Water-Data Report 2008

# 404301073240904 Local number S 1805. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°43'02.1", long 73°24'07.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of State Route 109, west of Albany Avenue, Maywood.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 2 in; top of first opening 31 ft, bottom of last opening 33 ft.

DATUM.--Land-surface datum is 57.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.02 ft above land-surface datum.

PERIOD OF RECORD.--October 1953 to current year.

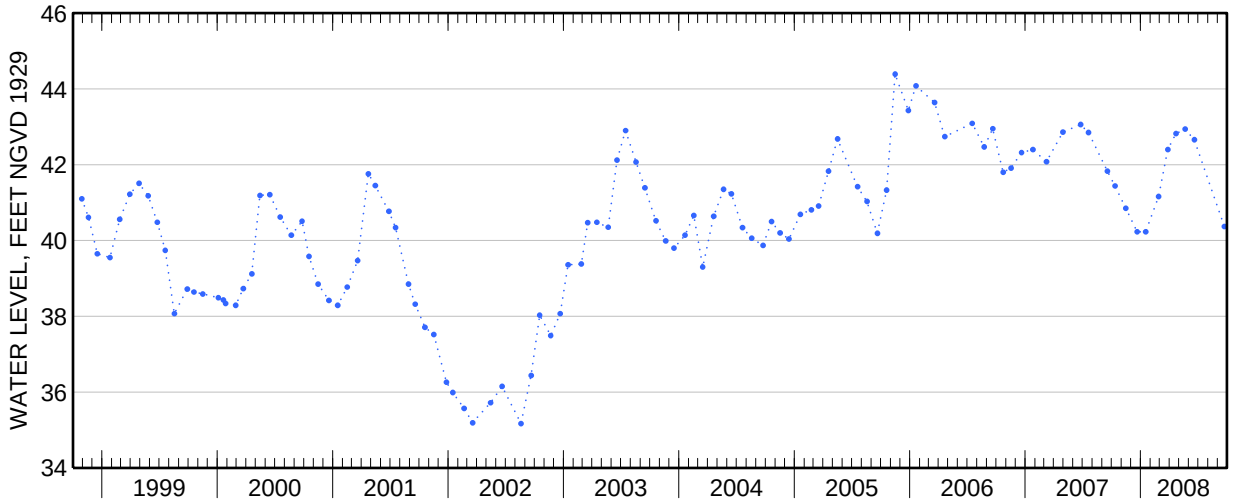
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1805.3 in October 1953 near same location. Unpublished records from October 1912 to September 1975 for wells S1805.1 to S1805.3 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.47 ft above sea level, August 27, 1984; lowest measured, 35.17 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 41.44 | Mar 27 | 42.40 |
| Nov 15 | 40.85 | Apr 22 | 42.82 |
| Dec 21 | 40.23 | May 21 | 42.94 |
| Jan 17 | 40.23 | Jun 19 | 42.66 |
| Feb 27 | 41.16 | Sep 22 | 40.37 |



