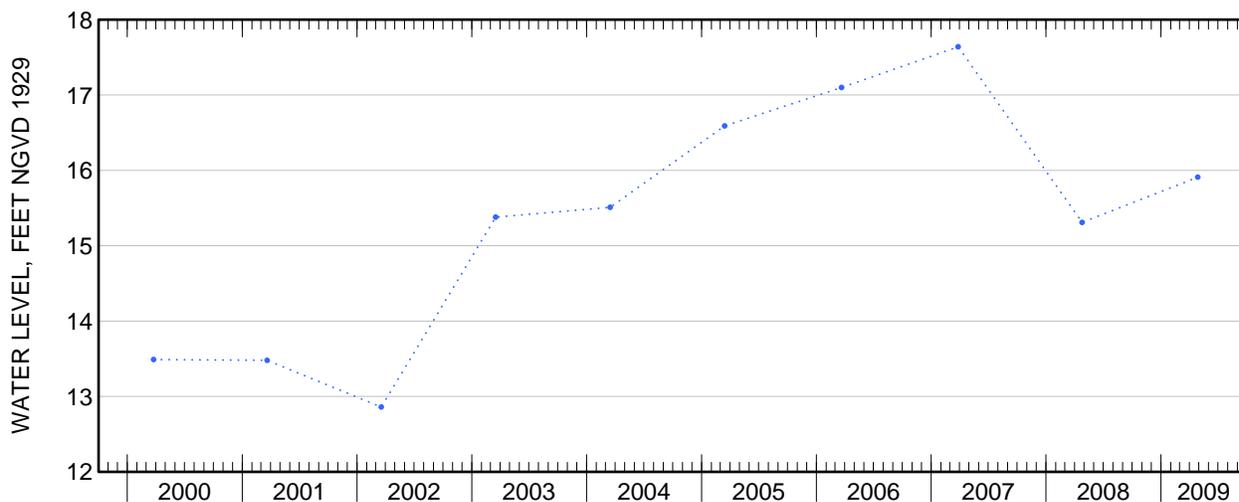
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.64 ft above sea level, March 27, 2007; lowest measured, 12.38 ft above sea level, December 6, 1985.

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

Date	Water level
Apr 27	15.91



Water-Data Report 2009

405620073022001 Local number S 46549. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°56'24", long 73°02'21" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at north side of North Country Road, 20 ft west of Crystal Hollow Brook Road, Mount Sinai.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 101 ft. Upper casing diameter 2 in; top of first opening 97 ft, bottom of last opening 101 ft.

DATUM.--Land-surface datum is 97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.11 ft above land-surface datum.

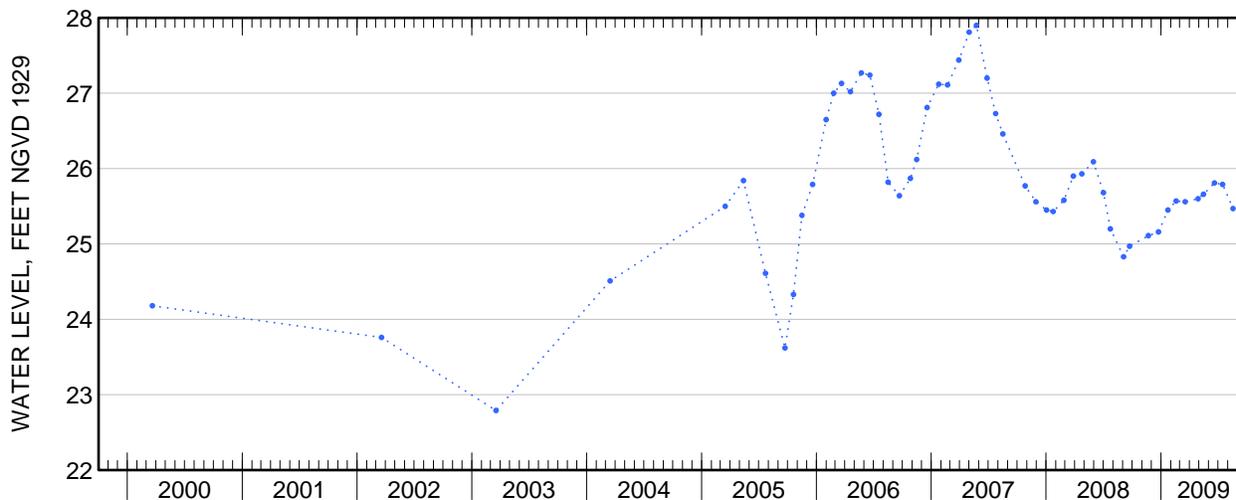
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.06 ft above sea level, December 26, 1979; lowest measured, 21.97 ft above sea level, December 4, 1986.

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

Date	Water level	Date	Water level
Nov 21	25.11	May 15	25.66
Dec 23	25.16	Jun 19	25.81
Jan 22	25.45	Jul 15	25.79
Feb 17	25.57	Aug 17	25.47
Mar 18	25.56	Sep 28	25.20
Apr 28	25.60		





Water-Data Report 2009

405628072164701 Local number S 8838. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°56'29.1", long 72°16'44.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Sagg Road, 153 ft north of Montauk Highway (State Route 27), Bridgehampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 46 ft. Upper casing diameter 6 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing inside steel elbow extension, 0.40 ft above land-surface datum.

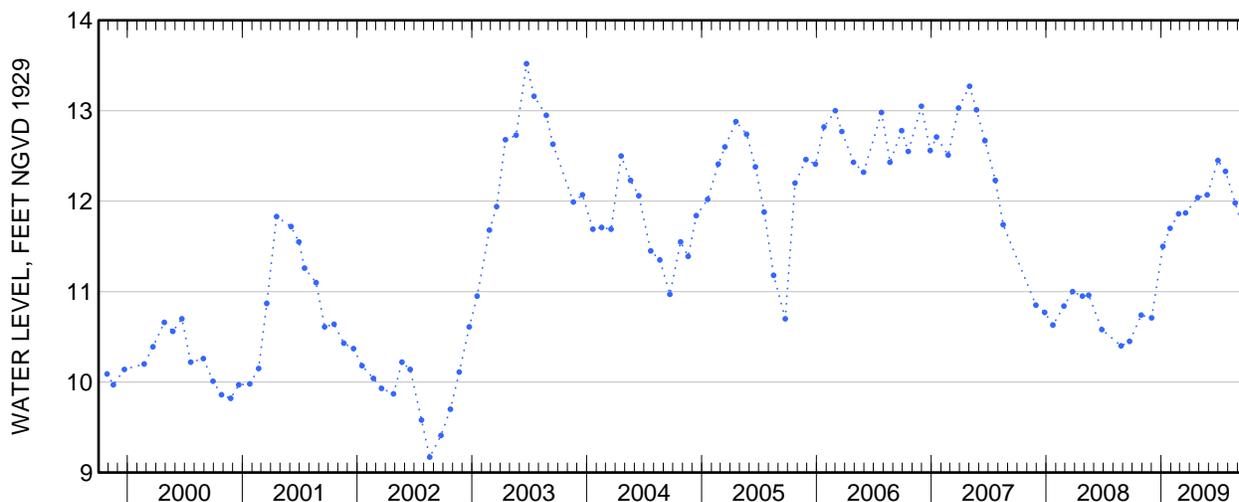
PERIOD OF RECORD.--July 1950 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.02 ft above sea level, June 25, 1998; lowest measured, 8.84 ft above sea level, August 8, 1966.

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

Date	Water level	Date	Water level
Oct 29	10.74	Apr 27	12.04
Dec 1	10.71	May 27	12.07
Jan 6	11.50	Jun 30	12.45
29	11.70	Jul 24	12.33
Feb 25	11.86	Aug 24	11.98
Mar 19	11.87	Sep 25	11.61





Water-Data Report 2009

405630072442001 Local number S 51577. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'30.6", long 72°44'18.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 95 ft. Upper casing diameter 6 in; top of first opening 83 ft, bottom of last opening 93 ft.

DATUM.--Land-surface datum is 80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 0.38 ft above land-surface datum.

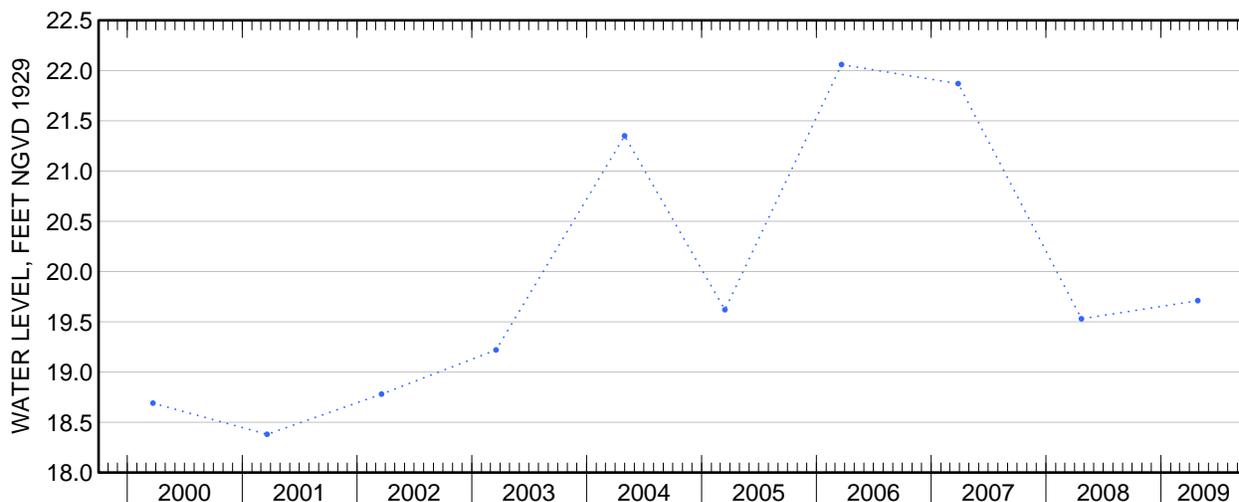
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.06 ft above sea level, March 21, 2006; lowest measured, 16.83 ft above sea level, August 28, 1995.

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

Date	Water level
Apr 27	19.71





Water-Data Report 2009

405634072380501 Local number S 51588. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'35.1", long 72°38'03.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 6 in; top of first opening 47 ft, bottom of last opening 57 ft.

DATUM.--Land-surface datum is 38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 3.39 ft below land-surface datum.

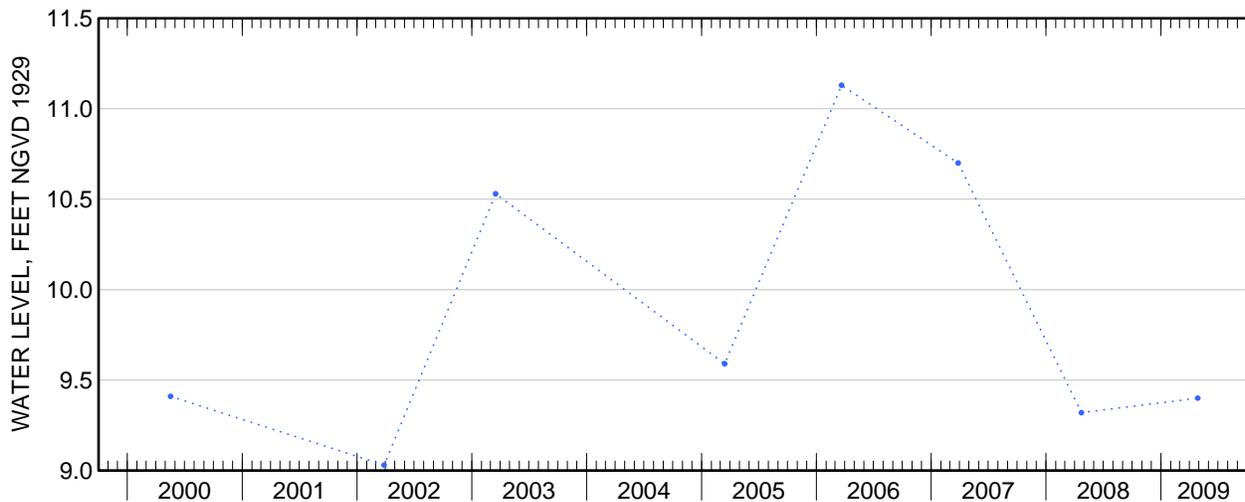
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.47 ft above sea level, June 15, 1984; lowest measured, 6.94 ft above sea level, December 14, 1980.

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

Date	Water level
Apr 27	9.40





Water-Data Report 2009

405642072240001 Local number S 59992. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°56'42.2", long 72°23'58.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 292 ft. Upper casing diameter 4 in; top of first opening 268 ft, bottom of last opening 278 ft.

DATUM.--Land-surface datum is 24.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.31 ft below land-surface datum.

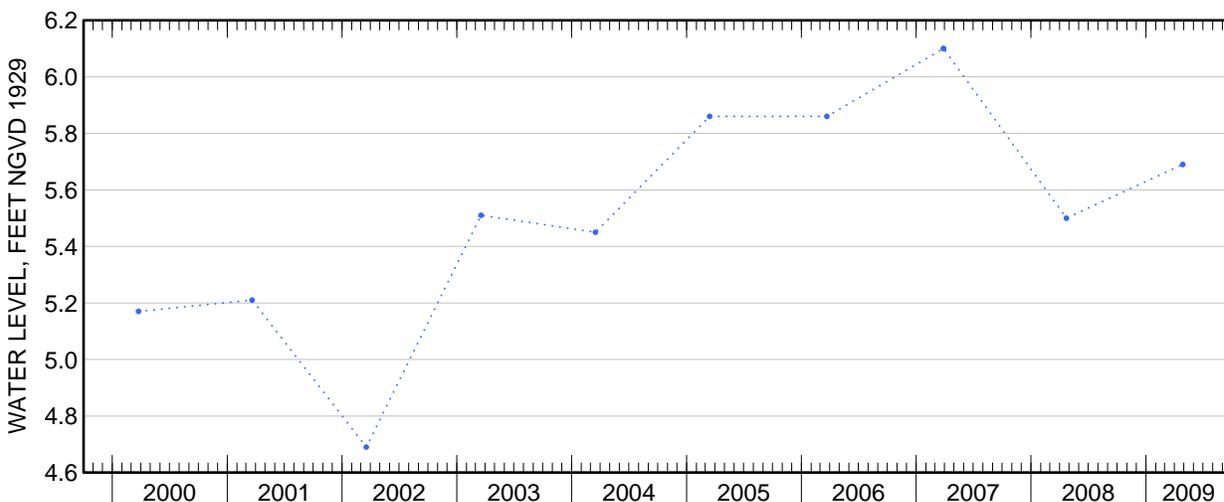
PERIOD OF RECORD.--November 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.52 ft above sea level, April 17, 1984; lowest measured, 4.46 ft above sea level, June 23, 1986.

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

Date	Water level
Apr 27	5.69





Water-Data Report 2009

405642072491901 Local number S 51586. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°56'42.5", long 72°49'17.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Route 25A, east of Sound Avenue, Wading River.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 100 ft. Upper casing diameter 6 in; top of first opening 88 ft, bottom of last opening 98 ft.

DATUM.--Land-surface datum is 97.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.74 ft below land-surface datum.

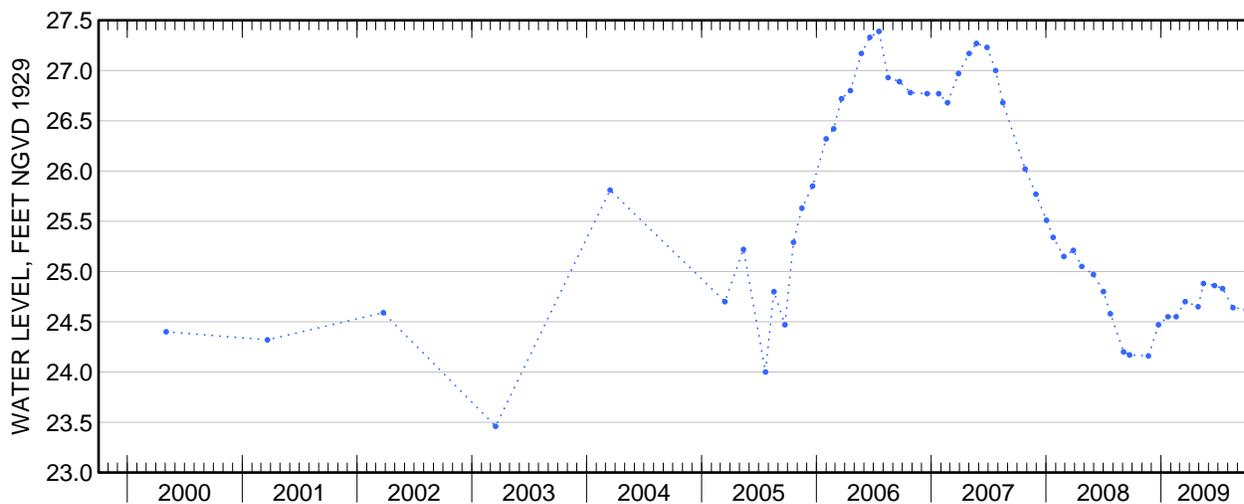
PERIOD OF RECORD.--September 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.62 ft above sea level, June 20, 1979; lowest measured, 22.24 ft above sea level, March 12, 1996.

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

Date	Water level	Date	Water level
Nov 21	24.16	May 15	24.88
Dec 23	24.47	Jun 19	24.86
Jan 22	24.55	Jul 15	24.83
Feb 17	24.55	Aug 17	24.64
Mar 18	24.70	Sep 28	24.62
Apr 28	24.65		





Water-Data Report 2009

405644073051201 Local number S 66511. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'44.2", long 73°05'09.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 121.6 ft. Upper casing diameter 4 in; top of first opening 116.6 ft, bottom of last opening 121.6 ft.

DATUM.--Land-surface datum is 105 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.90 ft above land-surface datum.

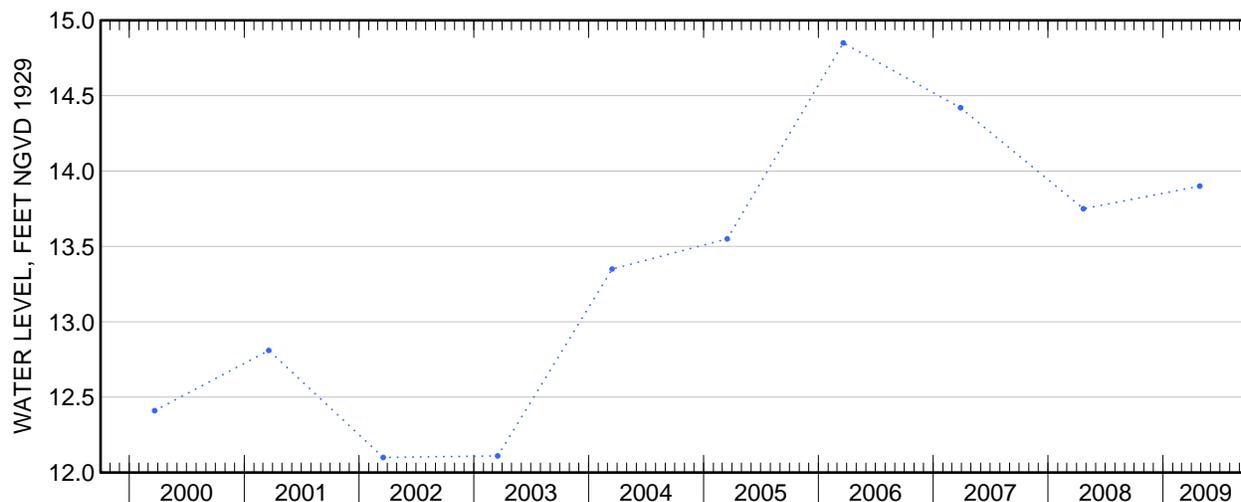
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.85 ft above sea level, March 20, 2006; lowest measured, 11.49 ft above sea level, December 28, 1981.

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

Date	Water level
Apr 27	13.90





Water-Data Report 2009

405646072564301 Local number S 40852. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'56.5", long 72°56'41.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 97 ft. Upper casing diameter 2 in; top of first opening 95 ft, bottom of last opening 97 ft.

DATUM.--Land-surface datum is 114.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.37 ft below land-surface datum.

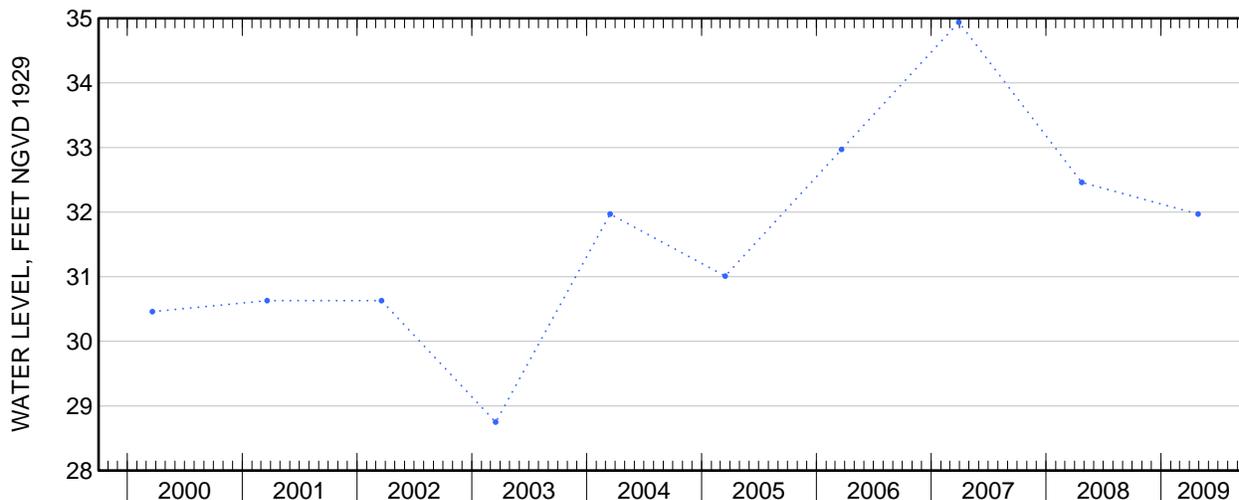
PERIOD OF RECORD.--July 1971 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.58 ft above sea level, December 27, 1979; lowest measured, 28.09 ft above sea level, March 20, 1972.

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

Date	Water level
Apr 28	31.97





Water-Data Report 2009

405650072542002 Local number S 6411. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°56'49.9", long 72°54'18.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of State Route 25A, 100 ft west of Ridge Road, Shoreham.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 140 ft. Upper casing diameter 2 in; top of first opening 130 ft, bottom of last opening 140 ft.

DATUM.--Land-surface datum is 141 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.59 ft below land-surface datum.

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

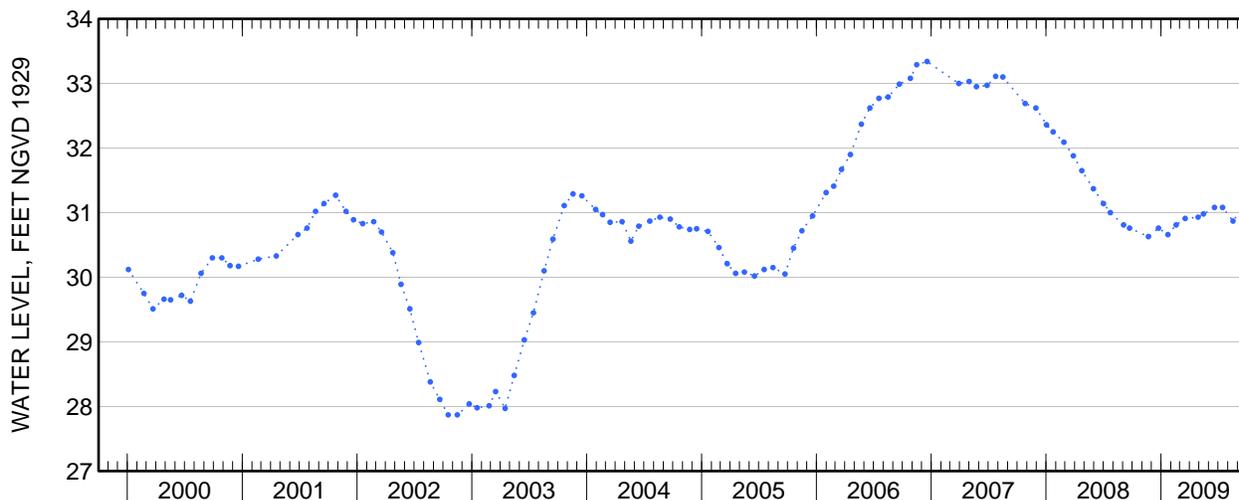
GAGE.--Measurement with chalked tape by United States Geological Survey personnel.

REMARKS.--Replaced well S6411.1 in August 1999 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.34 ft above sea level, December 18, 2006; lowest measured, 27.87 ft above sea level, October 17 and November 15, 2002.

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

Date	Water level	Date	Water level
Nov 21	30.63	May 15	30.98
Dec 23	30.76	Jun 19	31.08
Jan 22	30.66	Jul 15	31.08
Feb 17	30.81	Aug 17	30.87
Mar 18	30.91	Sep 28	31.17
Apr 28	30.93		





Water-Data Report 2009

405706072345601 Local number S 54885. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°57'06", long 72°34'56" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 2 in; top of first opening 16 ft, bottom of last opening 20 ft.

DATUM.--Land-surface datum is 11.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.05 ft above land-surface datum.

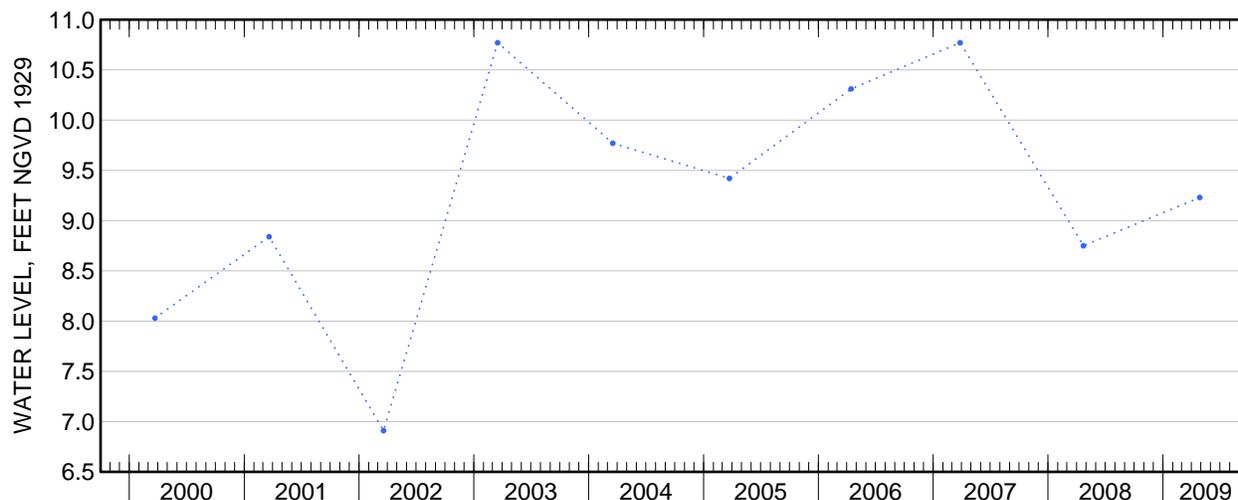
PERIOD OF RECORD.--October 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.83 ft above sea level, March 29, 1979; lowest measured, 4.33 ft above sea level, January 19, 1983.

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

Date	Water level
Apr 27	9.23





Water-Data Report 2009

405715072193701 Local number S 33921. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°57'15", long 72°19'37" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Scuttlehole Road, 0.10 miles east of Millstone Road, Bridgehampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 174 ft. Upper casing diameter 6 in; top of first opening 159 ft, bottom of last opening 174 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel reducer bushing, 2.42 ft above land-surface datum.

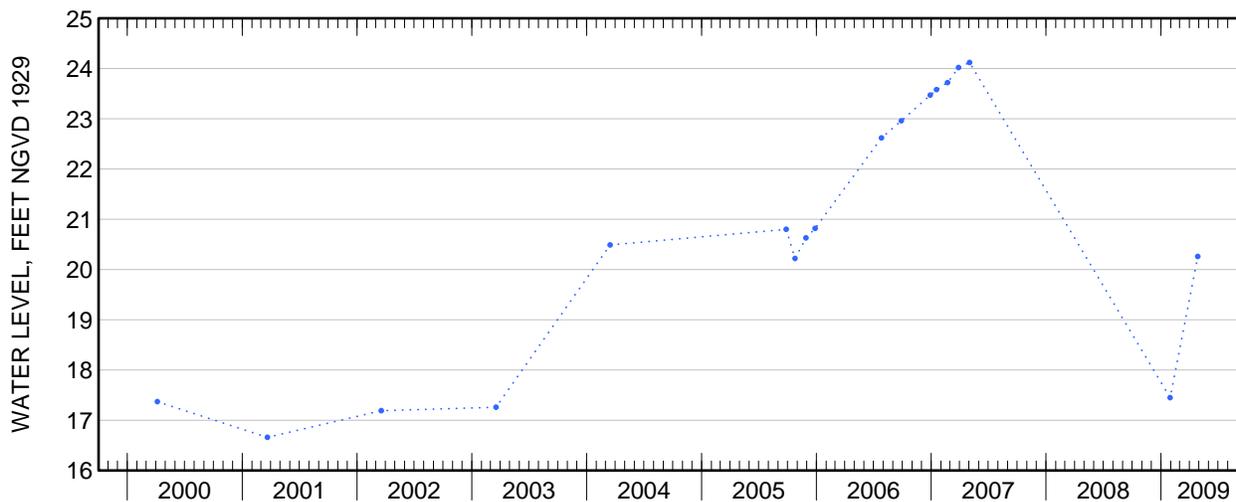
PERIOD OF RECORD.--January 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.30 ft above sea level, March 30, 1978; lowest measured, 15.17 ft above sea level, December 17, 1981.

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

Date	Water level	Date	Water level
Jan 29	17.45	Apr 27	20.26





Water-Data Report 2009

405722072342001 Local number S 51581. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°57'28.3", long 72°34'22.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 6 in; top of first opening 32 ft, bottom of last opening 42 ft.

DATUM.--Land-surface datum is 32 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 4.57 ft below land-surface datum.

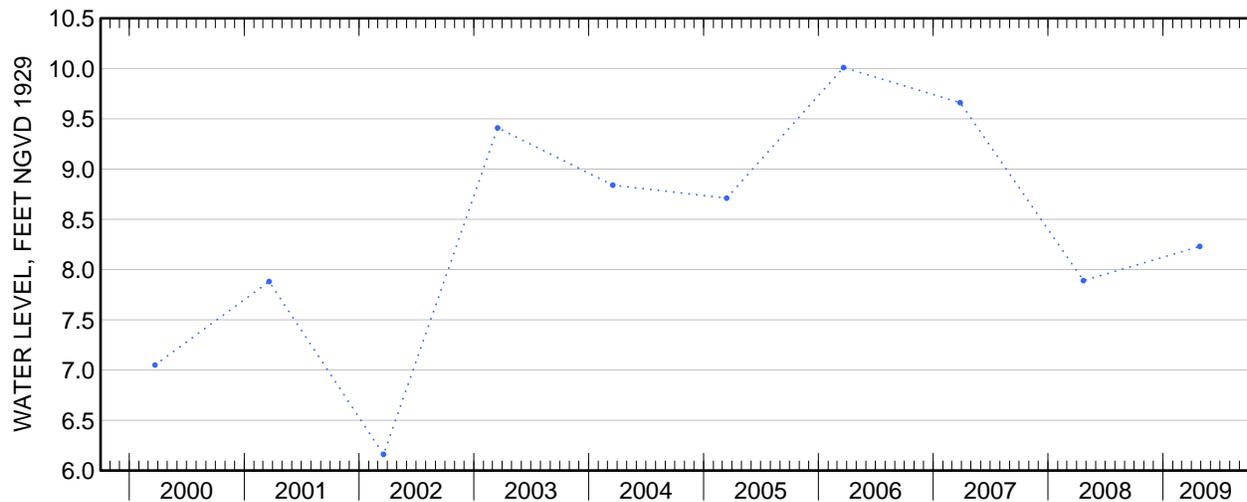
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.50 ft above sea level, March 7, 1979; lowest measured, 5.18 ft above sea level, September 14, 1980.

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

Date	Water level
Apr 27	8.23





Water-Data Report 2009

405737072215801 Local number S 58958. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°57'38.8", long 72°21'56.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 210 ft. Upper casing diameter 4 in; top of first opening 203 ft, bottom of last opening 208 ft.

DATUM.--Land-surface datum is 190 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.15 ft below land-surface datum.

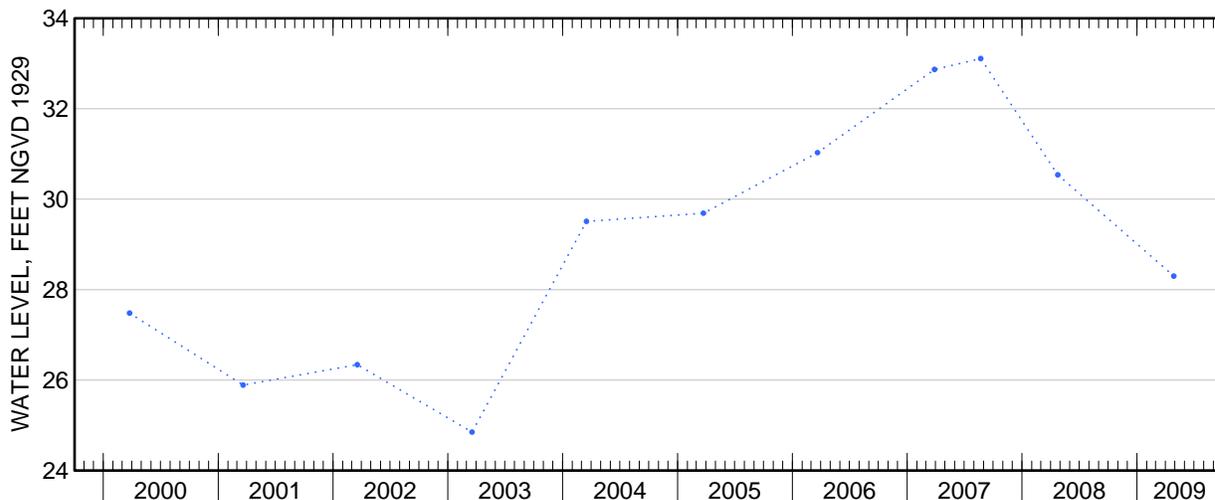
PERIOD OF RECORD.--September 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.11 ft above sea level, August 22, 2007; lowest measured, 24.27 ft above sea level, March 19, 1996.

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

Date	Water level
Apr 27	28.30





Water-Data Report 2009

405741072144800 Local number S 46525. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°57'41", long 72°14'48" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 40 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 41.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.26 ft below land-surface datum.

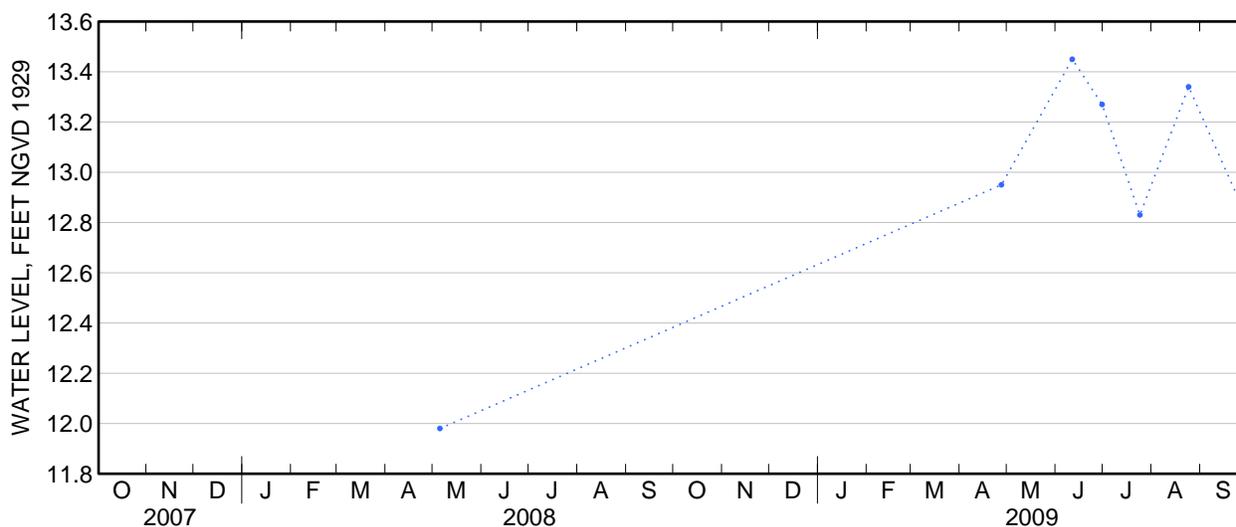
PERIOD OF RECORD.--November 1972 to March 1996 and May 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.13 ft above sea level, June 20, 1984; lowest measured, 9.24 ft above sea level, December 17, 1981.

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

Date	Water level	Date	Water level
Apr 27	12.95	Jul 24	12.83
Jun 11	13.45	Aug 24	13.34
30	13.27	Sep 25	12.89





Water-Data Report 2009

405741072161801 Local number S106189. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°57'40.8", long 72°16'15.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 92 ft. Upper casing diameter 2 in; top of first opening 77 ft, bottom of last opening 87 ft.

DATUM.--Land-surface datum is 70.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

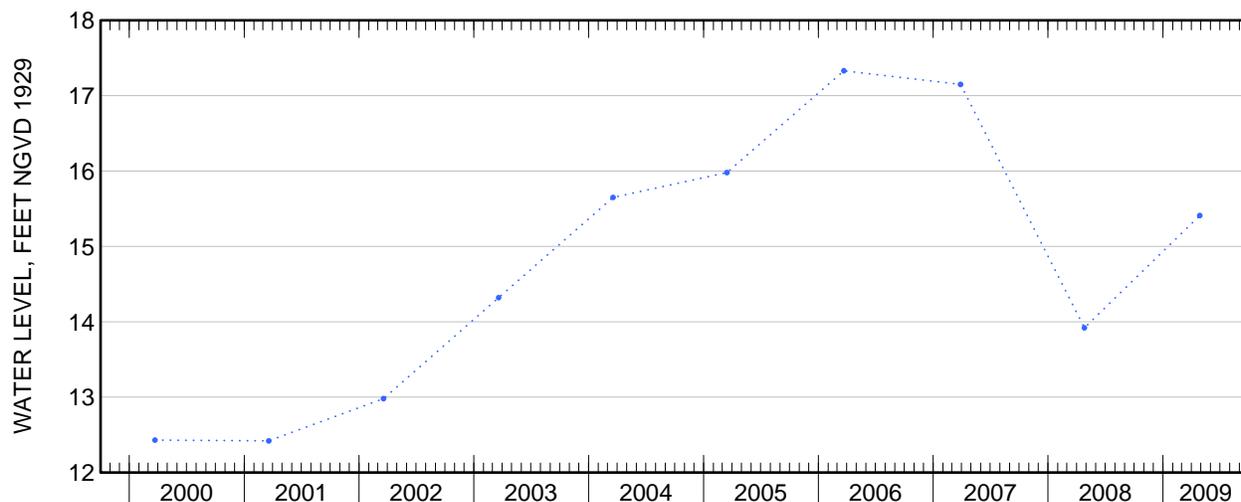
PERIOD OF RECORD.--September 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.33 ft above sea level, March 22, 2006; lowest measured, 12.42 ft above sea level, March 19, 2001.

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

Date	Water level
Apr 27	15.41





Water-Data Report 2009

405746072175901 Local number S 46527. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°57'47", long 72°18'00" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 2 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.12 ft below land-surface datum.

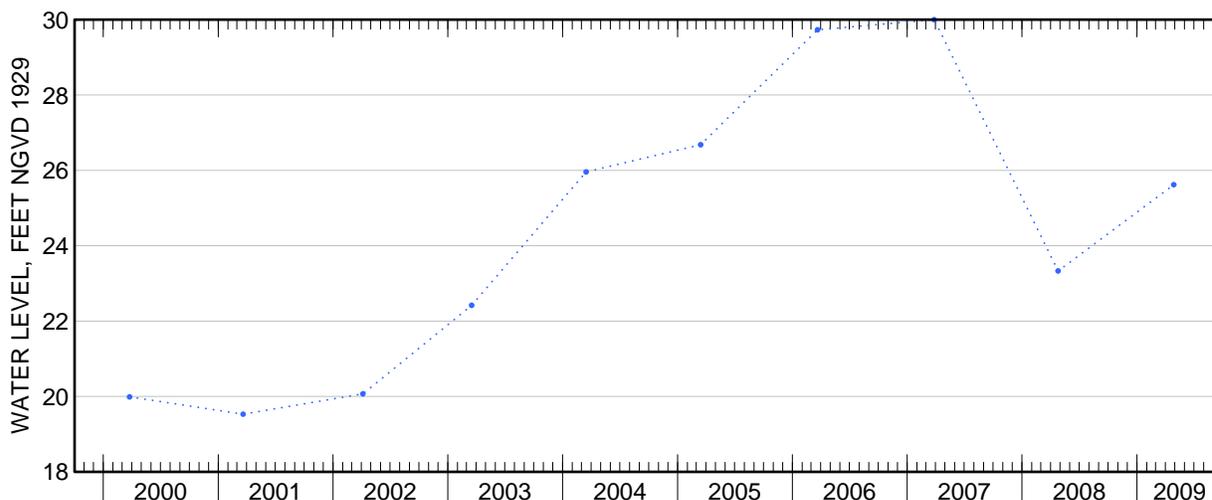
PERIOD OF RECORD.--November 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.01 ft above sea level, March 30, 1979; lowest measured, 18.19 ft above sea level, December 17, 1981.

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

Date	Water level
Apr 27	25.62





Water-Data Report 2009

405805072403701 Local number S 51571. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°58'05.6", long 72°40'34.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 108 ft. Upper casing diameter 6 in; top of first opening 95 ft, bottom of last opening 105 ft.

DATUM.--Land-surface datum is 88 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.75 ft below land-surface datum.

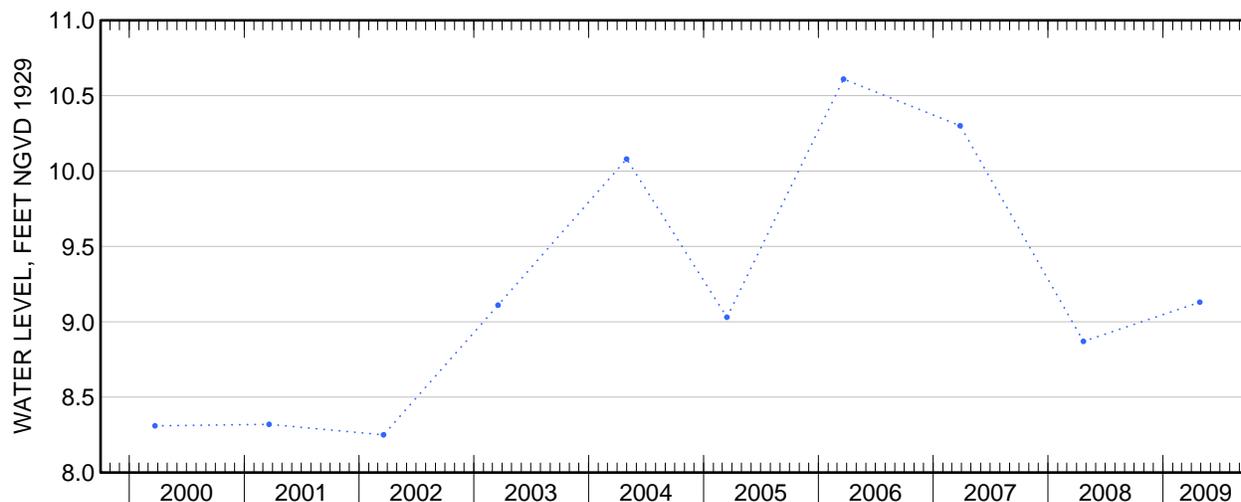
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.61 ft above sea level, March 21, 2006; lowest measured, 7.19 ft above sea level, September 20, 1980.

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

Date	Water level
Apr 27	9.13



Water-Data Report 2009

405807072121001 Local number S 48429. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°58'10.6", long 72°12'09.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Long Lane, west of exit road from East Hampton High School, East Hampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66 ft. Upper casing diameter 4 in; top of first opening 54 ft, bottom of last opening 64 ft.

DATUM.--Land-surface datum is 50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.19 ft above land-surface datum.

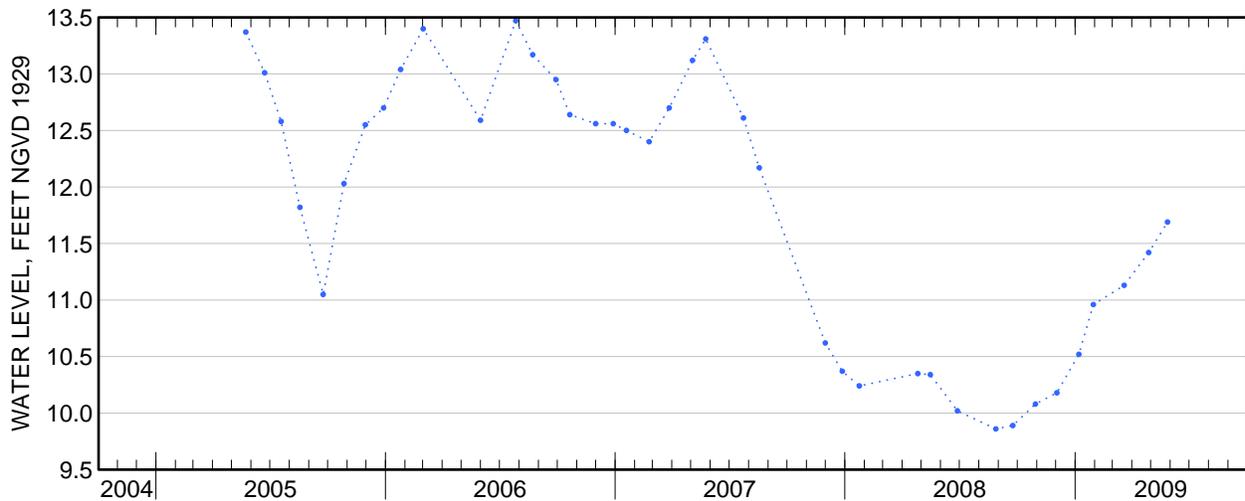
PERIOD OF RECORD.--January 1974 to March 1983, March 1990, March 1994, and May 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.47 ft above sea level, July 26, 2006; lowest measured, 9.81 ft above sea level, January 28, 1975.