Water-Data Report 2008

# 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.

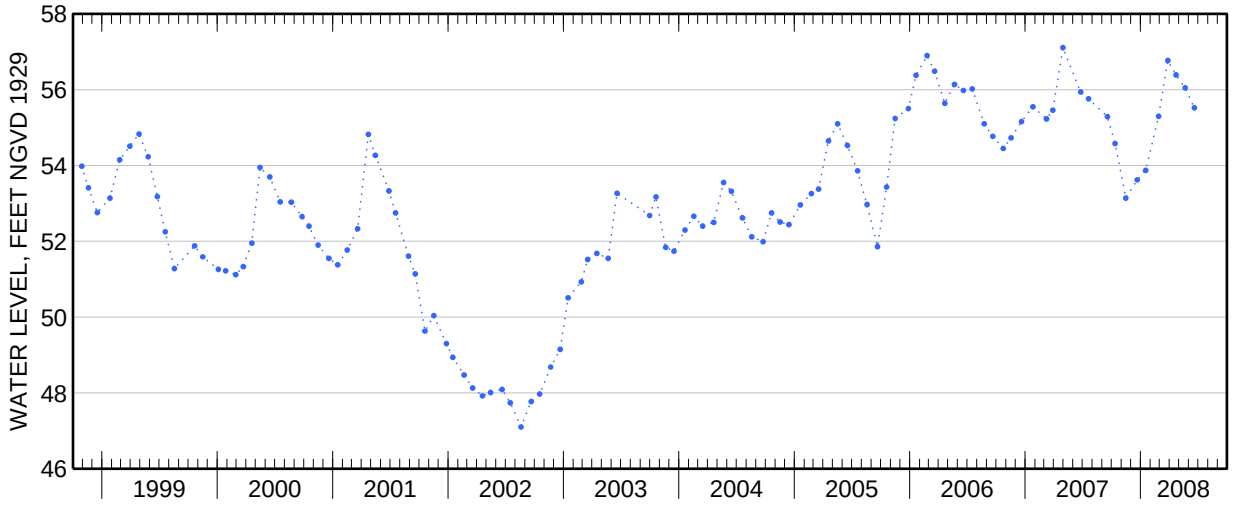
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 54.58 | Mar 27 | 56.77 |
| Nov 15 | 53.14 | Apr 22 | 56.39 |
| Dec 21 | 53.62 | May 21 | 56.05 |
| Jan 17 | 53.87 | Jun 19 | 55.52 |
| Feb 27 | 55.30 | | |



Water-Data Report 2008

# 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.

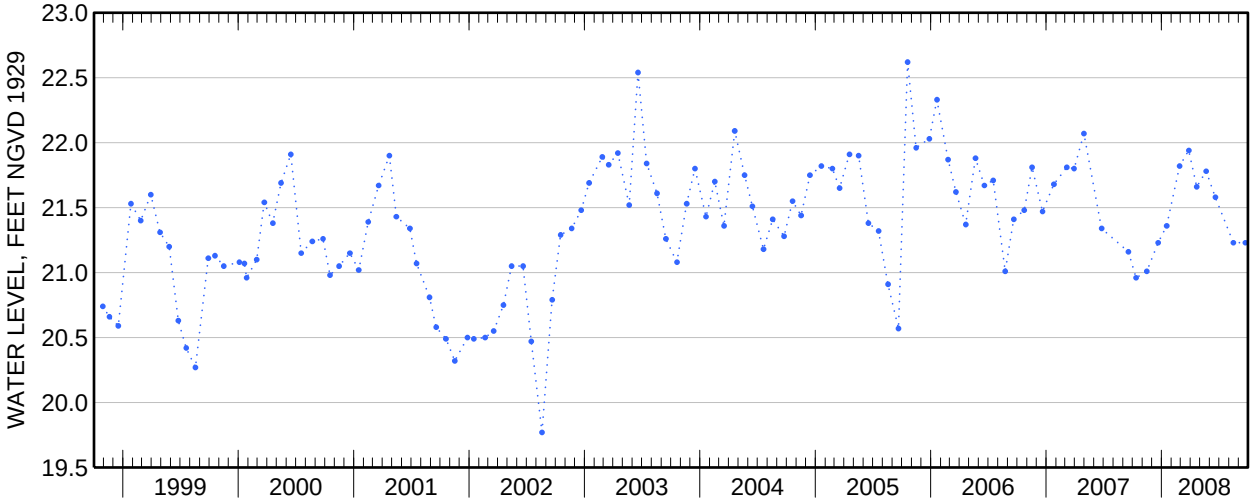
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 20.96 | Apr 21 | 21.66 |
| Nov 15 | 21.01 | May 21 | 21.78 |
| Dec 21 | 21.23 | Jun 19 | 21.58 |
| Jan 17 | 21.36 | Aug 15 | 21.23 |
| Feb 27 | 21.82 | Sep 22 | 21.23 |
| Mar 27 | 21.94 | | |