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

Date	Water level	Date	Water level
Oct 29	10.08	Mar 19	11.13
Dec 2	10.18	Apr 27	11.42
Jan 6	10.52	May 27	11.69
29	10.96		





Water-Data Report 2009

405827072190501 Local number S 58960. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°58'26.5", long 72°19'03.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Brick Kiln Road, 2,203 ft south of Stony Hill Road, 289 ft south of high voltage power lines, Bridgehampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 157 ft. Upper casing diameter 4 in; top of first opening 150 ft, bottom of last opening 155 ft.

DATUM.--Land-surface datum is 134.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.47 ft below land-surface datum.

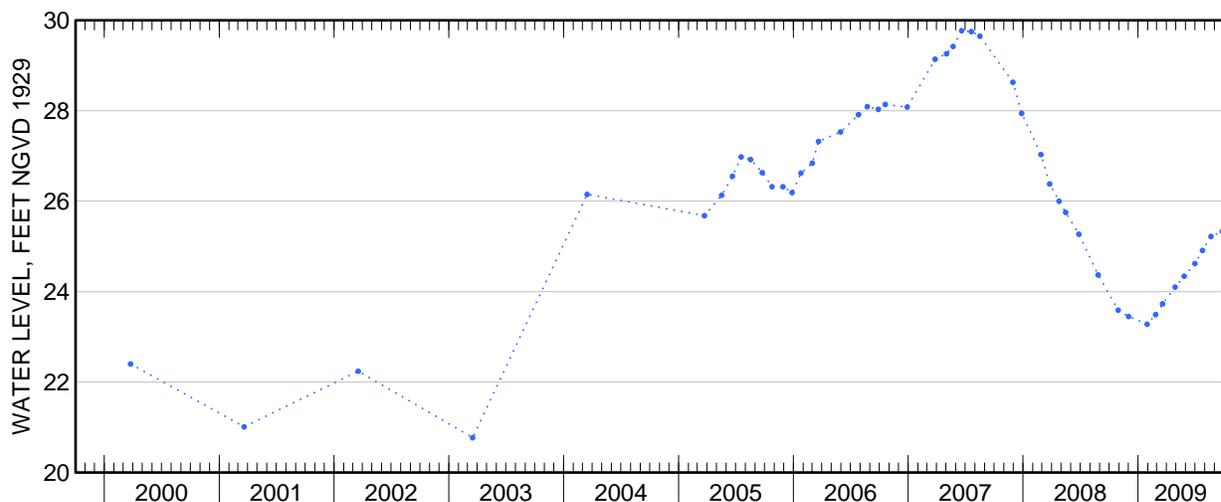
PERIOD OF RECORD.--October 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.77 ft above sea level, June 19, 2007; lowest measured, 19.40 ft above sea level, March 3, 1982.

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

Date	Water level	Date	Water level
Oct 29	23.59	May 27	24.34
Dec 1	23.45	Jun 30	24.62
Jan 29	23.28	Jul 24	24.91
Feb 25	23.49	Aug 20	25.22
Mar 19	23.73	Sep 25	25.33
Apr 28	24.10		





Water-Data Report 2009

405829072084302 Local number S 8839. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°58'29", long 72°08'43" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Windmill Lane, 0.1 mi north of State Route 27, Amaganset.

GROUNDWATER 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 37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft below land-surface datum.

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

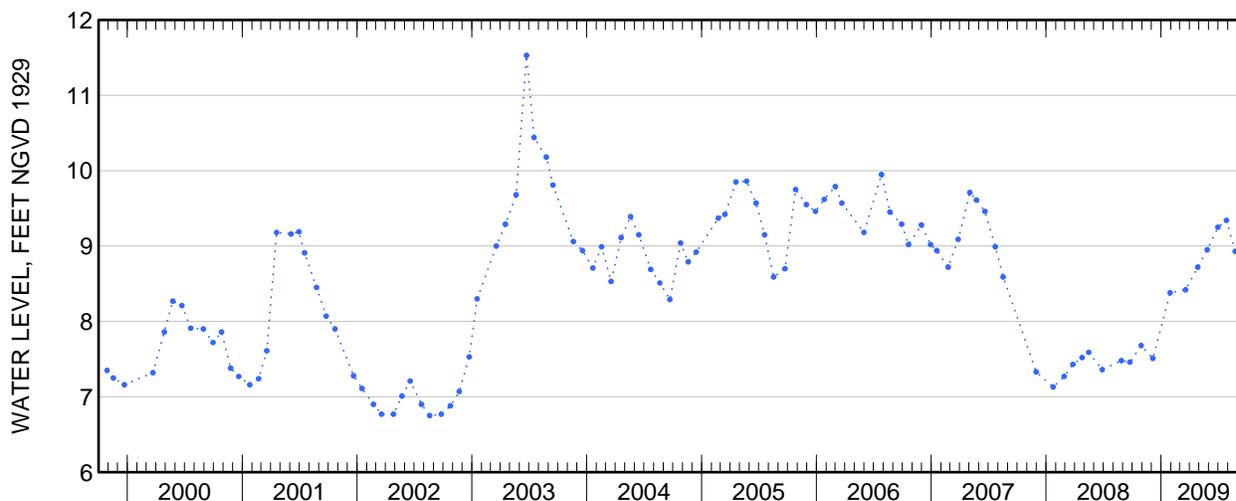
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S8839.1 in August 1999 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.53 ft above sea level, June 23, 2003; lowest measured, 6.75 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 29	7.68	May 27	8.95
Dec 5	7.51	Jun 30	9.25
Jan 29	8.38	Jul 27	9.34
Mar 19	8.42	Aug 24	8.93
Apr 27	8.72	Sep 25	8.59





Water-Data Report 2009

405844072191701 Local number S106185. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°58'44.7", long 72°19'15.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 135 ft. Upper casing diameter 2 in; top of first opening 115 ft, bottom of last opening 125 ft.

DATUM.--Land-surface datum is 114.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.32 ft below land-surface datum.

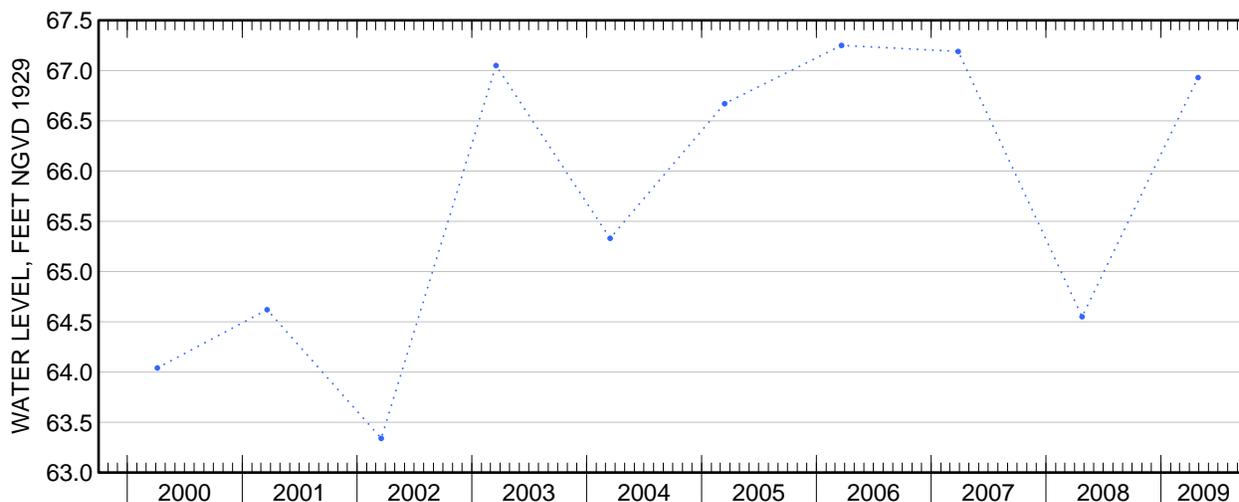
PERIOD OF RECORD.--September 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 67.25 ft above sea level, March 21, 2006; lowest measured, 63.34 ft above sea level, January 23, 1995.

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

Date	Water level
Apr 28	66.93





Water-Data Report 2009

405844072191702 Local number S105711. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°58'44.8", long 72°19'15.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 392 ft. Upper casing diameter 4 in; top of first opening 372 ft, bottom of last opening 382 ft.

DATUM.--Land-surface datum is 114.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.51 ft below land-surface datum.

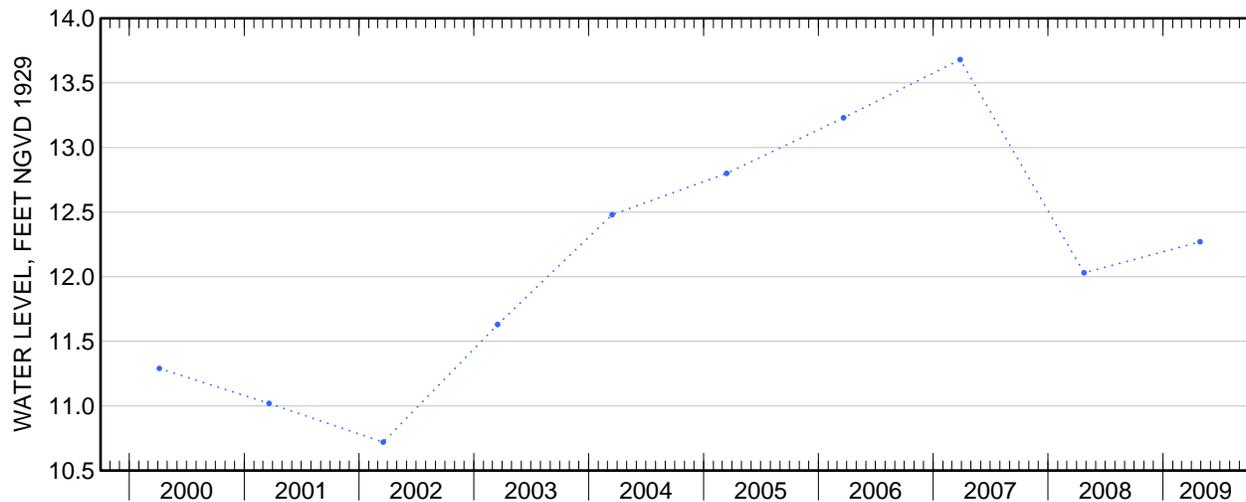
PERIOD OF RECORD.--January 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.68 ft above sea level, March 27, 2007; lowest measured, 10.72 ft above sea level, March 18, 2002.

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

Date	Water level
Apr 28	12.27





Water-Data Report 2009

405858072213601 Local number S 73998. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°58'58.8", long 72°21'34.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south end of Club Lane, 624 ft west of Wildwood Road, near Highway Department entrance, southernmost well, Noyack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 803 ft. Upper casing diameter 1.25 in; top of first opening 795 ft, bottom of last opening 800 ft.

DATUM.--Land-surface datum is 99.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

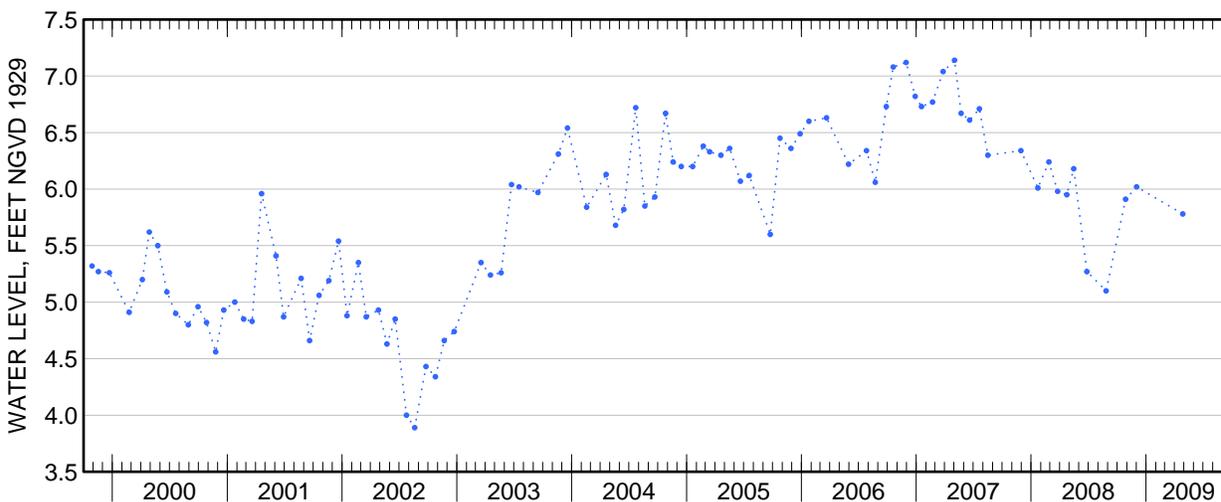
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.14 ft above sea level, May 2, 2007; lowest measured, 3.89 ft above sea level, August 19, 2002.

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

Date	Water level	Date	Water level
Oct 27	5.91	Apr 27	5.78
Dec 1	6.02		





Water-Data Report 2009

405900072192901 Local number S 57369. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°59'00.1", long 72°19'27.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 97 ft. Upper casing diameter 2 in; top of first opening 93 ft, bottom of last opening 97 ft.

DATUM.--Land-surface datum is 76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.11 ft below land-surface datum.

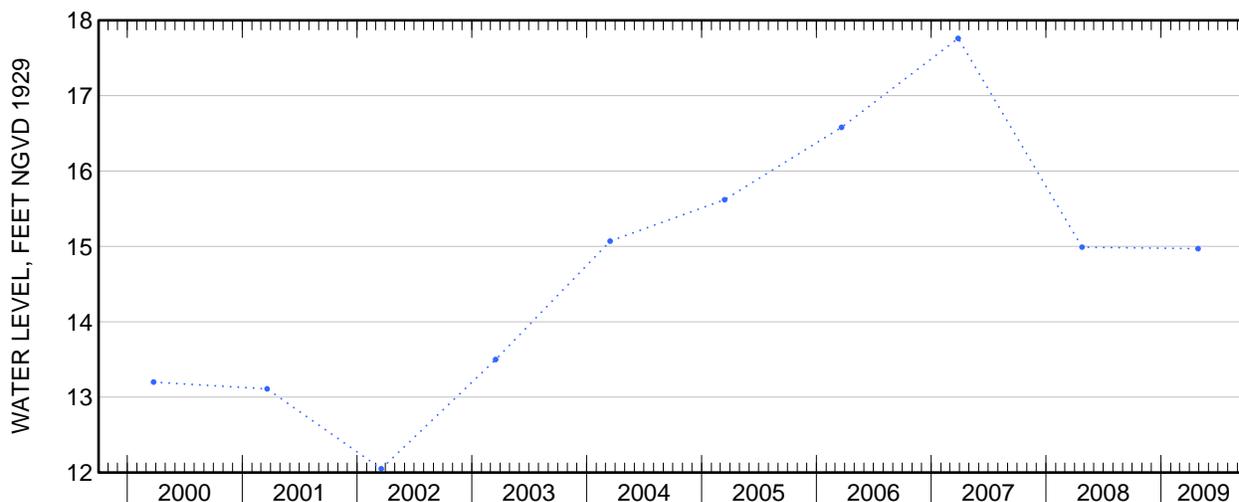
PERIOD OF RECORD.--November 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.76 ft above sea level, March 27, 2007; lowest measured, 12.05 ft above sea level, March 18, 2002.

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

Date	Water level
Apr 28	14.97





Water-Data Report 2009

405906072153501 Local number S 46524. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°59'06.9", long 72°15'31.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of State Highway 114, 28 ft west of Wainscott Northwest Road, Hardscrabble.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 17 ft. Upper casing diameter 2 in; top of first opening 12 ft, bottom of last opening 17 ft.

DATUM.--Land-surface datum is 15.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.32 ft below land-surface datum.

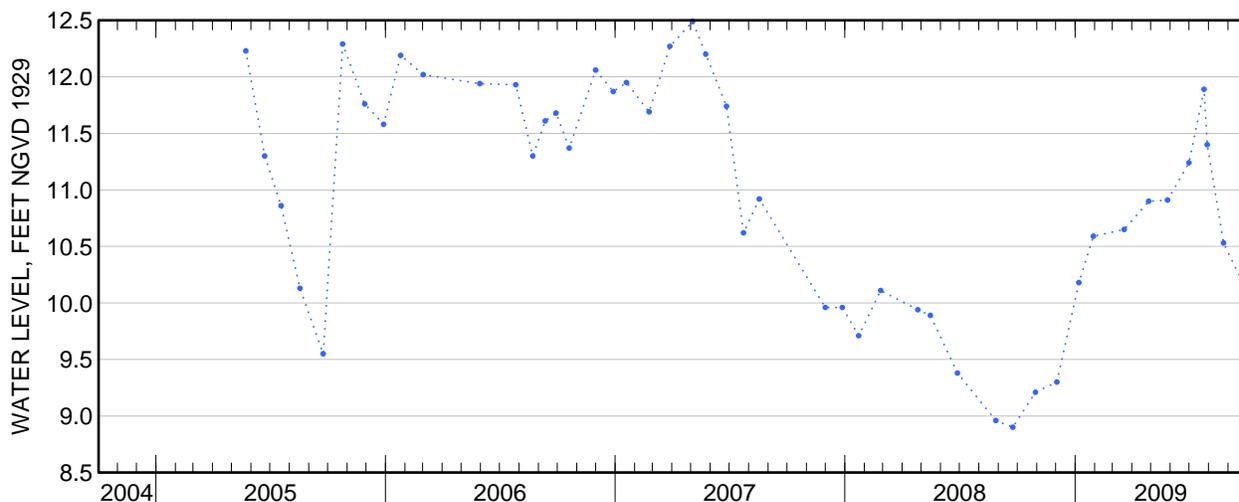
PERIOD OF RECORD.--November 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.61 ft above sea level, June 20, 1984; lowest measured, 8.09 ft above sea level, September 17, 1981.

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

Date	Water level	Date	Water level
Oct 29	9.21	May 27	10.91
Dec 2	9.3	Jun 30	11.24
Jan 6	10.18	Jul 24	11.89
29	10.59	29	11.40
Mar 19	10.65	Aug 24	10.53
Apr 27	10.90	Sep 25	10.16



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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, unfiltered, water, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, 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, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
07-29-2009	0915	4.30	< 1.0	5.1	1,050	12.8	12	638	16.3	8.29

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Silica, water, filtered, mg/L as SiO ₂ (00955)
07-29-2009	1.40	179	5.2	6.3	.12	335	< .08	M	5.86

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	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)	Orthophosphate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, μg/L (01106)	Barium, water, filtered, μg/L (01005)	Beryllium, water, filtered, μg/L (01010)
07-29-2009	12.6	E .011	.12	< .002	.010	.12	206	162	.21

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Cadmium, water, filtered, μg/L (01025)	Chromium, water, filtered, μg/L (01030)	Cobalt, water, filtered, μg/L (01035)	Copper, water, filtered, μg/L (01040)	Iron, water, filtered, μg/L (01046)	Lead, water, filtered, μg/L (01049)	Lithium, water, filtered, μg/L (01130)	Manganese, water, filtered, μg/L (01056)	Molybdenum, water, filtered, μg/L (01060)	Nickel, water, filtered, μg/L (01065)
07-29-2009	.20	.17	.31	< 1.0	564	.06	< 1.0	1,110	M	.70

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Silver, water, filtered, μg/L (01075)	Strontium, water, filtered, μg/L (01080)	Thallium, water, filtered, μg/L (01057)	Vanadium, water, filtered, μg/L (01085)	Zinc, water, filtered, μg/L (01090)	Arsenic, water, filtered, μg/L (01000)	Boron, water, filtered, μg/L (01020)	Selenium, water, filtered, μg/L (01145)	1,2,3-Trichloropropane, water, unfiltered, recoverable, μg/L (77443)	1,2-Dibromo-3-chloropropane, water, unfiltered, recoverable, μg/L (82625)
07-29-2009	< .01	68.8	< .04	.61	< 2.0	.21	15	.13	< .12	< 1.0

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	1,2-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)	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-D methyl ester, water, filtered, recoverable, μg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, per liter as 2,4-D (66496)	2,4-D, water, filtered, recoverable, μg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38746)
07-29-2009	< .04	< .1	< .02	< .1	< .02	< .04	< .200	< .02	< .06	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	2,6-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-triazine, water, filtered, recoverable, μg/L (04040)	2-Chloro-6-ethylamino-4-triazine, water, filtered, recoverable, μg/L (04038)	2-Ethyl-6-methylaniline, water, filtered, recoverable, μg/L (61620)	2-Hydroxy-4-isopropylamino-6-ethylamino-6-triazine, water, filtered, recoverable, μg/L (50355)	3,4-Dichloroaniline, water, filtered, recoverable, μg/L (61625)	3,5-Dichloroaniline, water, filtered, recoverable, μg/L (61627)	3-Chloropropene, water, unfiltered, recoverable, μg/L (78109)	3-Hydroxycarbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49308)
07-29-2009	< .006	< .010	< .014	< .06	< .010	< .060	< .004	< .004	< .08	< .040

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	4-Chloro-2-methylphenol, water, filtered, recoverable, μg/L (61633)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49315)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49312)	alpha-Endosulfan, water, filtered, recoverable, μg/L (34362)	Aminomethylphosphonic acid, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62649)
07-29-2009	< .005	< .010	< .040	< 0.4	< .008	< .08	< .060	< .12	< .006	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Atrazine, water, filtered, recoverable, μg/L (39632)	Azinphosmethyl oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82686)	Bendiocarb, water, filtered, recoverable, μg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyl, water, filtered, recoverable, μg/L (50300)	Ben-sulfuronmethyl, water, filtered, recoverable, μg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38711)	Bromacil, water, filtered, recoverable, μg/L (04029)	Bromomethane, water, unfiltered, recoverable, μg/L (34413)
07-29-2009	< .007	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06	< .4

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Bromoxynil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor- amben methyl ester, water, filtered, recover- able, μg/L (61188)	Chlori- muron- ethyl, water, filtered, recover- able, μg/L (50306)	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)	cis-1,3-Di- chloro- propene, water, unfiltered, recover- able, μg/L (34704)
07-29-2009	< .12	< .04	< .200	< .040	< .060	< .04	< .10	< .080	< .010	< .10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	cis- Permethrin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82687)	cis- Propicon- azole, water, filtered, recover- able, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49305)	Cyanazine, water, filtered, recover- able, μg/L (04041)	Cycloate, water, filtered, recover- able, μg/L (04031)	Cyfluthrin, water, filtered, recover- able, μg/L (61585)	Cyper- methrin, water, filtered, recover- able, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82682)	Desulfinyl- fipronil amide, water, filtered, recover- able, μg/L (62169)
07-29-2009	< .014	< .006	< .06	< .040	< .04	< .016	< .020	< .04	< .006	< .029

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Desulfinyl- fipronil, water, filtered, recover- able, μg/L (62170)	Diazinon, water, filtered, recover- able, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38442)	Dichlor- prop, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49302)	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49301)	Di- phenamid, water, filtered, recover- able, μg/L (04033)
07-29-2009	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Disulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenamiphos sulfone, water, filtered, recoverable, μg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, μg/L (61646)
07-29-2009	< .01	< .04	< .04	< .022	< .002	< .02	< .012	< .016	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49297)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil sulfone, water, filtered, recoverable, μg/L (62168)	Fipronil, water, filtered, recoverable, μg/L (62166)	Flumetsulam, water, filtered, recoverable, μg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38811)	Fonofos, water, filtered, recoverable, μg/L (04095)	Glufosinate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62721)	Glyphosate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62722)
07-29-2009	< .03	< .06	< .013	< .024	< .040	< .06	< .04	< .010	< .02	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Hexazinone, water, filtered, recoverable, μg/L (04025)	Imazaquin, water, filtered, recoverable, μg/L (50356)	Imazethapyr, water, filtered, recoverable, μg/L (50407)	Imidacloprid, water, filtered, recoverable, μg/L (61695)	Iodomethane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, μg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38478)	Malaonoxon, water, filtered, recoverable, μg/L (61652)
07-29-2009	< .008	< .06	< .06	< .060	< .80	< .014	< .006	< .010	< .04	< .080