Water-Data Report 2008

# 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.

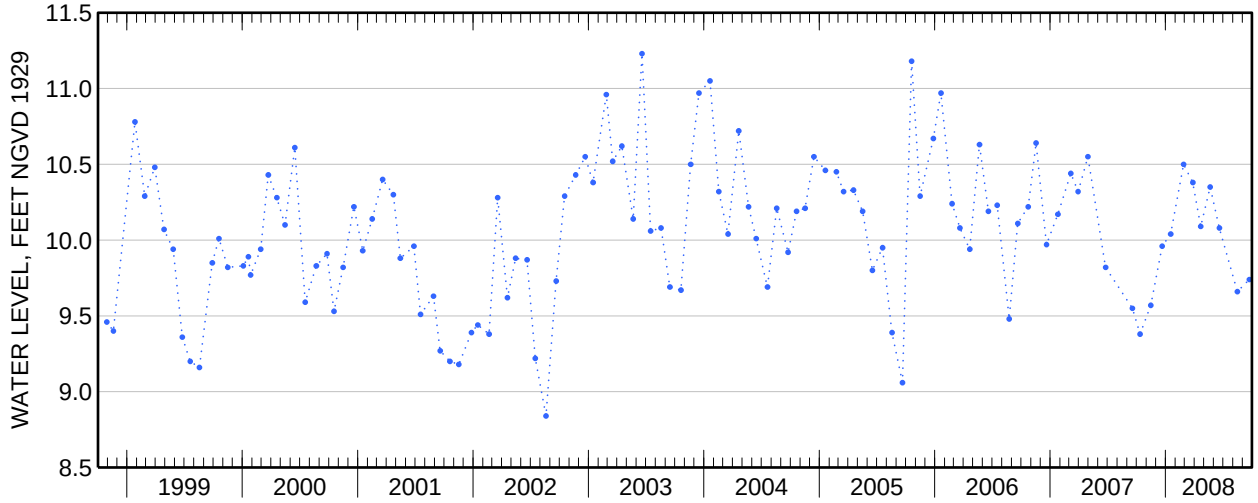
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1808.4 in October 1989 near same location. Unpublished records from October 1912 to September 1975, for wells S1808.1 to S1808.4 are available in files of the Geological Survey.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 9.38 | Apr 21 | 10.09 |
| Nov 15 | 9.57 | May 21 | 10.35 |
| Dec 21 | 9.96 | Jun 19 | 10.08 |
| Jan 17 | 10.04 | Aug 15 | 9.66 |
| Feb 27 | 10.50 | Sep 22 | 9.74 |
| Mar 27 | 10.38 | | |



Water-Data Report 2008

# 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.

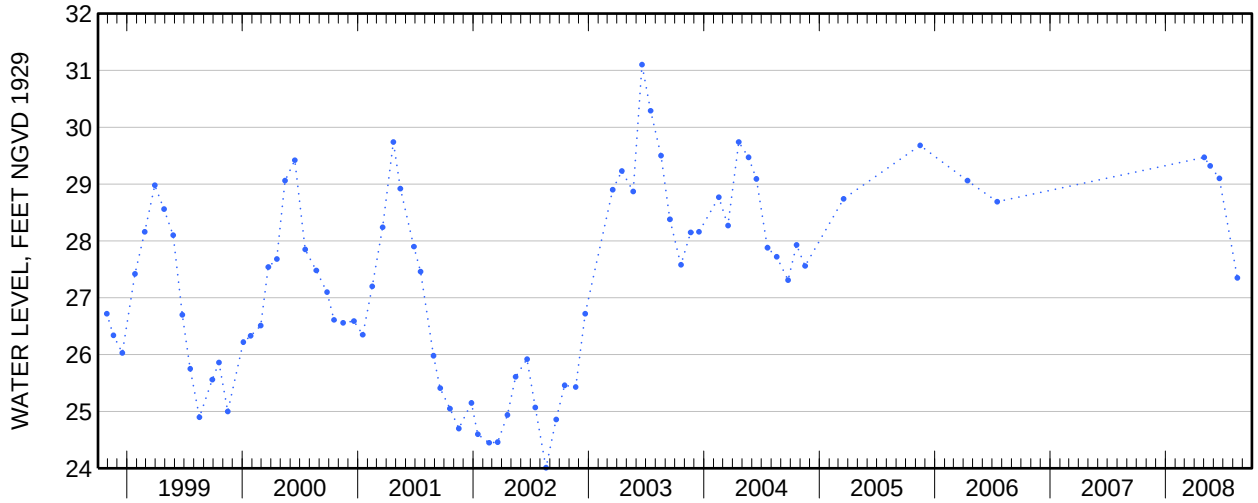
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| May 2 | 29.47 | Jun 19 | 29.10 |
| 21 | 29.32 | Aug 15 | 27.35 |



Water-Data Report 2008

# 404614073164404 Local number S 1810. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°46'11.5", long 73°16'42.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of North Gardiner Drive, south of Pine Aire Drive, in front of house 1712, Pine Aire.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 55 ft. Upper casing diameter 1.25 in; top of first opening 52 ft, bottom of last opening 55 ft.