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Malathion, water, filtered, recover- able, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38487)	Metalaxyl, water, filtered, recover- able, μg/L (50359)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49296)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)
07-29-2009	< .020	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82671)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	N-(4- Chloro- phenyl)-N'- methyl- urea, water, filtered, recover- able, μg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49294)	Nico- sulfuron, water, filtered, recover- able, μg/L (50364)	Nor- flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38866)
07-29-2009	< .014	< .016	< .002	< .010	< .06	< .02	< .10	< .04	< .04	< .12

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Oxy-fluorfen, water, filtered, recoverable, μg/L (61600)	Pendi-methalin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, μg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, μg/L (61668)	Phosmet, water, filtered, recoverable, μg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49291)	Prometon, water, filtered, recoverable, μg/L (04037)	Prometryn, water, filtered, recoverable, μg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82679)
07-29-2009	< .006	< .012	< .03	< .020	< .05	< .200	< .12	< .01	< .006	< .014

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[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49236)	Propiconazole, water, filtered, recoverable, μg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38538)	Propyzamide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82676)	Siduron, water, filtered, recoverable, μg/L (38548)	Simazine, water, filtered, recoverable, μg/L (04035)	Sulfo-meturon-methyl, water, filtered, recoverable, μg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82670)	Tefluthrin, water, filtered, recoverable, μg/L (61606)
07-29-2009	< .02	< .040	< .04	< .060	< .004	< .04	< .010	< .060	< .02	< .010

405906072153501 Local number S 46524. 1—Continued

WATER-QUALITY DATA
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Part 20 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Terbacil, water, filtered, recover- able, μg/L (04032)	Terbufos oxygen analog sulfone, water, filtered, recover- able, μg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, μg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82681)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, μg/L (34699)	trans- Propicon- azole, water, filtered, recover- able, μg/L (79847)	Tribuphos, water, filtered, recover- able, μg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49235)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82661)
07-29-2009	< .040	< .04	< .02	< .01	< .016	< .10	< .02	< .035	< .08	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, μg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, μg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, μg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, μg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, μg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, μg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, μg/L (50000)
07-29-2009	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, μg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, μg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, μg/L (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, μg/L (77170)	2-Chloro- toluene, water, unfiltered, recover- able, μg/L (77275)	2-Ethyl- toluene, water, unfiltered, recover- able, μg/L (77220)
07-29-2009	< .1	< .1	< 0.04	< .04	< .02	< .04	< .02	< .06	< .02	< .02

405906072153501 Local number S 46524. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	4-Chloro- toluene, water, unfiltered, recover- able, µg/L (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, µg/L (77356)	Acetone, water, unfiltered, recover- able, µg/L (81552)	Benzene, water, unfiltered, recover- able, µg/L (34030)	Bromo- benzene, water, unfiltered, recover- able, µg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, µg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, µg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, µg/L (50002)	Caffeine, water, filtered, recover- able, µg/L (50305)	Chloro- benzene, water, unfiltered, recover- able, µg/L (34301)
07-29-2009	< .02	< .06	< 4	< .02	< .02	< .06	< .04	< .1	< .080	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Chloro- ethane, water, unfiltered, recover- able, µg/L (34311)	Chloro- methane, water, unfiltered, recover- able, µg/L (34418)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (77093)	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)	Diisopropyl ether, water, unfiltered, recover- able, µg/L (81577)	Ethyl metha- crylate, water, unfiltered, recover- able, µg/L (73570)
07-29-2009	< .1	< .1	< .02	< .1	< .04	< .10	< 0.04	< .1	< .06	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Ethyl methyl ketone, water, unfiltered, recover- able, µg/L (81595)	Ethyl- benzene, water, unfiltered, recover- able, µg/L (34371)	Hexa- chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	Hexa- chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Isopropyl- benzene, water, unfiltered, recover- able, µg/L (77223)	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)
07-29-2009	< 1.6	< .04	< .1	< .1	< .4	< .04	< .6	< .2	< .2	< .10

405906072153501 Local number S 46524. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 26 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Methyl tert-pentyl ether, water, unfiltered, recover- able, μg/L (50005)	m-Xylene plus p- xylene, water, unfiltered, recover- able, μg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, μg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, μg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, μg/L (77342)	n-Propyl- benzene, water, unfiltered, recover- able, μg/L (77224)	o-Xylene, water, unfiltered, recover- able, μg/L (77135)	sec-Butyl- benzene, water, unfiltered, recover- able, μg/L (77350)	Styrene, water, unfiltered, recover- able, μg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recover- able, μg/L (50004)
07-29-2009	< .06	< .08	< .2	< .6	< .1	< .04	< .04	< .02	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 27 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	tert-Butyl- benzene, water, unfiltered, recover- able, μg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, μg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, μg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, μg/L (81607)	Toluene, water, unfiltered, recover- able, μg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, μg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, μg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, μg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, μg/L (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, μg/L (34488)
07-29-2009	< .06	< .04	< .06	< 1	E .01	< .02	< .4	< .10	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 28 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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	Trichloro- methane, water, unfiltered, recover- able, μg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, μg/L (39175)	Uranium (natural), water, filtered, μg/L (22703)
07-29-2009	.42	< .1	E .00



Water-Data Report 2009

405914072190802 Local number S106182. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°59'14.1", long 72°19'06.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 2 in; top of first opening 45 ft, bottom of last opening 55 ft.

DATUM.--Land-surface datum is 43.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.33 ft below land-surface datum.

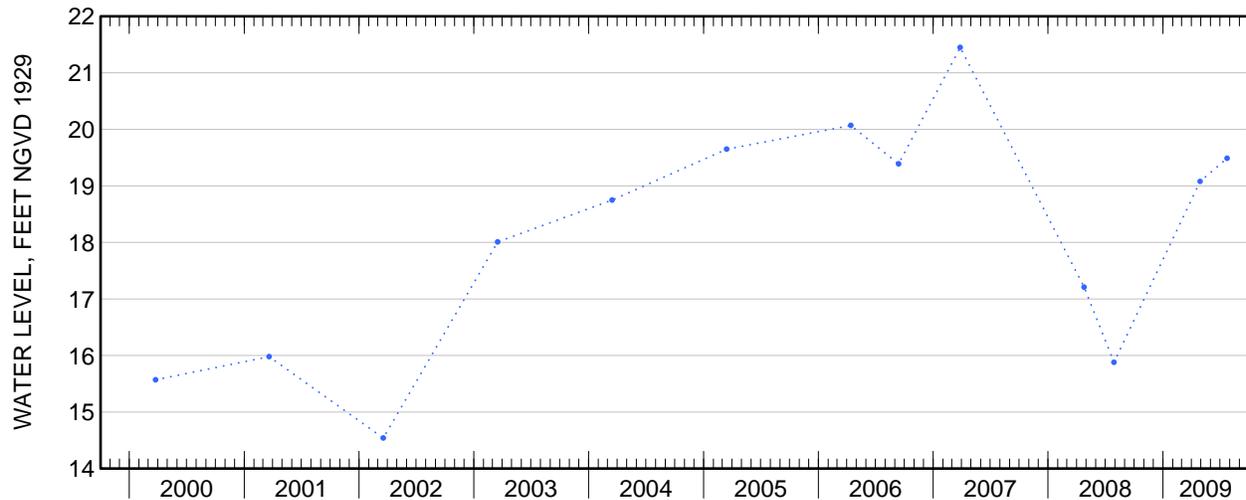
PERIOD OF RECORD.--September 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.45 ft above sea level, March 27, 2007; lowest measured, 14.54 ft above sea level, March 18, 2002.

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

Date	Water level	Date	Water level
Apr 28	19.08	Jul 23	19.49





Water-Data Report 2009

405914072190803 Local number S105710. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer
Suffolk County, NY

LOCATION.--Lat 40°59'14.1", long 72°19'05.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 467 ft. Upper casing diameter 4 in; top of first opening 437 ft, bottom of last opening 447 ft.

DATUM.--Land-surface datum is 44.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.23 ft below land-surface datum.

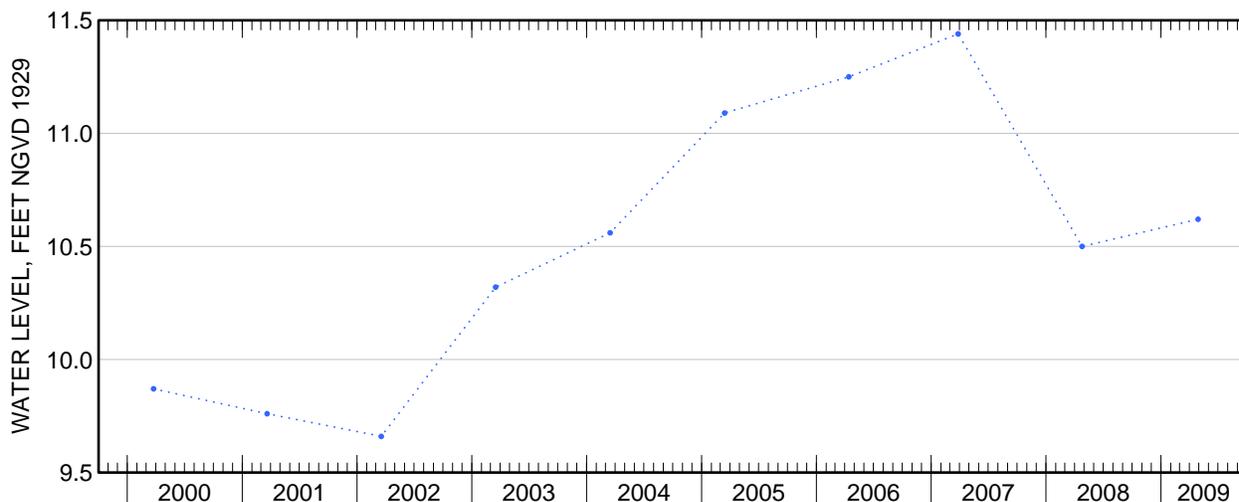
PERIOD OF RECORD.--January 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.44 ft above sea level, March 27, 2007; lowest measured, 9.66 ft above sea level, March 18, 2002.

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

Date	Water level
Apr 28	10.62





Water-Data Report 2009

405924072321501 Local number S 39269. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°59'25.2", long 72°32'13.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 68 ft. Upper casing diameter 8 in; top of first opening 48 ft, bottom of last opening 68 ft.

DATUM.--Land-surface datum is 13.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 2.30 ft above land-surface datum.

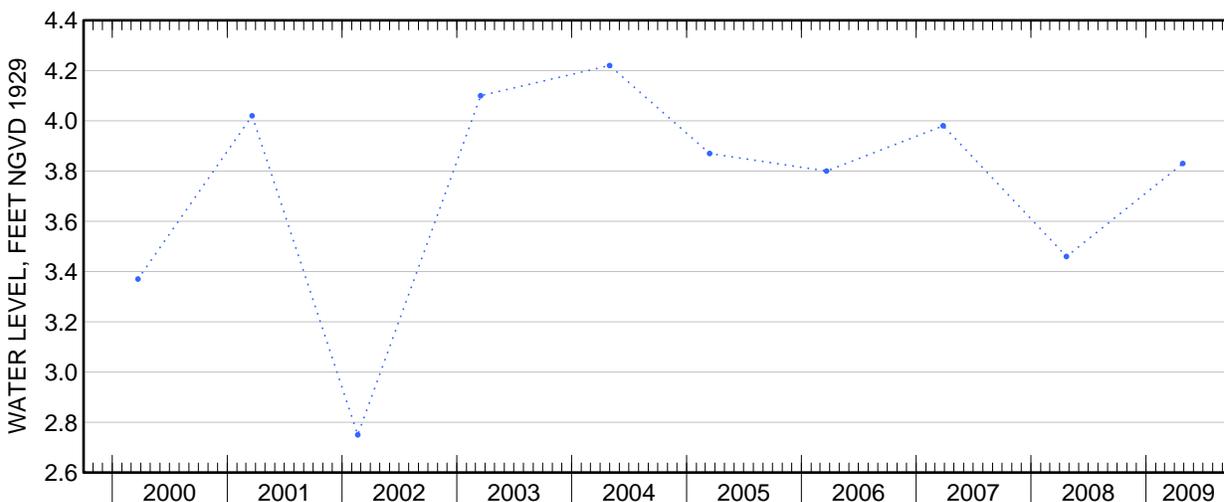
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.36 ft above sea level, March 17, 1998; lowest measured, 1.87 ft above sea level, September 24, 1986.

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

Date	Water level
Apr 27	3.83





Water-Data Report 2009

405924072342301 Local number S 53333. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°59'25.1", long 72°34'20.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 74 ft. Upper casing diameter 4 in; top of first opening 62 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 2.06 ft below land-surface datum.

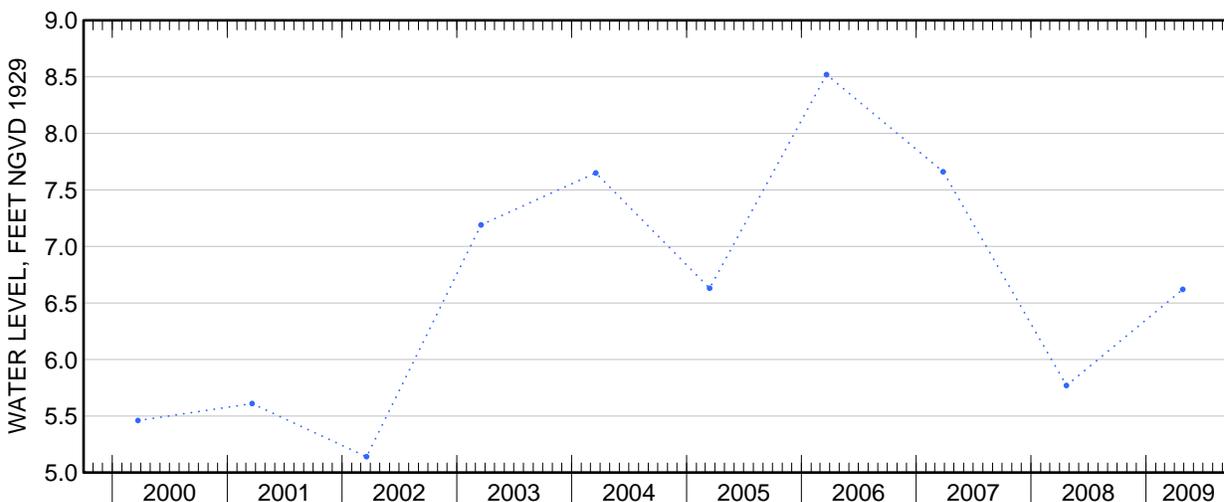
PERIOD OF RECORD.--March 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.76 ft above sea level, June 11, 1984; lowest measured, 4.00 ft above sea level, September 28, 1981.

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

Date	Water level
Apr 27	6.62





Water-Data Report 2009

405933072093401 Local number S 58924. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°59'34", long 72°09'32" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 139 ft. Upper casing diameter 4 in; top of first opening 132 ft, bottom of last opening 137 ft.

DATUM.--Land-surface datum is 110.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.27 ft below land-surface datum.

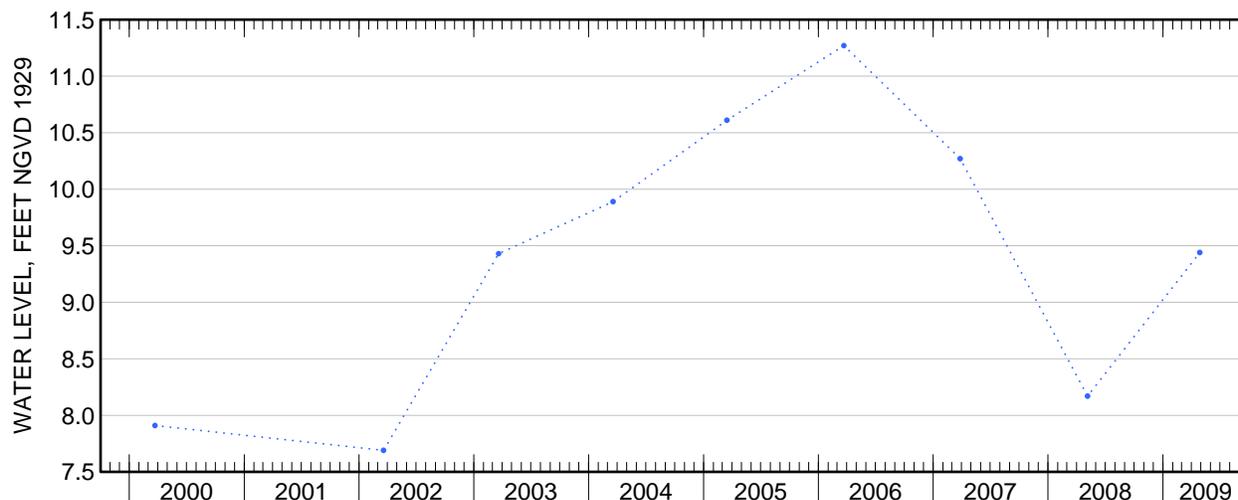
PERIOD OF RECORD.--October 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.27 ft above sea level, March 22, 2006; lowest measured, 6.75 ft above sea level, December 18, 1981.

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

Date	Water level
Apr 27	9.44





Water-Data Report 2009

405948072172101 Local number S 8844. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°59'48.8", long 72°17'11.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Hempstead Street, 19 ft east of Hampton Street, Sag Harbor.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 6 in. Screen assumed at bottom.

DATUM.--Land-surface datum is 19.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing inside steel elbow extension, 1.08 ft above land-surface datum.

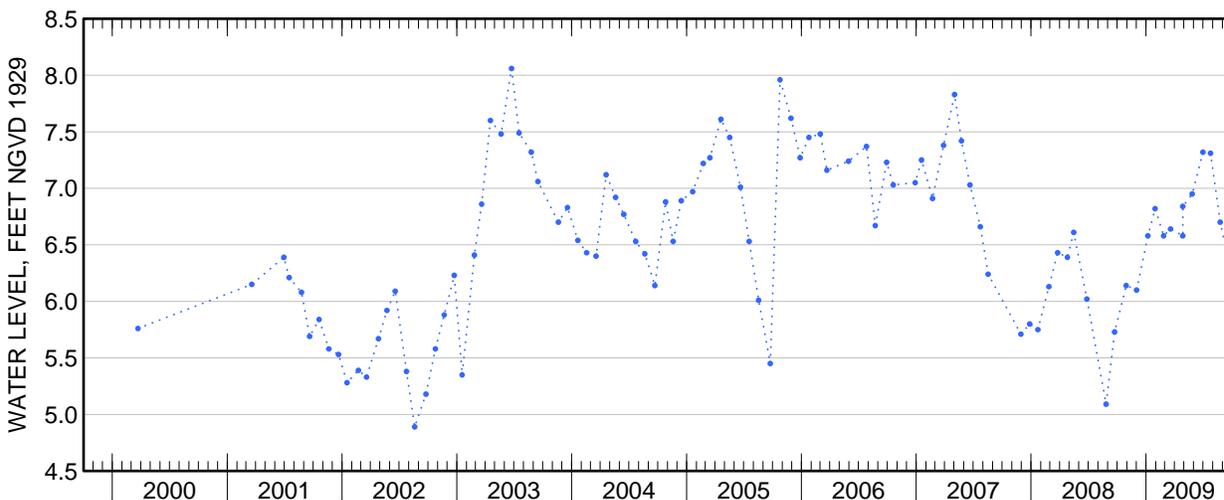
PERIOD OF RECORD.--August 1950 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.06 ft above sea level, June 23, 2003; lowest measured, 4.43 ft above sea level, December 26, 1950.

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

Date	Water level	Date	Water level
Oct 29	6.14	Apr 27	6.84
Dec 1	6.10	May 27	6.95
Jan 6	6.58	Jun 30	7.32
29	6.82	Jul 24	7.31
Feb 25	6.58	Aug 24	6.70
Mar 19	6.64	Sep 25	6.28
Apr 27	6.58		





Water-Data Report 2009

405950072124501 Local number S 58925. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 40°59'52.9", long 72°12'42.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 92 ft. Upper casing diameter 4 in; top of first opening 85 ft, bottom of last opening 90 ft.

DATUM.--Land-surface datum is 72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.60 ft below land-surface datum.

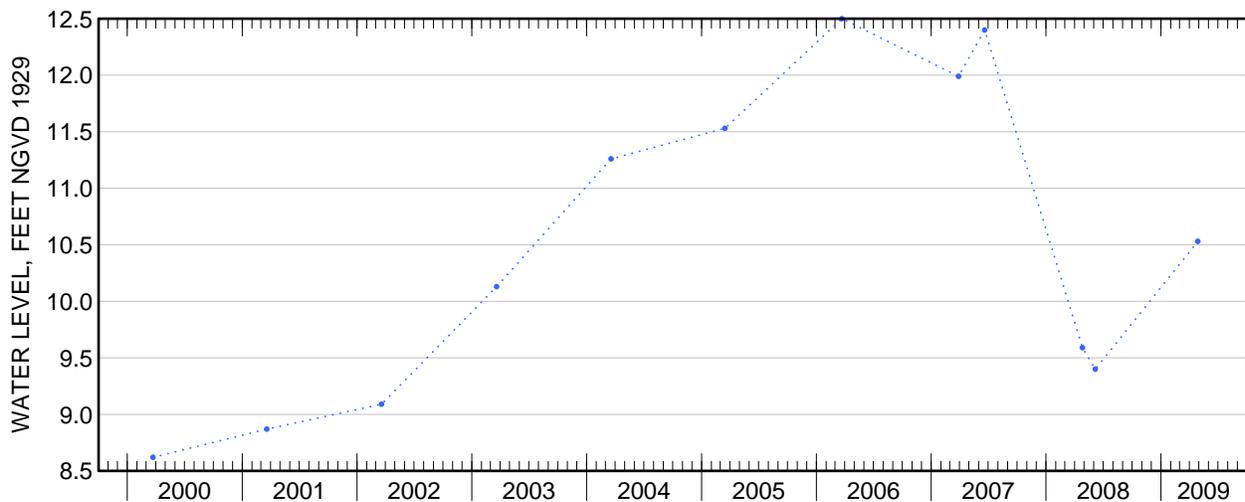
PERIOD OF RECORD.--October 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.70 ft above sea level, July 5, 1979; lowest measured, 7.79 ft above sea level, December 17, 1981.

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

Date	Water level
Apr 27	10.53





Water-Data Report 2009

410007072331901 Local number S 53325. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°00'07.4", long 72°33'18.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at east side of West Mill road, 85 ft south of Bayview Avenue, Mattituck.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 68 ft. Upper casing diameter 4 in; top of first opening 53 ft, bottom of last opening 63 ft.

DATUM.--Land-surface datum is 41 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 0.74 ft below land-surface datum.