DATUM.--Land-surface datum is 90.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.00 ft below land-surface datum.

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

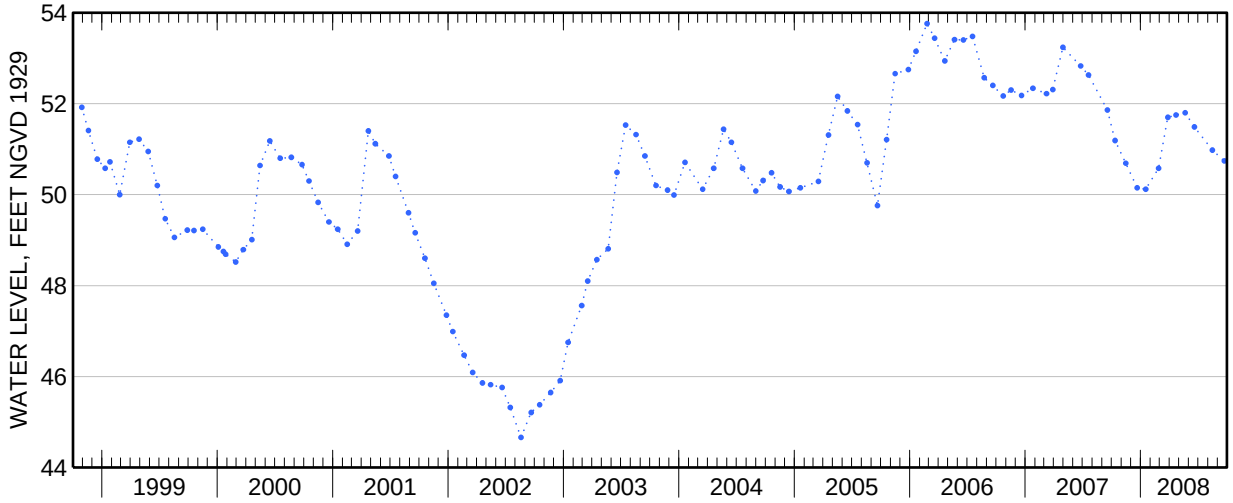
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1810.3 in November 1975 near same location. Unpublished records from October 1912 to November 1914, and August 1932 to September 1975, for wells S1810.1 to S1810.3 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.28 ft above sea level, July 23, 1984; lowest measured, 44.66 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 51.19 | Apr 22 | 51.75 |
| Nov 15 | 50.69 | May 21 | 51.80 |
| Dec 21 | 50.15 | Jun 19 | 51.49 |
| Jan 17 | 50.12 | Aug 15 | 50.98 |
| Feb 27 | 50.58 | Sep 22 | 50.74 |
| Mar 27 | 51.70 | | |



Water-Data Report 2008

# 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.

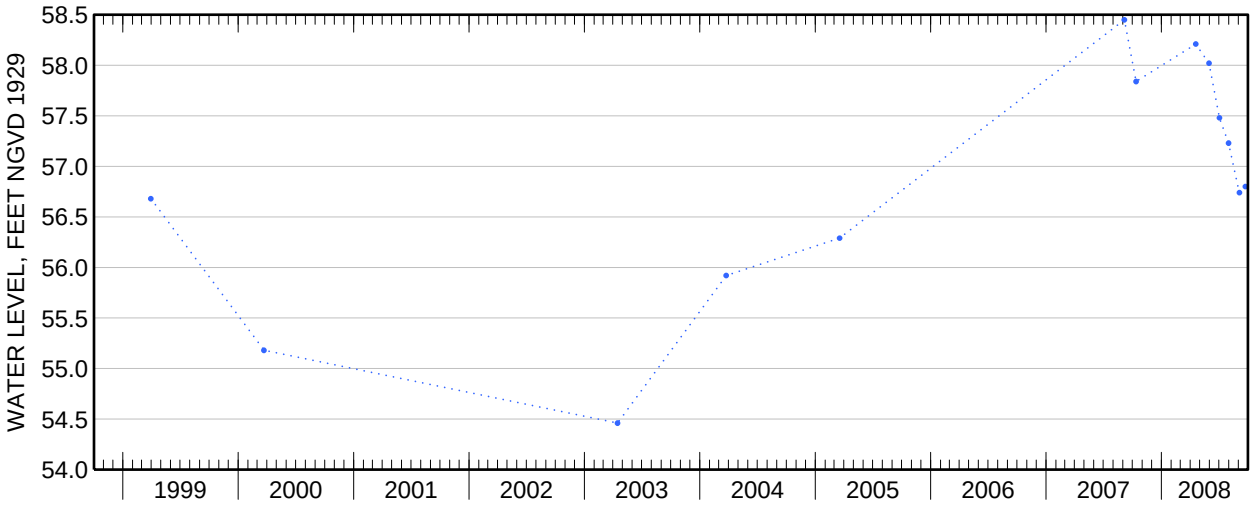
PERIOD OF RECORD.--March 1987 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 57.84 | Jul 31 | 57.23 |
| Apr 18 | 58.21 | Sep 3 | 56.74 |
| May 30 | 58.02 | 22 | 56.80 |
| Jul 2 | 57.48 | | |



Water-Data Report 2008

# 404958073085001 Local number S 1812. 3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°49'58.7", long 73°08'48.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of Smithtown Boulevard and Nichols Road, Ronkonkoma.

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 69.9 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of north side of casing, 1.06 ft below land-surface datum.

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

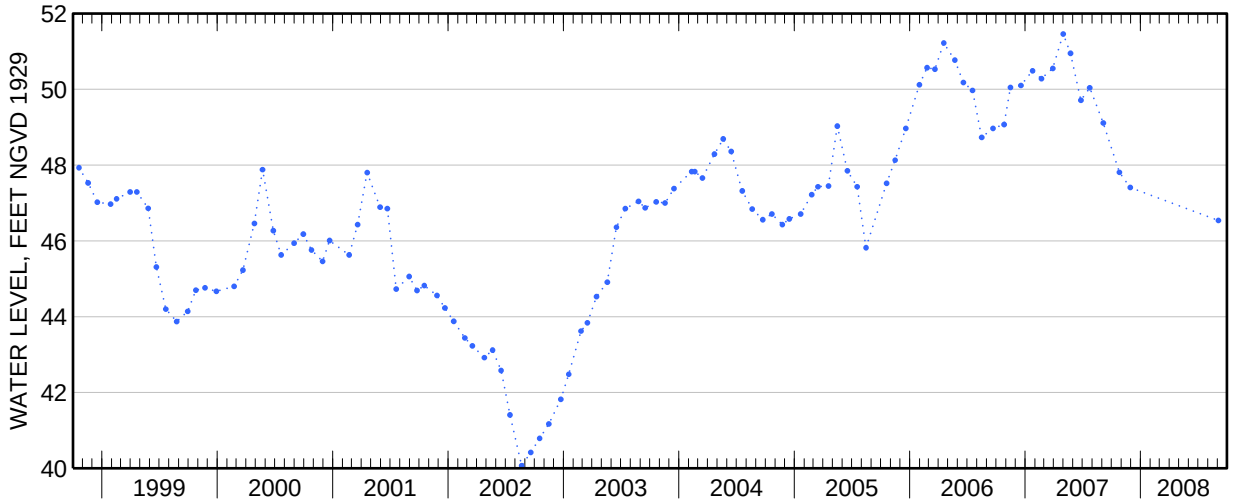
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1812.2 in May 1982 near same location. Unpublished records from April 1937 to September 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.46 ft above sea level, May 1, 2007; lowest measured, 40.07 ft above sea level, August 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 47.81 | Sep 3 | 46.54 |
| Nov 29 | 47.41 | | |