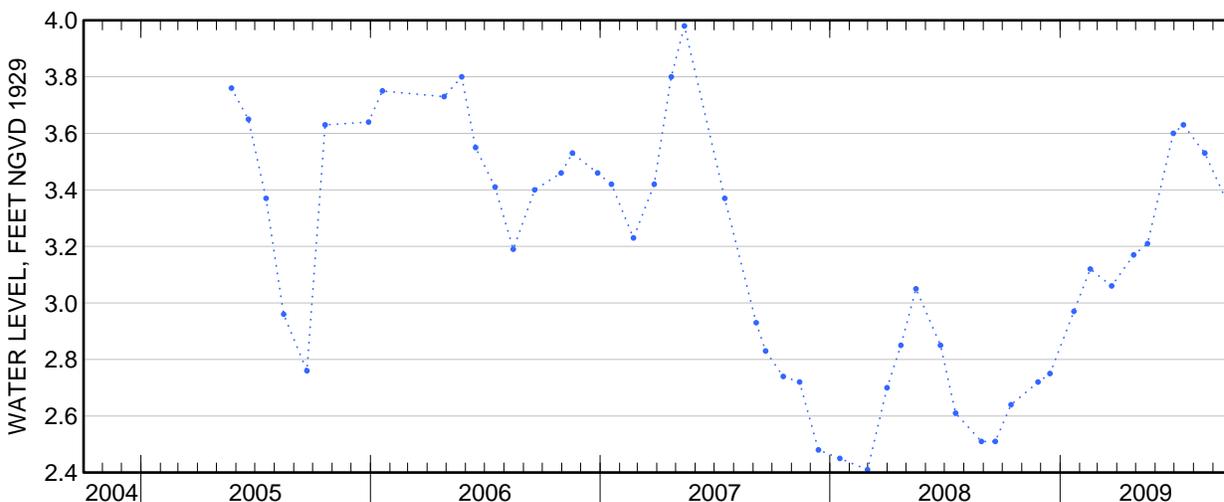
PERIOD OF RECORD.--March 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.57 ft above sea level, June 11, 1984; lowest measured, 2.08 ft above sea level, December 14, 1980.

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

Date	Water level	Date	Water level
Oct 14	2.64	Apr 27	3.17
Nov 26	2.72	May 19	3.21
Dec 15	2.75	Jun 29	3.60
Jan 22	2.97	Jul 15	3.63
Feb 17	3.12	Aug 18	3.53
Mar 23	3.06	Sep 24	3.35





Water-Data Report 2009

410034072094701 Local number S 15048. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°00'35.2", long 72°09'46.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Springs-Fireplace Road and Church Lane, East Hampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 46 ft. Upper casing diameter 6 in; top of first opening 31 ft, bottom of last opening 46 ft.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top inside of outlet, 1.69 ft above land-surface datum.

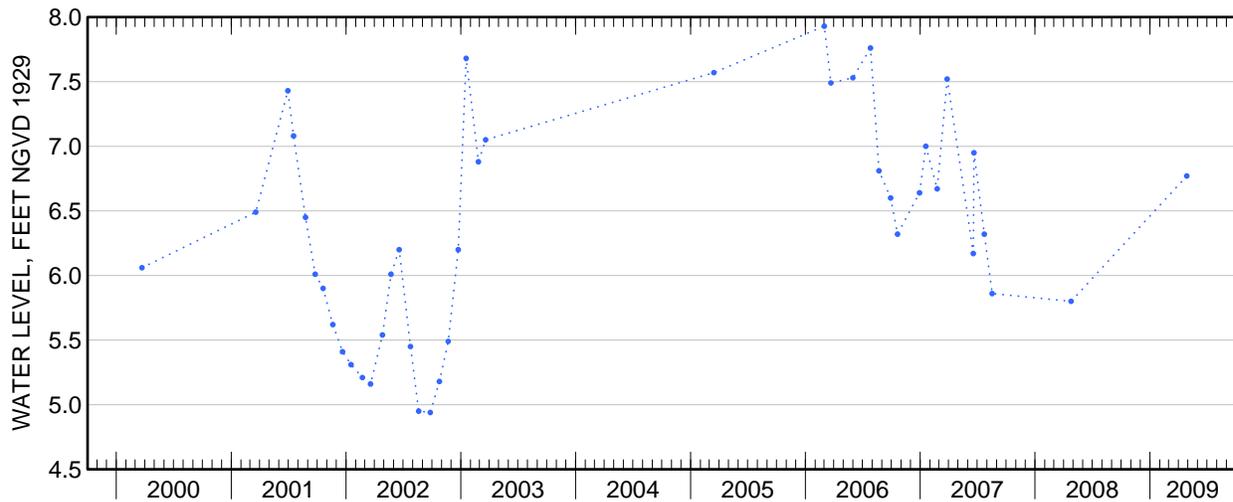
PERIOD OF RECORD.--April 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.99 ft above sea level, June 22, 1982; lowest measured, 4.91 ft above sea level, September 18, 1981.

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

Date	Water level
Apr 27	6.77





Water-Data Report 2009

410038072284202 Local number S 91814. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 40°58'01.3", long 72°35'42.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Manor Lane, south of Sound Avenue, 155 ft north of power lines, southernmost well, Jamesport.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 77 ft. Upper casing diameter 4 in; top of first opening 67 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.04 ft above land-surface datum.

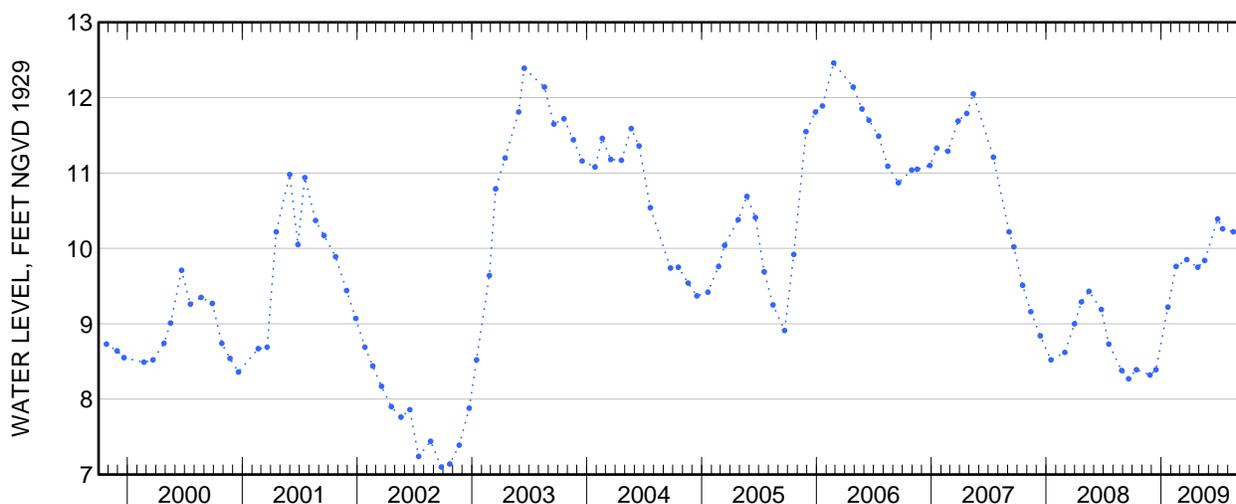
PERIOD OF RECORD.--September 1988 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.69 ft above sea level, June 18, 1990; lowest measured, 5.77 ft above sea level, October 31 and November 4, 1988.

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

Date	Water level	Date	Water level
Oct 14	8.39	Apr 27	9.75
Nov 26	8.32	May 19	9.84
Dec 15	8.39	Jun 29	10.39
Jan 22	9.22	Jul 15	10.26
Feb 17	9.76	Aug 18	10.22
Mar 23	9.85	Sep 24	10.24





Water-Data Report 2009

410040072002501 Local number S 58921. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°00'40.2", long 72°00'22.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 4 in; top of first opening 67 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.38 ft below land-surface datum.

PERIOD OF RECORD.--October 1976 to current year.

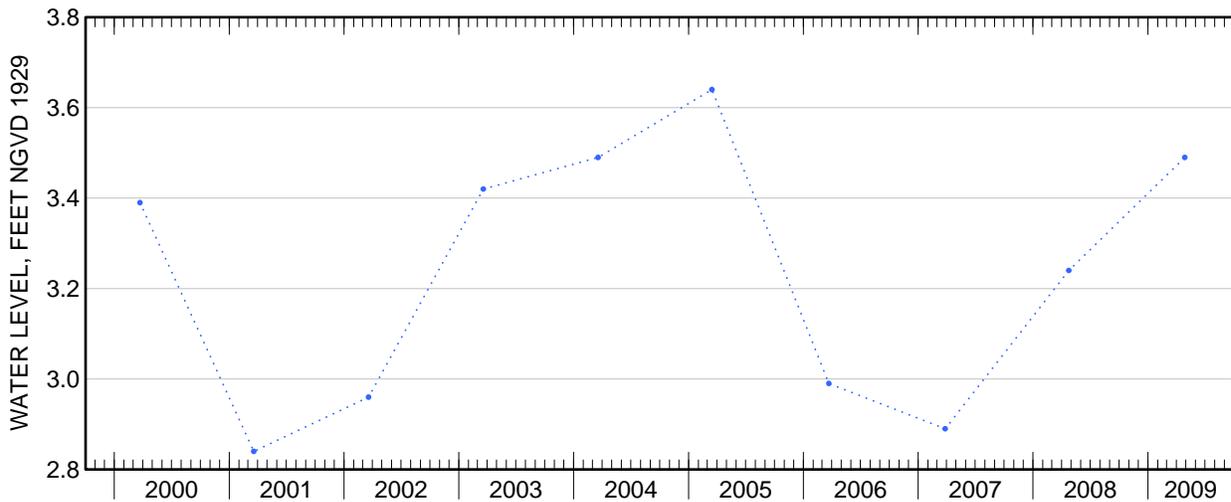
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.11 ft above sea level, April 30, 1987; lowest measured, 2.11 ft above sea level, January 26, 1981.

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

Date	Water level
Apr 27	3.49





Water-Data Report 2009

410047072184701 Local number S 51186. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°00'47.2", long 72°18'46.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 4 in; top of first opening 30 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 24.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.58 ft below land-surface datum.

PERIOD OF RECORD.--May 1974 to current year.

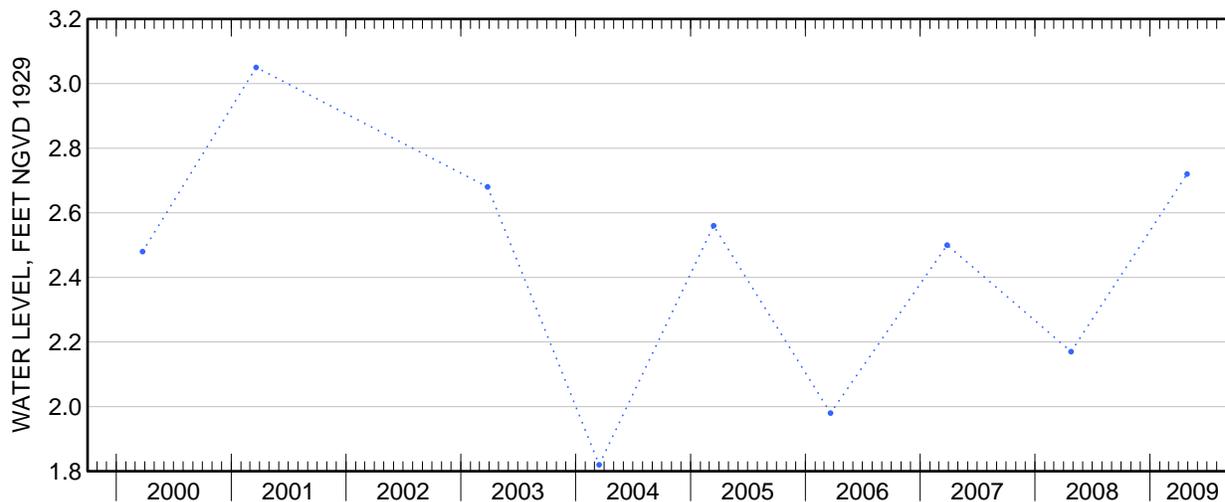
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.70 ft above sea level, March 18, 1998; lowest measured, 1.02 ft above sea level, September 13, 1980.

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

Date	Water level
Apr 28	2.72





Water-Data Report 2009

410052072134001 Local number S 57371. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°00'54.1", long 72°13'40.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Old Northwest Road, 0.9 mi south of Alewife Brook Road, Grassy Hollow.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 62 ft. Upper casing diameter 2 in; top of first opening 58 ft, bottom of last opening 62 ft.

DATUM.--Land-surface datum is 24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.30 ft below land-surface datum.

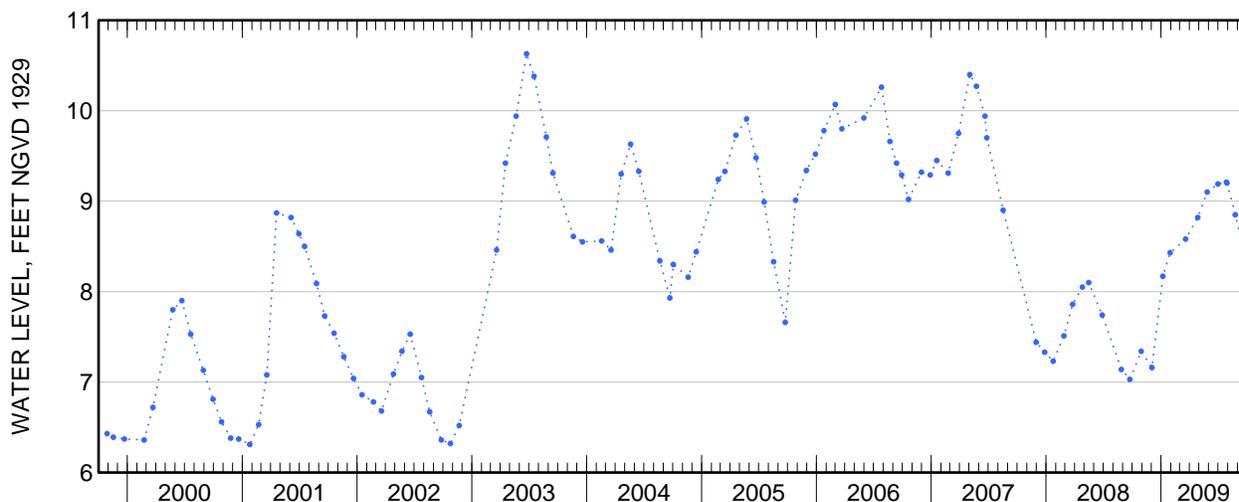
PERIOD OF RECORD.--November 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.63 ft above sea level, June 23, 2003; lowest measured, 5.80 ft above sea level, December 17, 1981.

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

Date	Water level	Date	Water level
Oct 29	7.34	May 27	9.10
Dec 2	7.16	Jun 30	9.19
Jan 6	8.17	Jul 27	9.21
29	8.43	29	9.20
Mar 19	8.58	Aug 24	8.85
Apr 27	8.82	Sep 25	8.38



WATER-QUALITY RECORDS

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 1 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Sample start time	Depth to water level, ft below land surface (72019)	Dissolved oxygen, unfiltered, water, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, μS/cm at 25 °C (00095)	Temperature, 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, filtered, mg/L (00915)	Magnesium, water, filtered, mg/L (00925)
07-29-2009	1115	14.80	10.6	5.9	123	12.9	1.8	83	4.36	2.48

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 2 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Potassium, water, filtered, mg/L (00935)	Sodium, water, filtered, mg/L (00930)	Alkalinity, water, filtered, inflection-point, incremental titration method, field, mg/L as CaCO ₃ (39086)	Bicarbonate, water, filtered, inflection-point, incremental titration method, field, mg/L (00453)	Bromide, water, filtered, mg/L (71870)	Chloride, water, filtered, mg/L (00940)	Fluoride, water, filtered, mg/L (00950)	Hydrogen sulfide, water, unfiltered, mg/L (71875)	Silica, water, filtered, mg/L as SiO ₂ (00955)
07-29-2009	.78	11.2	13.1	16.0	.04	15.9	< .08	U	14.1

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 3 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	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)	Orthophos- phate, water, filtered, mg/L as P (00671)	Total nitrogen, water, filtered, analytically determined, mg/L (62854)	Aluminum, water, filtered, μg/L (01106)	Barium, water, filtered, μg/L (01005)	Beryllium, water, filtered, μg/L (01010)
07-29-2009	7.55	< .020	1.29	< .002	.010	1.30	< 4.0	13	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 4 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Cadmium, water, filtered, μg/L (01025)	Chromium, water, filtered, μg/L (01030)	Cobalt, water, filtered, μg/L (01035)	Copper, water, filtered, μg/L (01040)	Iron, water, filtered, μg/L (01046)	Lead, water, filtered, μg/L (01049)	Lithium, water, filtered, μg/L (01130)	Manga- nese, water, filtered, μg/L (01056)	Molyb- denum, water, filtered, μg/L (01060)	Nickel, water, filtered, μg/L (01065)
07-29-2009	< .02	.52	E .02	< 1.0	< 4	E .05	< 1.0	.5	.1	.59

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 5 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Silver, water, filtered, μg/L (01075)	Strontium, water, filtered, μg/L (01080)	Thallium, water, filtered, μg/L (01057)	Vanadium, water, filtered, μg/L (01085)	Zinc, water, filtered, μg/L (01090)	Arsenic, water, filtered, μg/L (01000)	Boron, water, filtered, μg/L (01020)	Selenium, water, filtered, μg/L (01145)	1,2,3-Tri- chloro- propane, water, unfiltered, recover- able, μg/L (77443)	1,2- Dibromo-3- chloro- propane, water, unfiltered, recover- able, μg/L (82625)
07-29-2009	< .01	33.9	< .04	E .12	< 2.0	< .06	13	.09	< .12	< 1.0

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 6 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	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)	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-D methyl ester, water, filtered, recoverable, µg/L (50470)	2,4-D plus 2,4-D methyl ester, sum on a molar basis, per liter as 2,4-D (66496)	2,4-D, water, filtered, recoverable, µg/L (39732)	2,4-DB, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38746)
07-29-2009	< .04	< .1	< .02	< .1	< .02	< .04	< .200	< .02	< .06	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 7 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	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-triazine, water, filtered, recoverable, µg/L (04040)	2-Chloro-6-ethylamino-4-triazine, water, filtered, recoverable, µg/L (04038)	2-Ethyl-6-methylaniline, water, filtered, recoverable, µg/L (61620)	2-Hydroxy-4-isopropylamino-6-ethylamino-6-triazine, water, filtered, recoverable, µg/L (50355)	3,4-Dichloroaniline, water, filtered, recoverable, µg/L (61625)	3,5-Dichloroaniline, water, filtered, recoverable, µg/L (61627)	3-Chloropropene, water, unfiltered, recoverable, µg/L (78109)	3-Hydroxycarbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49308)
07-29-2009	< .006	< .010	< .014	< .06	< .010	< .060	< .004	< .004	< .08	< .040

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 8 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	4-Chloro-2-methyl-phenol, water, filtered, recoverable, μg/L (61633)	Acetochlor, water, filtered, recoverable, μg/L (49260)	Acifluorfen, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49315)	Acrylonitrile, water, unfiltered, recoverable, μg/L (34215)	Alachlor, water, filtered, recoverable, μg/L (46342)	Aldicarb sulfone, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49313)	Aldicarb sulfoxide, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49314)	Aldicarb, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49312)	alpha-Endosulfan, water, filtered, recoverable, μg/L (34362)	Aminomethylphosphonic acid, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62649)
07-29-2009	< .005	< .010	< .040	< 0.4	< .008	< .08	< .060	< .12	< .006	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 9 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Atrazine, water, filtered, recoverable, μg/L (39632)	Azinphosmethyl oxygen analog, water, filtered, recoverable, μg/L (61635)	Azinphosmethyl, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82686)	Bendiocarb, water, filtered, recoverable, μg/L (50299)	Benfluralin, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82673)	Benomyl, water, filtered, recoverable, μg/L (50300)	Ben-sulfuronmethyl, water, filtered, recoverable, μg/L (61693)	Bentazon, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38711)	Bromacil, water, filtered, recoverable, μg/L (04029)	Bromomethane, water, unfiltered, recoverable, μg/L (34413)
07-29-2009	< .007	< .04	< .120	< .04	< .014	< .060	< .06	< .06	< .06	< .4

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 10 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Bromoxnil, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49311)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49310)	Carbaryl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82680)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49309)	Carbofuran, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82674)	Carbon disulfide, water, unfiltered, μg/L (77041)	Chlor- amben methyl ester, water, filtered, recover- able, μg/L (61188)	Chlori- muron- ethyl, water, filtered, recover- able, μg/L (50306)	Chlor- pyrifos, water, filtered, recover- able, μg/L (38933)	cis-1,3-Di- chloro- propene, water, unfiltered, recover- able, μg/L (34704)
07-29-2009	< .12	< .04	< .200	< .040	< .060	< .04	< .10	< .080	< .010	< .10

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 11 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	cis- Permethrin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82687)	cis- Propicon- azole, water, filtered, recover- able, μg/L (79846)	Clopyralid, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49305)	Cyanazine, water, filtered, recover- able, μg/L (04041)	Cycloate, water, filtered, recover- able, μg/L (04031)	Cyfluthrin, water, filtered, recover- able, μg/L (61585)	Cyper- methrin, water, filtered, recover- able, μg/L (61586)	Dacthal monoacid, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49304)	DCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82682)	Desulfinyl- fipronil amide, water, filtered, recover- able, μg/L (62169)
07-29-2009	< .014	< .006	< .06	< .040	< .04	< .016	< .020	< .04	< .006	< .029

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 12 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Desulfinyl- fipronil, water, filtered, recover- able, μg/L (62170)	Diazinon, water, filtered, recover- able, μg/L (39572)	Dicamba, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38442)	Dichlor- prop, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49302)	Dichlorvos, water, filtered, recover- able, μg/L (38775)	Dicroto- phos, water, filtered, recover- able, μg/L (38454)	Dieldrin, water, filtered, recover- able, μg/L (39381)	Dimetho- ate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82662)	Dinoseb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49301)	Di- phenamid, water, filtered, recover- able, μg/L (04033)
07-29-2009	< .012	< .005	< .04	< .04	< .02	< .08	< .009	< .006	< .04	< .04

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 13 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Disulfoton sulfone, water, filtered, recoverable, μg/L (61640)	Disulfoton, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82677)	Diuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49300)	Endosulfan sulfate, water, filtered, recoverable, μg/L (61590)	EPTC, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82668)	Ethion monoxon, water, filtered, recoverable, μg/L (61644)	Ethion, water, filtered, recoverable, μg/L (82346)	Ethoprop, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (82672)	Fenamiphos sulfone, water, filtered, recoverable, μg/L (61645)	Fenamiphos sulfoxide, water, filtered, recoverable, μg/L (61646)
07-29-2009	< .01	< .04	< .04	< .022	< .002	< .02	< .012	< .016	< .053	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 14 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Fenamiphos, water, filtered, recoverable, μg/L (61591)	Fenuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (49297)	Fipronil sulfide, water, filtered, recoverable, μg/L (62167)	Fipronil sulfone, water, filtered, recoverable, μg/L (62168)	Fipronil, water, filtered, recoverable, μg/L (62166)	Flumetsulam, water, filtered, recoverable, μg/L (61694)	Fluometuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38811)	Fonofos, water, filtered, recoverable, μg/L (04095)	Glufosinate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62721)	Glyphosate, water, filtered (0.7 micron glass fiber filter), recoverable, micrograms per liter (62722)
07-29-2009	< .03	< .06	< .013	< .024	< .040	< .06	< .04	< .010	< .02	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 15 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Hexazinone, water, filtered, recoverable, μg/L (04025)	Imazaquin, water, filtered, recoverable, μg/L (50356)	Imazethapyr, water, filtered, recoverable, μg/L (50407)	Imidacloprid, water, filtered, recoverable, μg/L (61695)	Iodomethane, water, unfiltered, recoverable, μg/L (77424)	Iprodione, water, filtered, recoverable, μg/L (61593)	Isofenphos, water, filtered, recoverable, μg/L (61594)	lambda-Cyhalothrin, water, filtered, recoverable, μg/L (61595)	Linuron, water, filtered (0.7 micron glass fiber filter), recoverable, μg/L (38478)	Malaonoxon, water, filtered, recoverable, μg/L (61652)
07-29-2009	< .008	< .06	< .06	< .060	< .80	< .014	< .006	< .010	< .04	< .080