Water-Data Report 2008

# 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.

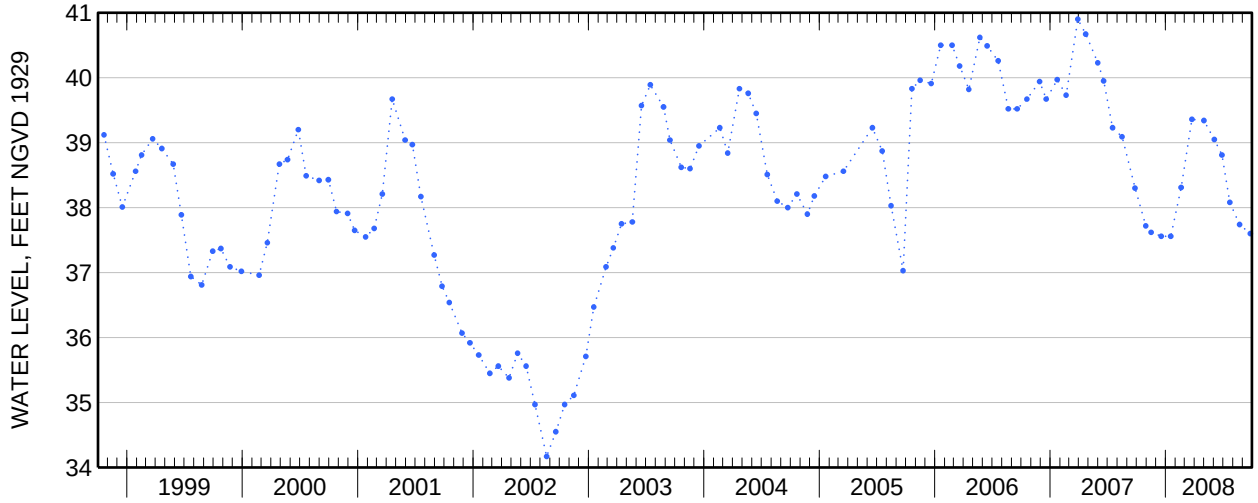
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1814.2 in May 1982 near same location, unpublished records from November 1939 to September 1975 are available in files of the Geological Survey.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 37.72 | May 1 | 39.34 |
| Nov 16 | 37.62 | Jun 3 | 39.05 |
| Dec 18 | 37.56 | 27 | 38.81 |
| Jan 17 | 37.56 | Jul 22 | 38.08 |
| Feb 19 | 38.31 | Aug 22 | 37.74 |
| Mar 24 | 39.36 | Sep 25 | 37.60 |



Water-Data Report 2008

# 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.

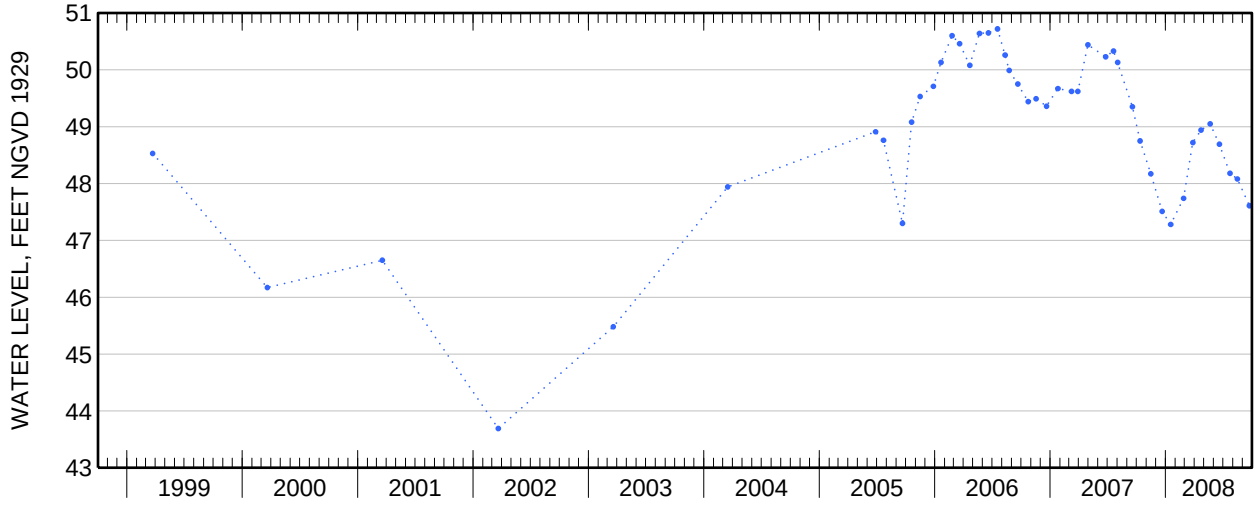
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 48.75 | Apr 22 | 48.94 |
| Nov 15 | 48.17 | May 21 | 49.05 |
| Dec 21 | 47.51 | Jun 19 | 48.69 |
| Jan 17 | 47.28 | Jul 23 | 48.18 |
| Feb 27 | 47.74 | Aug 15 | 48.08 |
| Mar 27 | 48.72 | Sep 22 | 47.61 |