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 16 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Malathion, water, filtered, recover- able, μg/L (39532)	MCPA, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38482)	MCPB, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38487)	Metalaxyl, water, filtered, recover- able, μg/L (50359)	Metalaxyl, water, filtered, recover- able, μg/L (61596)	Methida- thion, water, filtered, recover- able, μg/L (61598)	Methio- carb, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38501)	Methomyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49296)	Methyl paraoxon, water, filtered, recover- able, μg/L (61664)	Methyl parathion, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82667)
07-29-2009	< .020	< .04	< .20	< .04	< .007	< .006	< .040	< .120	< .01	< .008

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 17 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Metola- chlor, water, filtered, recover- able, μg/L (39415)	Metribuzin, water, filtered, recover- able, μg/L (82630)	Molinate, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (82671)	Myclo- butanil, water, filtered, recover- able, μg/L (61599)	N-(4- Chloro- phenyl)-N'- methyl- urea, water, filtered, recover- able, μg/L (61692)	Neburon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49294)	Nico- sulfuron, water, filtered, recover- able, μg/L (50364)	Nor- flurazon, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49293)	Oryzalin, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (49292)	Oxamyl, water, filtered (0.7 micron glass fiber filter), recover- able, μg/L (38866)
07-29-2009	< .014	< .016	< .002	< .010	< .06	< .02	< .10	< .04	< .04	< .12

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 18 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Oxy-fluorfen, water, filtered, recoverable, µg/L (61600)	Pendi-methalin, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82683)	Phorate oxygen analog, water, filtered, recoverable, µg/L (61666)	Phorate, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82664)	Phosmet oxygen analog, water, filtered, recoverable, µg/L (61668)	Phosmet, water, filtered, recoverable, µg/L (61601)	Picloram, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49291)	Prometon, water, filtered, recoverable, µg/L (04037)	Prometryn, water, filtered, recoverable, µg/L (04036)	Propanil, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82679)
07-29-2009	< .006	< .012	< .03	< .020	< .05	< .200	< .12	< .01	< .006	< .014

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 19 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Propargite, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82685)	Propham, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (49236)	Propicon-azole, water, filtered, recoverable, µg/L (50471)	Propoxur, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (38538)	Propyz-amide, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82676)	Siduron, water, filtered, recoverable, µg/L (38548)	Simazine, water, filtered, recoverable, µg/L (04035)	Sulfo-meturon-methyl, water, filtered, recoverable, µg/L (50337)	Tebu-thiuron, water, filtered (0.7 micron glass fiber filter), recoverable, µg/L (82670)	Tefluthrin, water, filtered, recoverable, µg/L (61606)
07-29-2009	< .02	< .040	< .04	< .060	< .004	< .04	< .010	< .060	< .02	< .010

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 20 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Terbacil, water, filtered, recover- able, µg/L (04032)	Terbufos oxygen analog sulfone, water, filtered, recover- able, µg/L (61674)	Terbufos, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82675)	Terbuthyl- azine, water, filtered, recover- able, µg/L (04022)	Thioben- carb, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82681)	trans-1,3- Dichloro- propene, water, unfiltered, recover- able, µg/L (34699)	trans- Propicon- azole, water, filtered, recover- able, µg/L (79847)	Tribuphos, water, filtered, recover- able, µg/L (61610)	Triclopyr, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (49235)	Trifluralin, water, filtered (0.7 micron glass fiber filter), recover- able, µg/L (82661)
07-29-2009	< .040	< .04	< .02	< .01	< .016	< .10	< .02	< .035	< .08	< .012

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 21 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	1,1,1,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (77562)	1,1,1-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34506)	1,1,2,2- Tetra- chloro- ethane, water, unfiltered, recover- able, µg/L (34516)	1,1,2-Tri- chloro- 1,2,2- trifluoro- ethane, water, unfiltered, recover- able, µg/L (77652)	1,1,2-Tri- chloro- ethane, water, unfiltered, recover- able, µg/L (34511)	1,1-Di- chloro- ethane, water, unfiltered, recover- able, µg/L (34496)	1,1-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (34501)	1,1-Di- chloro- propene, water, unfiltered, recover- able, µg/L (77168)	1,2,3,4- Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (49999)	1,2,3,5- Tetra- methyl- benzene, water, unfiltered, recover- able, µg/L (50000)
07-29-2009	< .04	< .02	< .10	< .04	< .06	< .04	< .02	< .04	< .1	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 22 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	1,2,3-Tri- chloro- benzene, water, unfiltered, recover- able, µg/L (77613)	1,2,3-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77221)	1,2,4-Tri- chloro- benzene, water, unfiltered, recover- able, µg/L (34551)	1,2,4-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77222)	1,2- Dichloro- benzene, water, unfiltered, recover- able, µg/L (34536)	1,3,5-Tri- methyl- benzene, water, unfiltered, recover- able, µg/L (77226)	1,3- Dichloro- benzene, water, unfiltered, recover- able, µg/L (34566)	2,2-Di- chloro- propane, water, unfiltered, recover- able, µg/L (77170)	2-Chloro- toluene, water, unfiltered, recover- able, µg/L (77275)	2-Ethyl- toluene, water, unfiltered, recover- able, µg/L (77220)
07-29-2009	< .1	< .1	< 0.04	< .04	< .02	< .04	< .02	< .06	< .02	< .02

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 23 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	4-Chloro- toluene, water, unfiltered, recover- able, µg/L (77277)	4-Iso- propyl- toluene, water, unfiltered, recover- able, µg/L (77356)	Acetone, water, unfiltered, recover- able, µg/L (81552)	Benzene, water, unfiltered, recover- able, µg/L (34030)	Bromo- benzene, water, unfiltered, recover- able, µg/L (81555)	Bromo- chloro- methane, water, unfiltered, recover- able, µg/L (77297)	Bromo- dichloro- methane, water, unfiltered, recover- able, µg/L (32101)	Bromo- ethene, water, unfiltered, recover- able, µg/L (50002)	Caffeine, water, filtered, recover- able, µg/L (50305)	Chloro- benzene, water, unfiltered, recover- able, µg/L (34301)
07-29-2009	< .02	< .06	< 4	< .02	< .02	< .06	< .04	< .1	< .080	< .02

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 24 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Chloro- ethane, water, unfiltered, recover- able, µg/L (34311)	Chloro- methane, water, unfiltered, recover- able, µg/L (34418)	cis-1,2-Di- chloro- ethene, water, unfiltered, recover- able, µg/L (77093)	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)	Diisopropyl ether, water, unfiltered, recover- able, µg/L (81577)	Ethyl metha- crylate, water, unfiltered, recover- able, µg/L (73570)
07-29-2009	< .1	< .1	< .02	< .1	< .04	< .10	< 0.04	< .1	< .06	< .1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 25 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Ethyl methyl ketone, water, unfiltered, recover- able, µg/L (81595)	Ethyl- benzene, water, unfiltered, recover- able, µg/L (34371)	Hexa- chloro- butadiene, water, unfiltered, recover- able, µg/L (39702)	Hexa- chloro- ethane, water, unfiltered, recover- able, µg/L (34396)	Isobutyl methyl ketone, water, unfiltered, recover- able, µg/L (78133)	Isopropyl- benzene, water, unfiltered, recover- able, µg/L (77223)	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)
07-29-2009	< 1.6	< .04	< .1	< .1	< .4	< .04	< .6	< .2	< .2	< .10

410052072134001 Local number S 57371. 1—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 26 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Methyl tert-pentyl ether, water, unfiltered, recover- able, µg/L (50005)	m-Xylene plus p- xylene, water, unfiltered, recover- able, µg/L (85795)	Naphtha- lene, water, unfiltered, recover- able, µg/L (34696)	n-Butyl methyl ketone, water, unfiltered, recover- able, µg/L (77103)	n-Butyl- benzene, water, unfiltered, recover- able, µg/L (77342)	n-Propyl- benzene, water, unfiltered, recover- able, µg/L (77224)	o-Xylene, water, unfiltered, recover- able, µg/L (77135)	sec-Butyl- benzene, water, unfiltered, recover- able, µg/L (77350)	Styrene, water, unfiltered, recover- able, µg/L (77128)	tert-Butyl ethyl ether, water, unfiltered, recover- able, µg/L (50004)
07-29-2009	< .06	< .08	< .2	< .6	< .1	< .04	< .04	< .02	< .04	< .04

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Part 27 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	tert-Butyl- benzene, water, unfiltered, recover- able, µg/L (77353)	Tetra- chloro- ethene, water, unfiltered, recover- able, µg/L (34475)	Tetra- chloro- methane, water, unfiltered, recover- able, µg/L (32102)	Tetrahydro- furan, water, unfiltered, recover- able, µg/L (81607)	Toluene, water, unfiltered, recover- able, µg/L (34010)	trans-1,2- Dichloro- ethene, water, unfiltered, recover- able, µg/L (34546)	trans-1,4- Dichloro-2- butene, water, unfiltered, recover- able, µg/L (73547)	Tribromo- methane, water, unfiltered, recover- able, µg/L (32104)	Trichloro- ethene, water, unfiltered, recover- able, µg/L (39180)	Trichloro- fluoro- methane, water, unfiltered, recover- able, µg/L (34488)
07-29-2009	< .06	< .04	< .06	< 1	< .02	< .02	< .4	< .10	< .02	< .08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2008 TO SEPTEMBER
2009

Part 28 of 28

[CaCO₃, calcium carbonate; N, nitrogen; NTU, nephelometric turbidity unit; P, phosphorus; 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; U, analyzed for but not detected]

Date	Trichloro- methane, water, unfiltered, recover- able, µg/L (32106)	Vinyl chloride, water, unfiltered, recover- able, µg/L (39175)	Uranium (natural), water, filtered, µg/L (22703)
07-29-2009	1.09	< .1	< .01



Water-Data Report 2009

410104072303301 Local number S 53324. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°01'04.5", long 72°30'31.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Alvahs Lane, 200 ft north of Middle Road (State Route 27), Southold.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 62 ft. Upper casing diameter 4 in; top of first opening 49 ft, bottom of last opening 59 ft.

DATUM.--Land-surface datum is 42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 0.51 ft above land-surface datum.

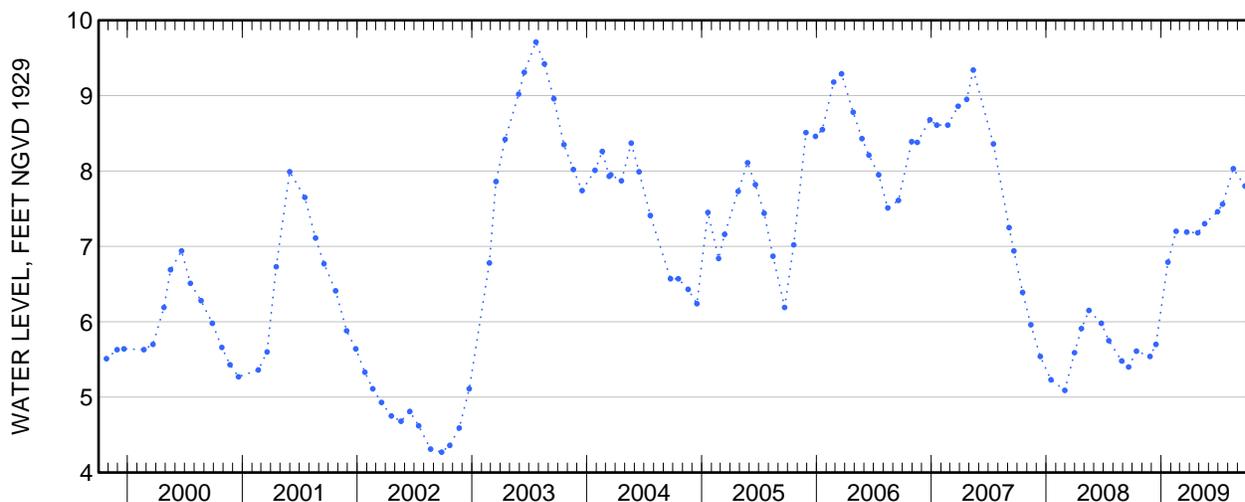
PERIOD OF RECORD.--October 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.32 ft above sea level, September 28, 1989; lowest measured, 3.52 ft above sea level, November 20, 1981.

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

Date	Water level	Date	Water level
Oct 14	5.61	Apr 27	7.18
Nov 26	5.54	May 19	7.30
Dec 15	5.70	Jun 29	7.46
Jan 22	6.79	Jul 15	7.56
Feb 17	7.20	Aug 18	8.03
Mar 23	7.19	Sep 24	7.80





Water-Data Report 2009

410111072010101 Local number S 62397. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°01'11", long 72°01'01" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 65 ft. Upper casing diameter 2 in; top of first opening 61 ft, bottom of last opening 65 ft.

DATUM.--Land-surface datum is 57.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.49 ft below land-surface datum.

PERIOD OF RECORD.--December 1980 to current year.

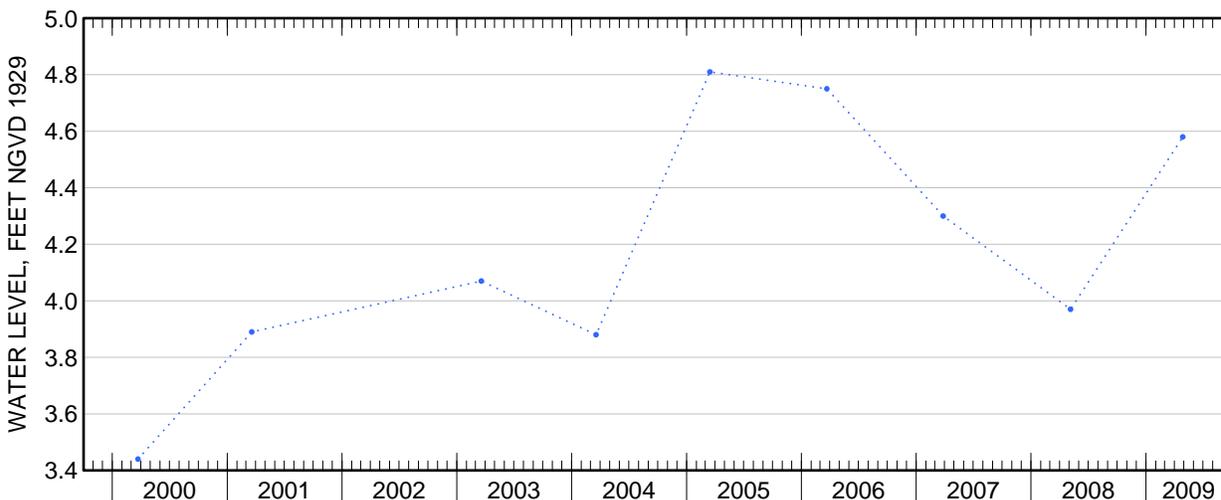
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.89 ft above sea level, July 7, 1982; lowest measured, 2.71 ft above sea level, December 17, 1980.

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

Date	Water level
Apr 27	4.58





Water-Data Report 2009

410132072184601 Local number S 51185. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°01'32.6", long 72°18'45.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Sunset Beach Avenue, 265 ft south of Route 114, North Haven.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 4 in; top of first opening 20 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 10.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.76 ft below land-surface datum.

PERIOD OF RECORD.--May 1974 to current year.

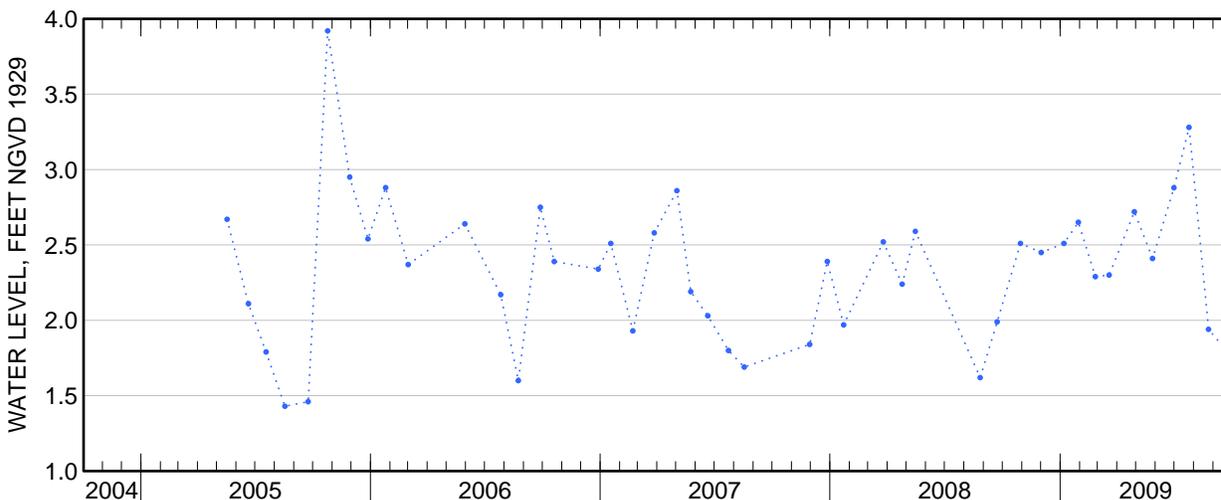
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.92 ft above sea level, October 24, 2005; lowest measured, 0.96 ft above sea level, September 13, 1980.

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

Date	Water level	Date	Water level
Oct 29	2.51	Apr 28	2.72
Dec 1	2.45	May 27	2.41
Jan 6	2.51	Jun 30	2.88
29	2.65	Jul 24	3.28
Feb 25	2.29	Aug 24	1.94
Mar 19	2.30	Sep 25	1.78





Water-Data Report 2009

410149071583201 Local number S 48577. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°01'50.0", long 71°58'30.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Montauk Point State Parkway (State Route 27), 19 ft east of entrance to East Hampton Disposal and Recycling Center, Montauk.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 189 ft. Upper casing diameter 6 in; top of first opening 173 ft, bottom of last opening 183 ft.

DATUM.--Land-surface datum is 168.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.61 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year. Unpublished records from January 1974 to September 1983 are available in files of the U.S. Geological Survey.

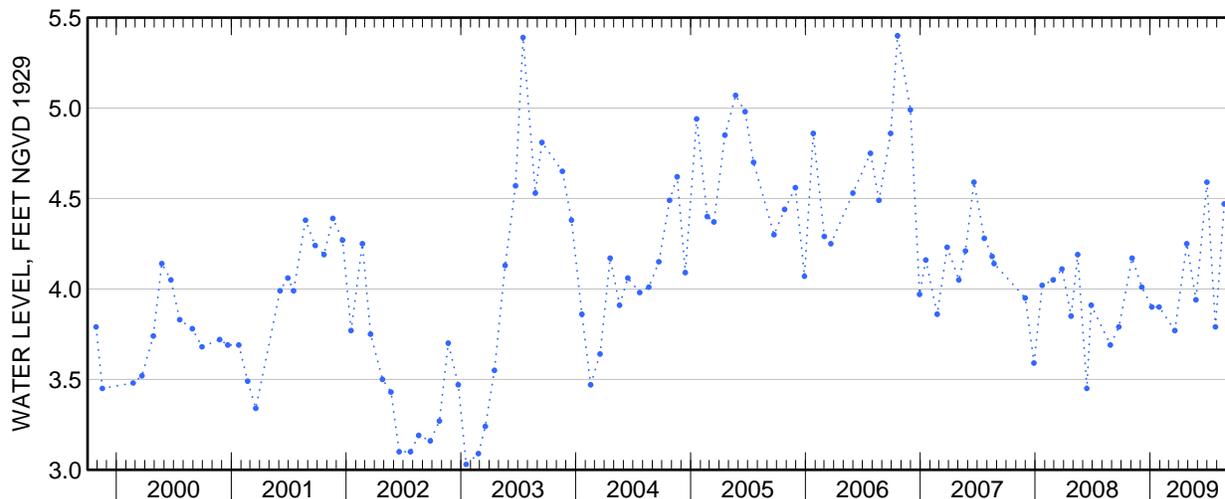
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.40 ft above sea level, October 20, 2006; lowest measured, 0.54 ft below sea level, May 5, 1981.

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

Date	Water level	Date	Water level
Nov 4	4.17	May 26	3.94
Dec 5	4.01	Jun 30	4.59
Jan 6	3.90	Jul 27	3.79
29	3.90	Aug 24	4.47
Mar 20	3.77	Sep 25	4.51
Apr 27	4.25		





Water-Data Report 2009

410213071572202 Local number S 70263. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°02'13.1", long 71°57'20.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 27.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.17 ft below land-surface datum.

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

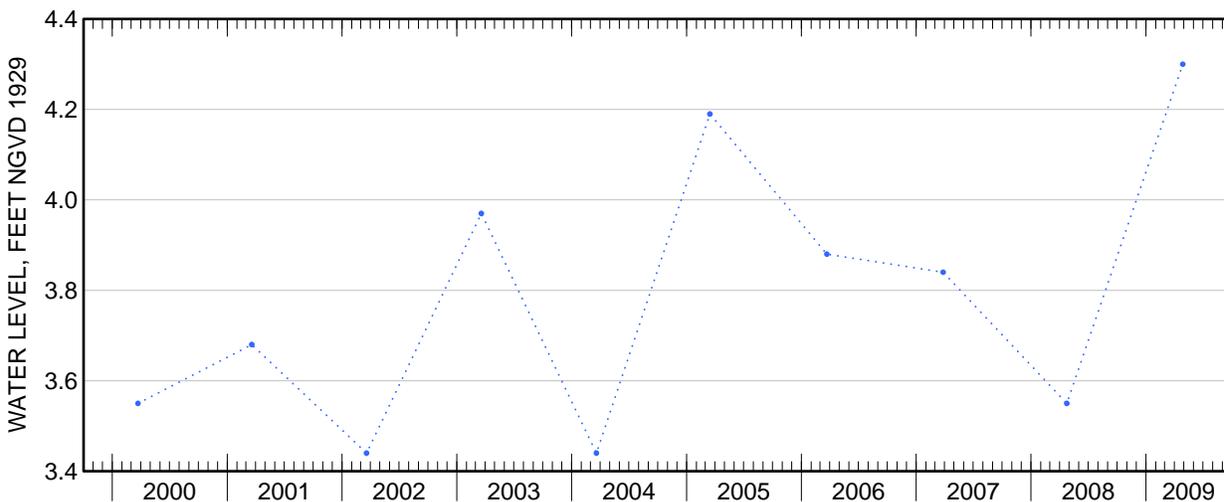
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.30 ft above sea level, March 17, 1998 and April 27, 2009; lowest measured, 2.53 ft above sea level, August 31, 1981.

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

Date	Water level
Apr 27	4.30





Water-Data Report 2009

410243071560101 Local number S 48519. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°02'43.4", long 71°56'02.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 82 ft. Upper casing diameter 6 in; top of first opening 68 ft, bottom of last opening 78 ft.

DATUM.--Land-surface datum is 63.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.68 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year.

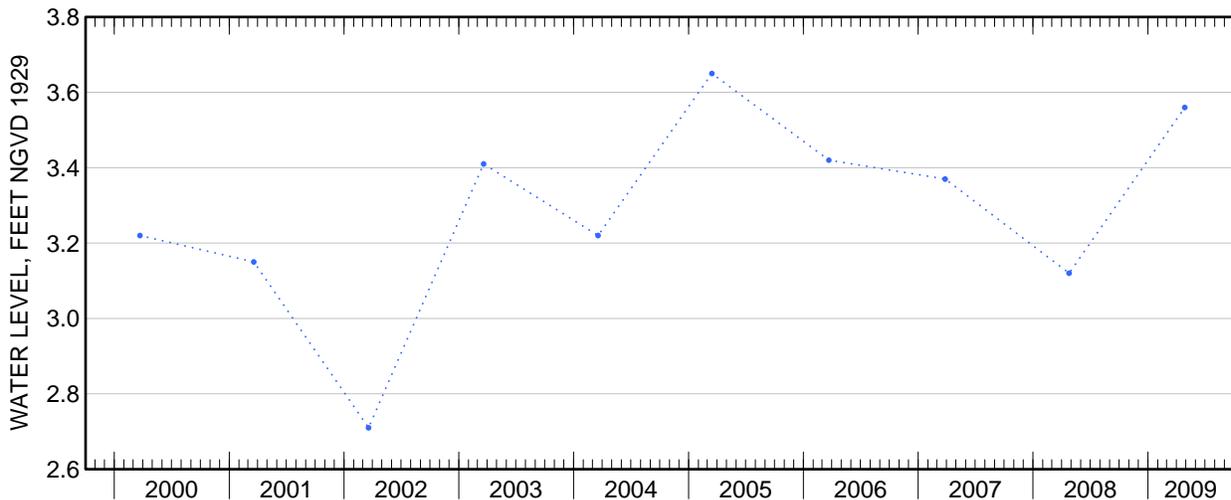
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.64 ft above sea level, March 10, 1994; lowest measured, 2.07 ft above sea level, December 22, 1976.

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

Date	Water level
Apr 27	3.56





Water-Data Report 2009

410253072192601 Local number S 90279. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°02'52.4", long 72°19'32.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Osprey Road, 87 ft south of Heron Lane, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 22.5 ft. Upper casing diameter 2 in; top of first opening 20.5 ft, bottom of last opening 22.5 ft.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft below land-surface datum.

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

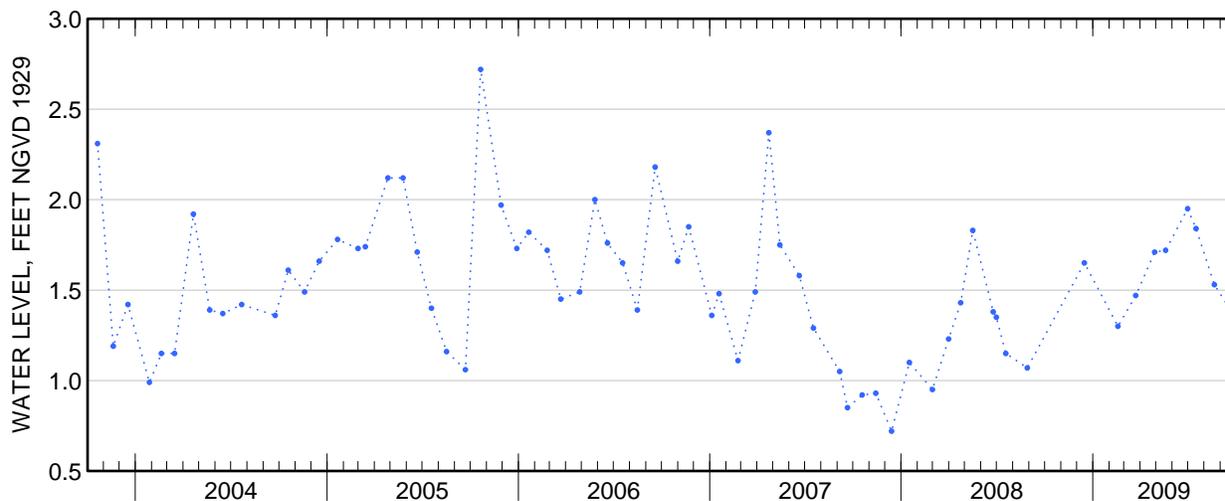
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.72 ft above sea level, October 20, 2005; lowest measured, 0.72 ft above sea level, December 13, 2007.

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

Date	Water level	Date	Water level
Dec 15	1.65	Jun 30	1.95
Feb 17	1.30	Jul 16	1.84
Mar 23	1.47	Aug 20	1.53
Apr 28	1.71	Sep 24	1.37
May 19	1.72		





Water-Data Report 2009

410309072205601 Local number S 75438. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°03'19.8", long 72°20'52.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Menantoc Road, 140 ft south of Conrad Road, and 244 ft north of Evans Road, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 23 ft. Upper casing diameter 2 in; top of first opening 18 ft, bottom of last opening 23 ft.

DATUM.--Land-surface datum is 11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.16 ft below land-surface datum.

PERIOD OF RECORD.--December 1983 to March 1998 and November 2001 to current year.

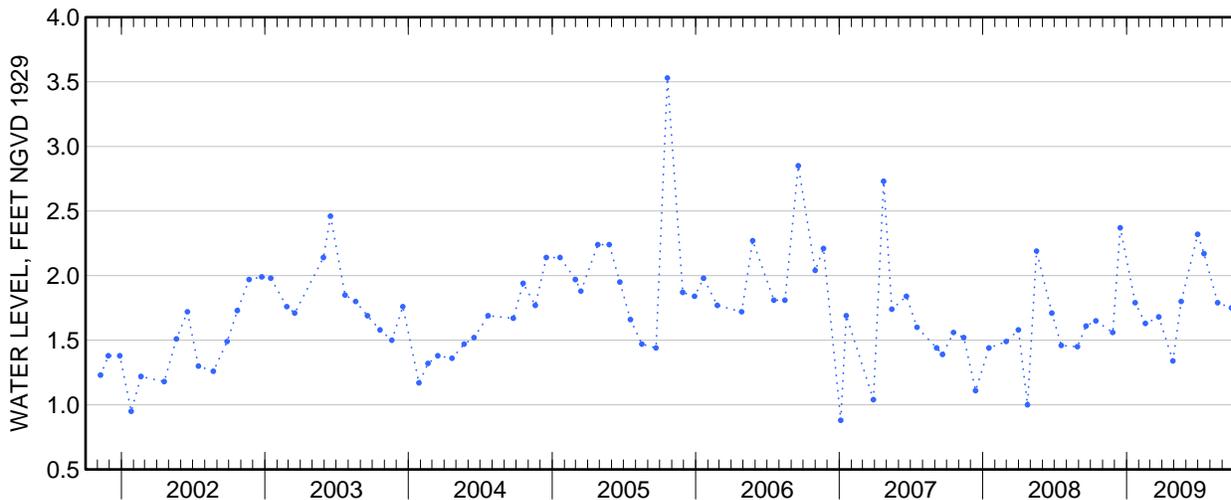
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.53 ft above sea level, October 20, 2005; lowest measured, 0.88 ft above sea level, January 4, 2007.

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

Date	Water level	Date	Water level
Oct 14	1.65	Apr 28	1.34
Nov 26	1.56	May 19	1.80
Dec 15	2.37	Jun 30	2.32
Jan 22	1.79	Jul 16	2.17
Feb 17	1.63	Aug 20	1.79
Mar 23	1.68	Sep 24	1.75





Water-Data Report 2009

410311072215501 Local number S 51170. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°03'11.9", long 72°21'52.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Nostrand (Brander) Parkway, 100 ft south of Lilliput Lane, West Neck, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 4 in; top of first opening 21 ft, bottom of last opening 31 ft.

DATUM.--Land-surface datum is 8.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.76 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to March 1995 and November 2001 to current year.

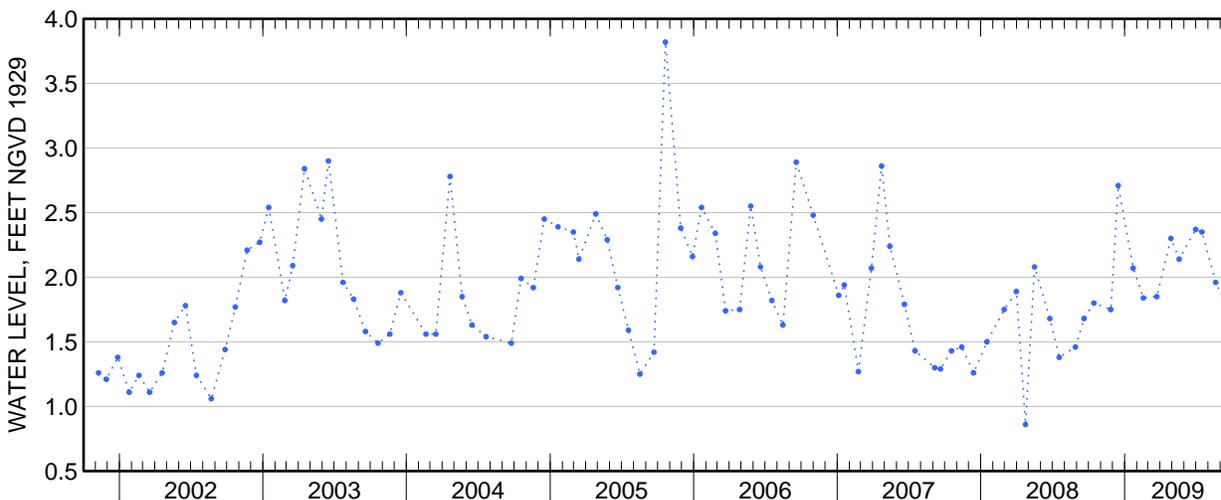
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.72 ft above sea level, June 11, 1982; lowest measured, 0.84 ft above sea level, September 13, 1980.

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

Date	Water level	Date	Water level
Oct 14	1.80	Apr 28	2.30
Nov 26	1.75	May 19	2.14
Dec 15	2.71	Jun 30	2.37
Jan 22	2.07	Jul 16	2.35
Feb 17	1.84	Aug 20	1.96
Mar 23	1.85	Sep 24	1.72





Water-Data Report 2009

410316071535501 Local number S 48579. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°03'17.5", long 71°53'52.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Montauk Point State Parkway (State Route 27), adjacent to intersection with Old Montauk Highway, Montauk.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66 ft. Upper casing diameter 6 in; top of first opening 53 ft, bottom of last opening 56 ft.

DATUM.--Land-surface datum is 38.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.55 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year. Unpublished records from January 1974 to September 1983 are available in files of the U.S. Geological Survey.

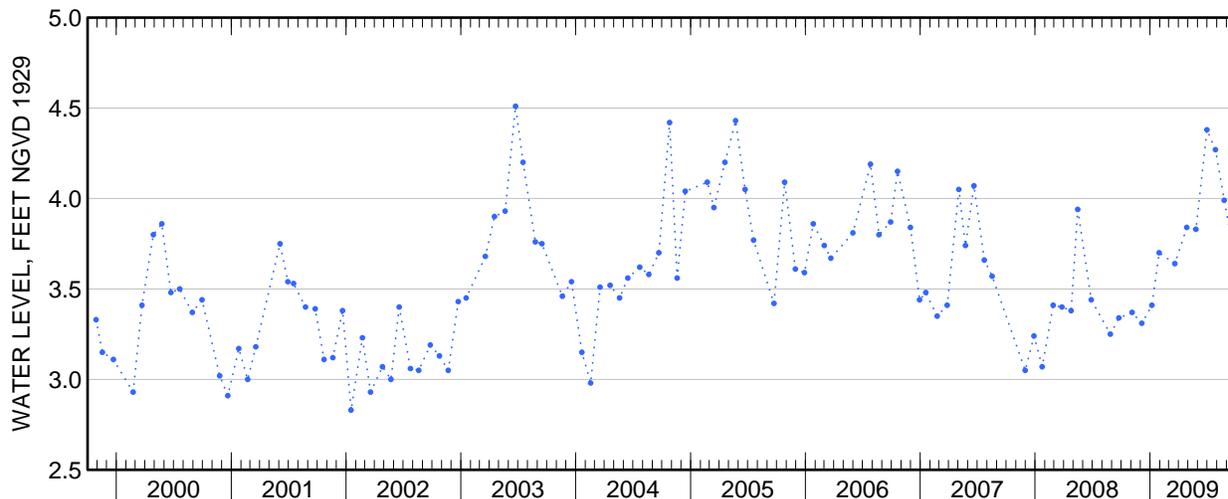
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.51 ft above sea level, June 23, 2003; lowest measured, 2.46 ft above sea level, December 22, 1976.

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

Date	Water level	Date	Water level
Nov 4	3.37	May 26	3.83
Dec 5	3.31	Jun 30	4.38
Jan 6	3.41	Jul 27	4.27
29	3.70	Aug 24	3.99
Mar 20	3.64	Sep 25	3.68
Apr 27	3.84		





Water-Data Report 2009

410316072192901 Local number S 51177. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°03'16.5", long 72°19'27.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Route 114, 58 ft north of Valley Road, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 39 ft. Upper casing diameter 4 in; top of first opening 27 ft, bottom of last opening 37 ft.

DATUM.--Land-surface datum is 17.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.58 ft below land-surface datum.

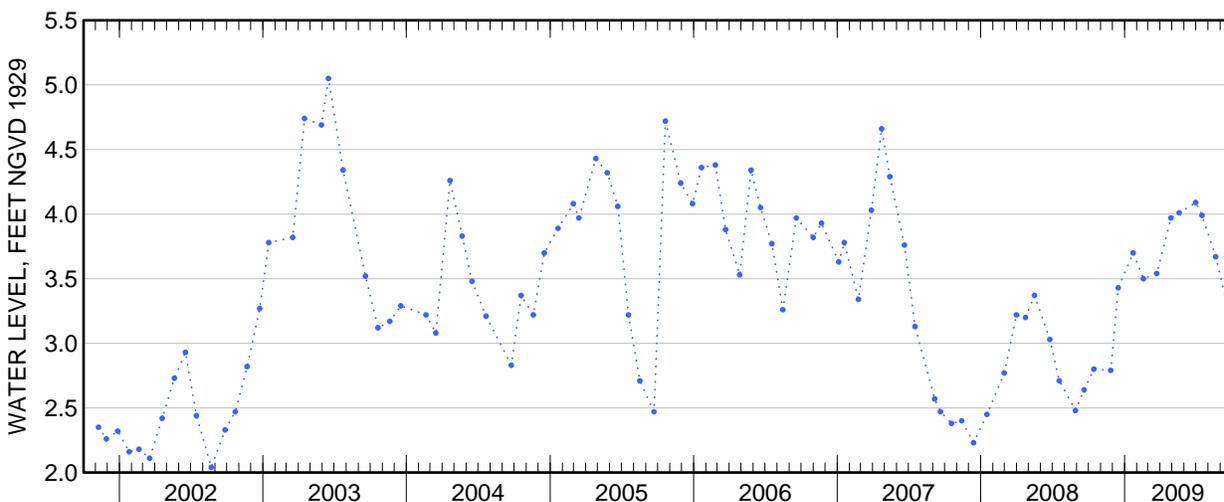
PERIOD OF RECORD.--June 1974 to March 1995 and November 2001 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.22 ft above sea level, June 11, 1982; lowest measured, 1.90 ft above sea level, December 10, 1980.

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

Date	Water level	Date	Water level
Oct 14	2.80	Apr 28	3.97
Nov 26	2.79	May 19	4.01
Dec 15	3.43	Jun 30	4.09
Jan 22	3.70	Jul 16	3.99
Feb 17	3.50	Aug 20	3.67
Mar 23	3.54	Sep 24	3.22





Water-Data Report 2009

410330071563901 Local number S 70618. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°03'30.7", long 71°56'37.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 85.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.34 ft below land-surface datum.

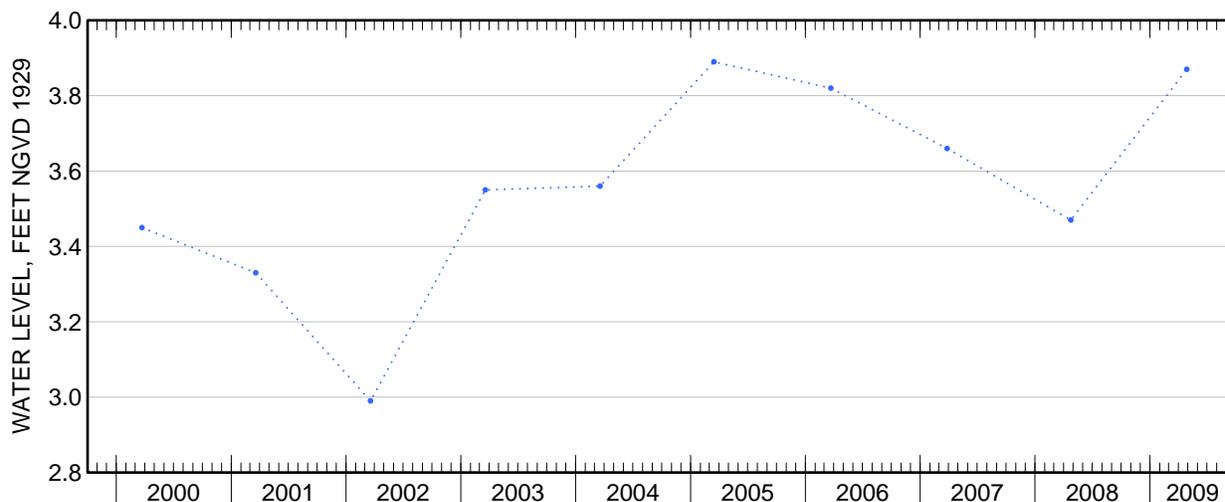
PERIOD OF RECORD.--May 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.66 ft above sea level, March 17, 1998; lowest measured, 1.04 ft above sea level, April 11, 1988.

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

Date	Water level
Apr 27	3.87





Water-Data Report 2009

410334072172701 Local number S 51183. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°03'32", long 72°17'29" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at west side of main trail in Mashomack Preserve, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 51 ft. Upper casing diameter 6 in; top of first opening 39 ft, bottom of last opening 49 ft.

DATUM.--Land-surface datum is 41 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 8.03 ft below land-surface datum.

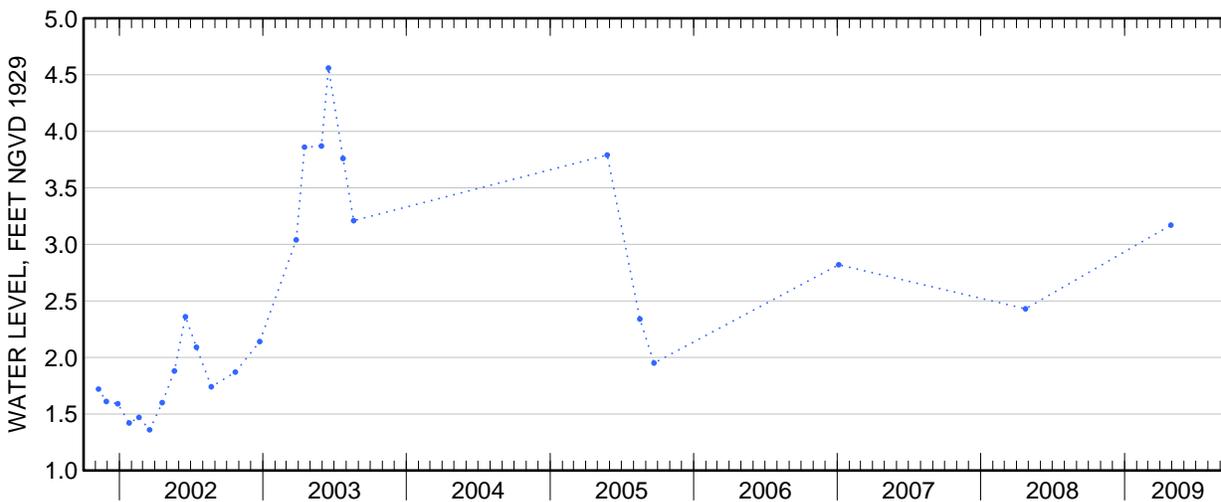
PERIOD OF RECORD.--June 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.56 ft above sea level, June 16, 2003; lowest measured, 1.28 ft above sea level, December 10, 1980.

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

Date	Water level
Apr 28	3.17





Water-Data Report 2009

410343071533101 Local number S 70262. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°03'43.6", long 71°53'29.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 168 ft. Upper casing diameter 4 in; top of first opening 158 ft, bottom of last opening 163 ft.

DATUM.--Land-surface datum is 50.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.32 ft below land-surface datum.

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

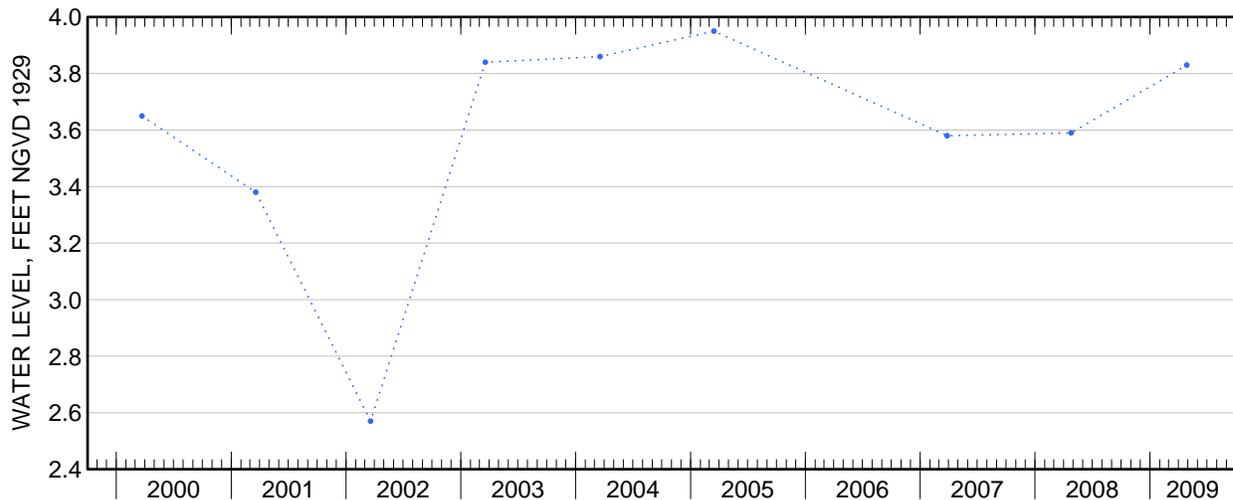
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.94 ft above sea level, May 23, 1983; lowest measured, 2.57 ft above sea level, March 19, 2002.

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

Date	Water level
Apr 27	3.83





Water-Data Report 2009

410349072222201 Local number S 51169. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°03'49.8", long 72°22'20.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Rocky Point Avenue, 400 ft south of Belvedere Avenue, West Neck, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 56 ft. Upper casing diameter 6 in; top of first opening 44 ft, bottom of last opening 54 ft.

DATUM.--Land-surface datum is 32.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.82 ft below land-surface datum.

PERIOD OF RECORD.--June 1974 to current year.