Water-Data Report 2008

# 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.

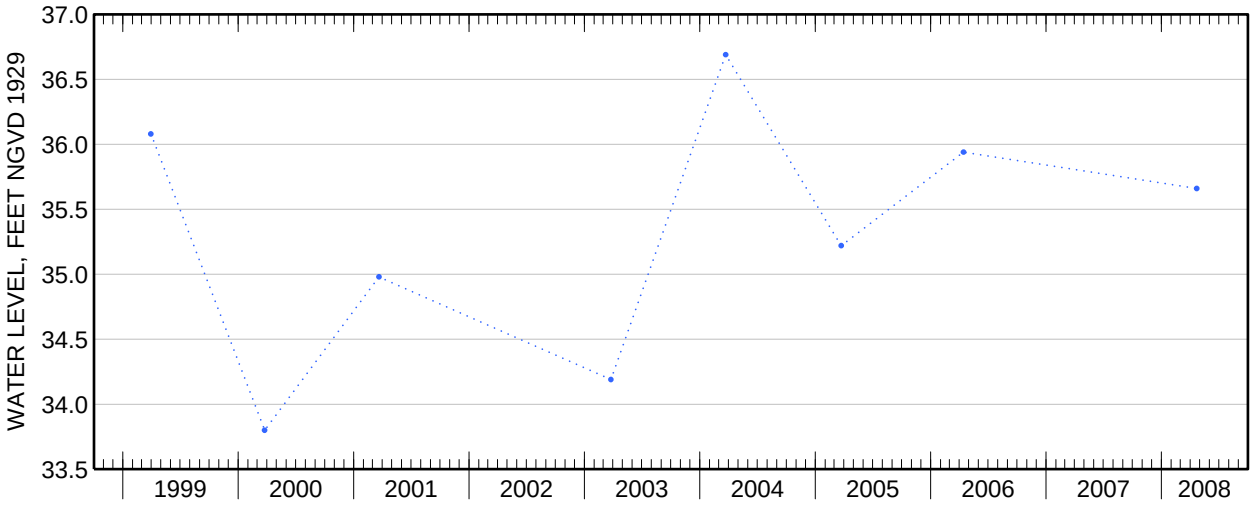
PERIOD OF RECORD.--July 1948 to current year.

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 10, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 35.66 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