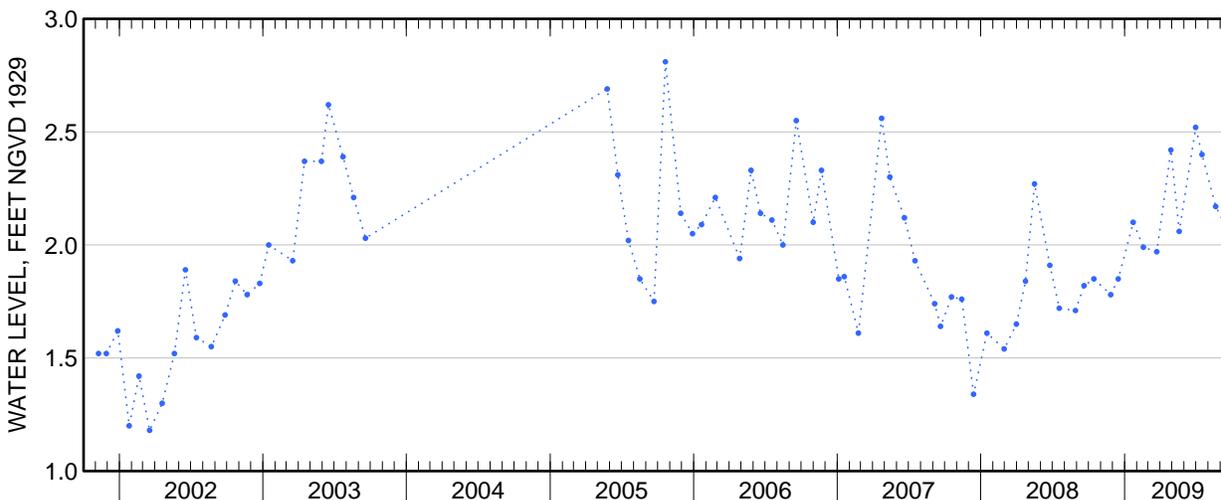
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.61 ft above sea level, June 11, 1982; lowest measured, 0.98 ft above sea level, December 21, 1976.

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

Date	Water level	Date	Water level
Oct 14	1.85	Apr 28	2.42
Nov 26	1.78	May 19	2.06
Dec 15	1.85	Jun 30	2.52
Jan 22	2.10	Jul 16	2.40
Feb 17	1.99	Aug 20	2.17
Mar 23	1.97	Sep 24	2.05





Water-Data Report 2009

410356071544201 Local number S 58922. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°03'55.8", long 71°54'42.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, near Montauk Lake, 500 ft east of East Lake Drive, Montauk.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 56 ft. Upper casing diameter 4 in; top of first opening 51 ft, bottom of last opening 56 ft.

DATUM.--Land-surface datum is 47.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

PERIOD OF RECORD.--October 1976 to current year.

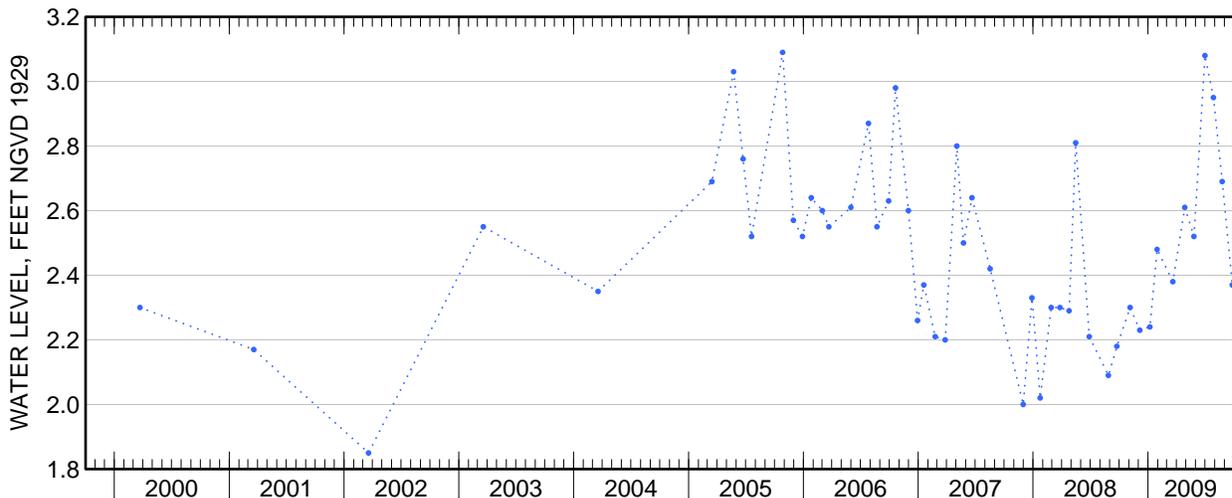
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.24 ft above sea level, March 25, 1999; lowest measured, 1.37 ft above sea level, December 21, 1980.

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

Date	Water level	Date	Water level
Nov 4	2.30	May 26	2.52
Dec 5	2.23	Jun 30	3.08
Jan 6	2.24	Jul 27	2.95
29	2.48	Aug 24	2.69
Mar 20	2.38	Sep 25	2.37
Apr 27	2.61		





Water-Data Report 2009

410414071515901 Local number S 70627. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°04'14.3", long 71°51'57.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 90.1 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.

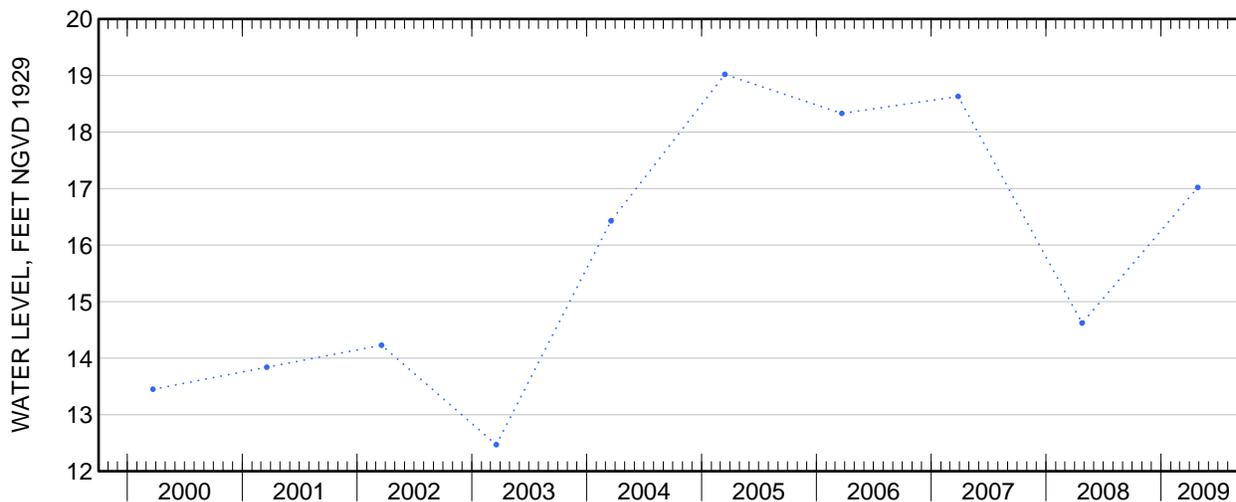
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.61 ft above sea level, September 26, 1984; lowest measured, 11.14 ft above sea level, March 9, 1982.

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

Date	Water level
Apr 27	17.02





Water-Data Report 2009

410430072202301 Local number S 51176. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°04'30.6", long 72°20'22.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southeast corner of Ferry Road (Route 114) and Manwaring Road, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 59 ft. Upper casing diameter 6 in; top of first opening 47 ft, bottom of last opening 57 ft.

DATUM.--Land-surface datum is 39.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.88 ft below land-surface datum.

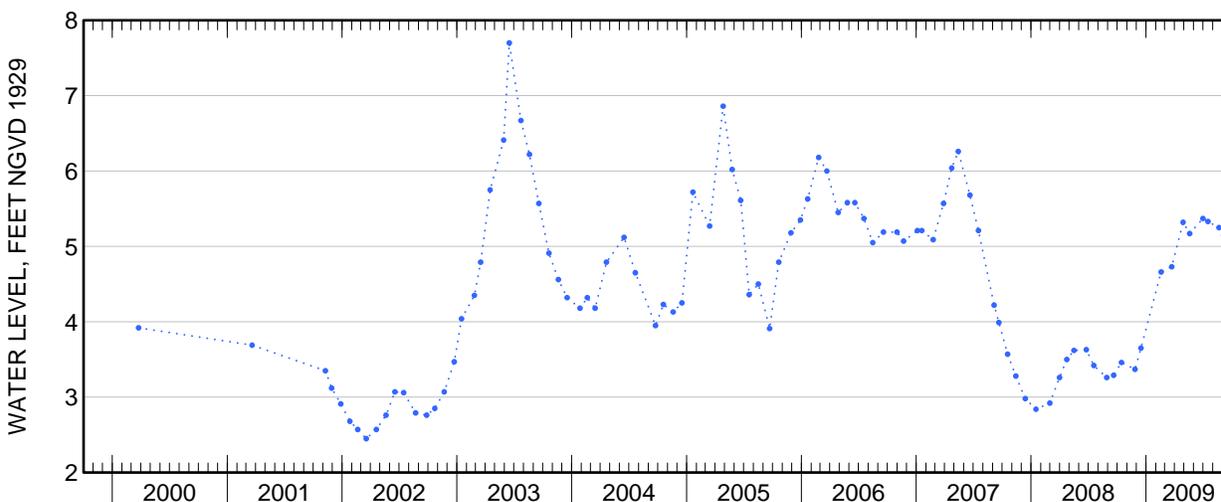
PERIOD OF RECORD.--June 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.70 ft above sea level, June 16, 2003; lowest measured, 2.42 ft above sea level, December 12, 1981.

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

Date	Water level	Date	Water level
Oct 14	3.46	May 19	5.17
Nov 26	3.37	Jun 30	5.37
Dec 15	3.65	Jul 16	5.33
Feb 17	4.66	Aug 20	5.25
Mar 23	4.73	Sep 24	4.83
Apr 28	5.32		





Water-Data Report 2009

410438072213201 Local number S 73974. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°04'39.2", long 72°21'23.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Shelter Island Country Club and Golf Course, west side of fairway to 6th green, at edge of woods, 3,000 ft north of West Neck Road, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 42 ft.

DATUM.--Land-surface datum is 38.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.53 ft above land-surface datum.

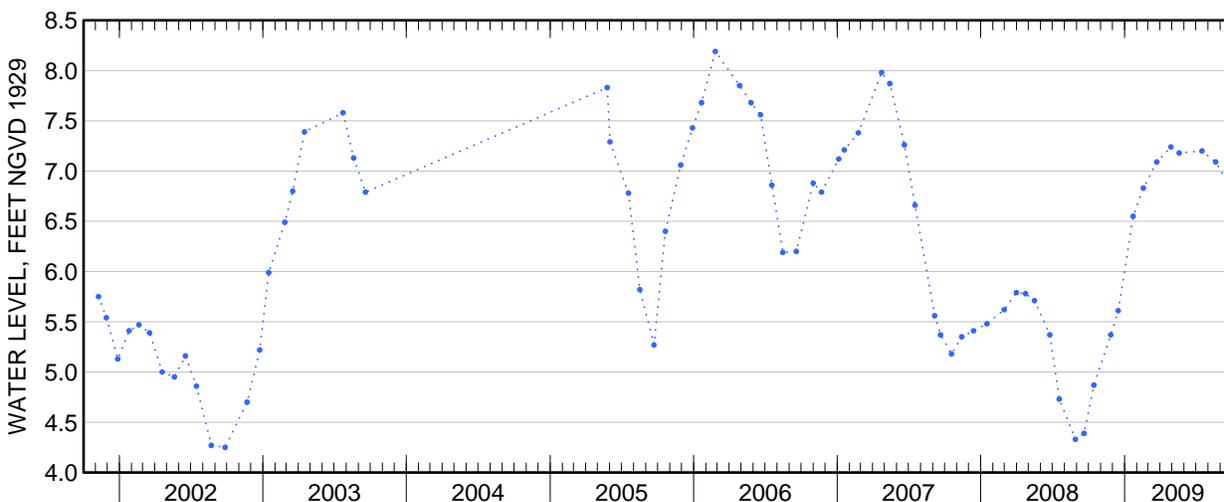
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.19 ft above sea level, February 24, 2006; lowest measured, 4.25 ft above sea level, September 26, 2002.

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

Date	Water level	Date	Water level
Oct 14	4.87	Apr 28	7.24
Nov 26	5.37	May 19	7.18
Dec 15	5.61	Jul 16	7.20
Jan 22	6.55	Aug 20	7.09
Feb 17	6.83	Sep 24	6.85
Mar 23	7.09		





Water-Data Report 2009

410439072173501 Local number S 75432. 2

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°04'40.0", long 72°17'34.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of South Ram Island Drive and east side of Tuthill Drive, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in; top of first opening 24 ft, bottom of last opening 29 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1990 to March 1995 and November 2001 to current year.

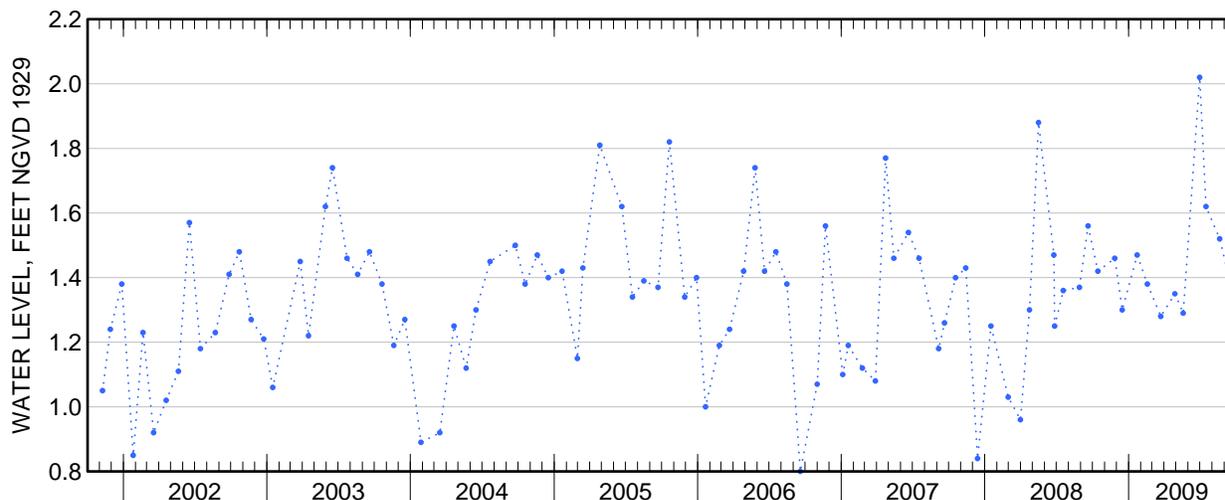
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.02 ft above sea level, June 30, 2009; lowest measured, 0.80 ft above sea level, September 18, 2006.

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

Date	Water level	Date	Water level
Oct 14	1.42	Apr 28	1.35
Nov 26	1.46	May 19	1.29
Dec 15	1.30	Jun 30	2.02
Jan 22	1.47	Jul 16	1.62
Feb 17	1.38	Aug 20	1.52
Mar 23	1.28	Sep 24	1.34





Water-Data Report 2009

410516072200901 Local number S 52084. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°05'16", long 72°20'09" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Manhasset Road, 143 ft north of Cobbets Lane, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 74 ft. Upper casing diameter 6 in; top of first opening 62 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 28.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.45 ft below land-surface datum.

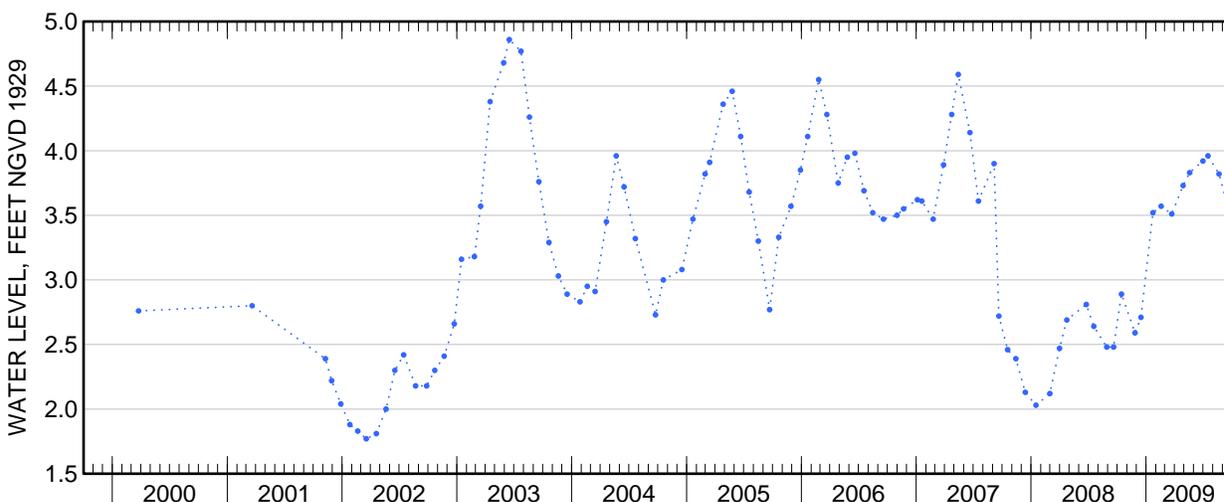
PERIOD OF RECORD.--July 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.21 ft above sea level, March 5, 1979; lowest measured, 1.71 ft above sea level, March 9, 1981.

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

Date	Water level	Date	Water level
Oct 14	2.89	Apr 28	3.73
Nov 26	2.59	May 19	3.83
Dec 15	2.71	Jun 30	3.92
Jan 22	3.52	Jul 16	3.96
Feb 17	3.57	Aug 20	3.82
Mar 23	3.51	Sep 24	3.51





Water-Data Report 2009

410602072195801 Local number S 51182. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°06'03.1", long 72°20'00.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Westview Road, 99 ft west of Crescent Drive, Shelter Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 76 ft. Upper casing diameter 6 in; top of first opening 64 ft, bottom of last opening 74 ft.

DATUM.--Land-surface datum is 55.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.93 ft below land-surface datum.

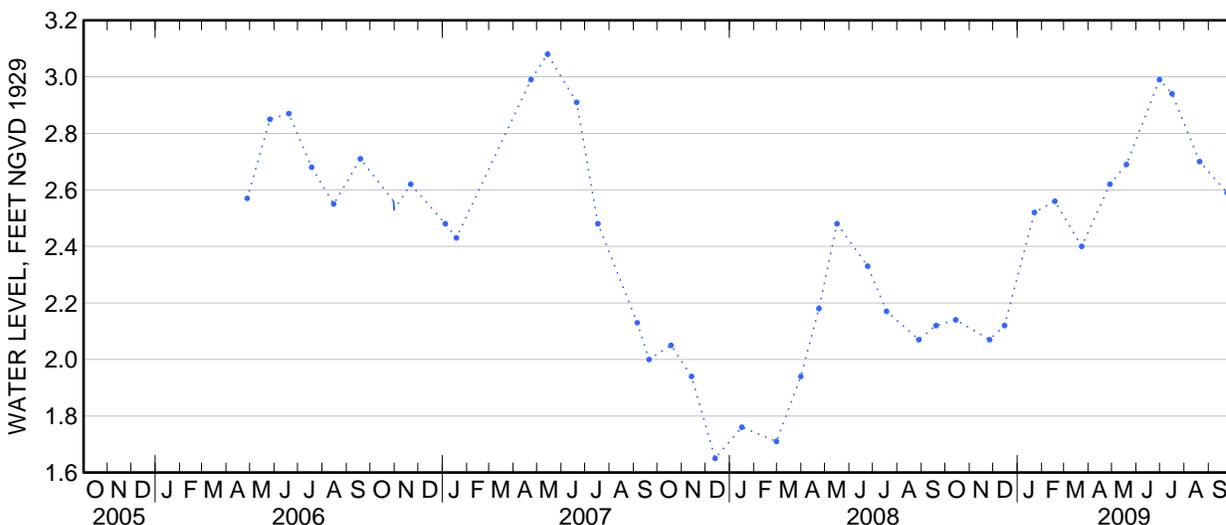
PERIOD OF RECORD.--June 1974 to April 1984, March 1990, March 1994 to March 1995, and April 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.41 ft above sea level, March 3, 1979; lowest measured, 0.88 ft above sea level, March 2, 1983.

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

Date	Water level	Date	Water level
Oct 14	2.14	Apr 28	2.62
Nov 26	2.07	May 19	2.69
Dec 15	2.12	Jun 30	2.99
Jan 22	2.52	Jul 16	2.94
Feb 17	2.56	Aug 20	2.70
Mar 23	2.40	Sep 24	2.59





Water-Data Report 2009

410634072223601 Local number S 16783. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper
Suffolk County, NY

LOCATION.--Lat 41°06'36.9", long 72°22'35.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Moore Lane, 61 ft south of North Road (State Route 25), Southold.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 28 ft. Upper casing diameter 2 in; top of first opening 20 ft, bottom of last opening 24 ft.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.13 ft below land-surface datum.

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

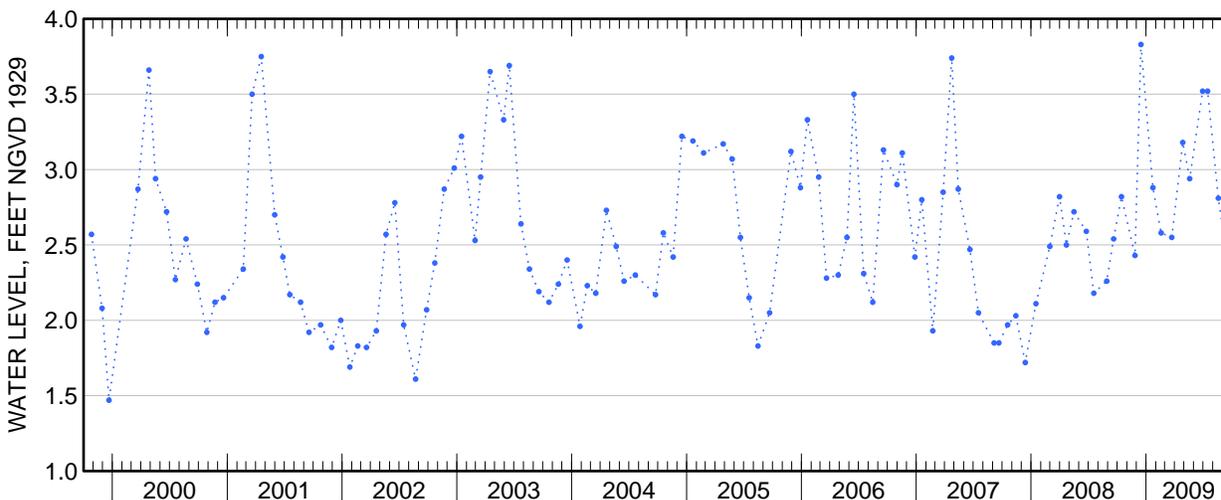
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.11 ft above sea level, March 17, 1998; lowest measured, 1.47 ft above sea level, December 21, 1999.

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

Date	Water level	Date	Water level
Oct 14	2.82	Apr 27	3.18
Nov 26	2.43	May 19	2.94
Dec 15	3.83	Jun 29	3.52
Jan 22	2.88	Jul 15	3.52
Feb 17	2.58	Aug 18	2.81
Mar 23	2.55	Sep 24	2.28





Water-Data Report 2009

410858072171501 Local number S 16787. 1

Northern Atlantic Coastal Plain aquifer system
 Glacial Aquifer, Upper
 Suffolk County, NY

LOCATION.--Lat 41°08'58", long 72°17'15" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at south side of State Route 25, east of Platt Road, Orient.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 1.25 in; top of first opening 41 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 22.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.14 ft above land-surface datum.

PERIOD OF RECORD.--August 1958 to current year. Unpublished records from August 1958 to September 1977 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.61 ft above sea level, May 27, 1998; lowest measured, 1.12 ft above sea level, August 8, 1966.

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

Date	Water level	Date	Water level
Oct 14	3.00	Apr 27	4.42
Nov 26	2.98	May 19	4.36
Dec 15	2.99	Jun 29	4.64
Jan 22	3.52	Jul 15	4.94
Feb 17	3.85	Aug 18	4.60
Mar 23	3.96	Sep 24	3.85