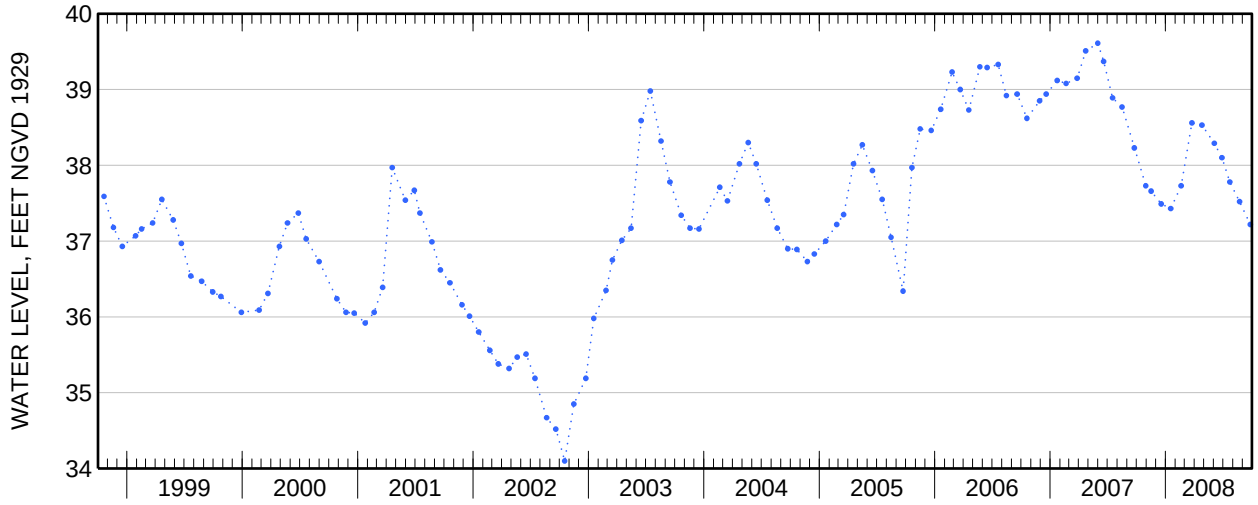
PERIOD OF RECORD.--January 1907 to current year. Unpublished records from January 1907 to July 1909, April 1942 to September 1975, are available in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 37.73 | Apr 25 | 38.53 |
| Nov 16 | 37.66 | Jun 3 | 38.29 |
| Dec 18 | 37.49 | 27 | 38.10 |
| Jan 17 | 37.43 | Jul 22 | 37.78 |
| Feb 19 | 37.73 | Aug 22 | 37.52 |
| Mar 24 | 38.56 | Sep 25 | 37.22 |



Water-Data Report 2008

# 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.

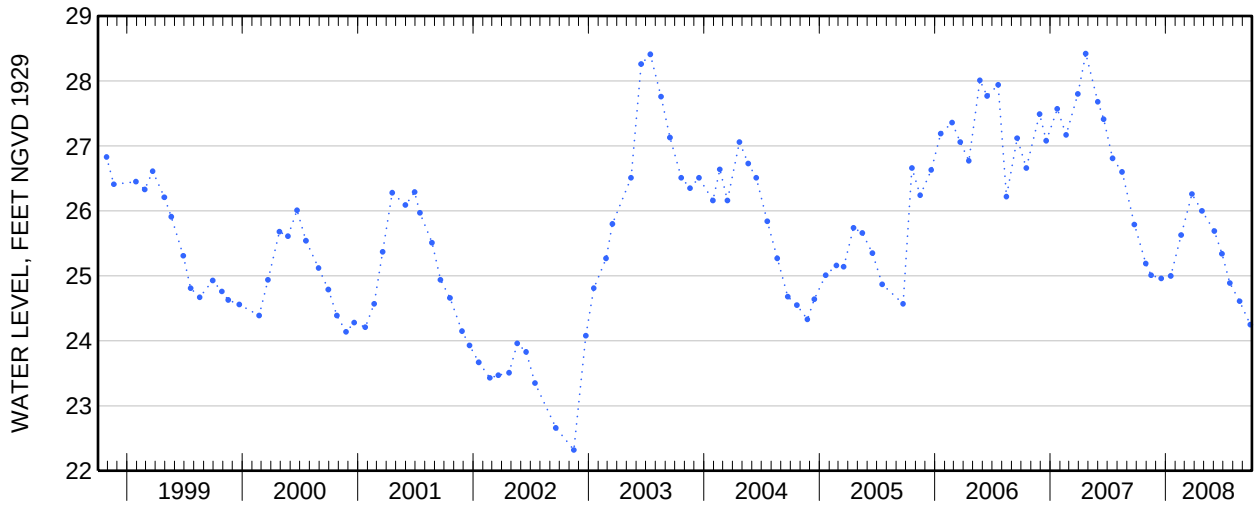
PERIOD OF RECORD.--December 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 25.19 | Apr 25 | 26.00 |
| Nov 16 | 25.01 | Jun 3 | 25.69 |
| Dec 18 | 24.96 | 27 | 25.34 |
| Jan 17 | 25.00 | Jul 22 | 24.89 |
| Feb 19 | 25.63 | Aug 22 | 24.61 |
| Mar 24 | 26.26 | Sep 25 | 24.25 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

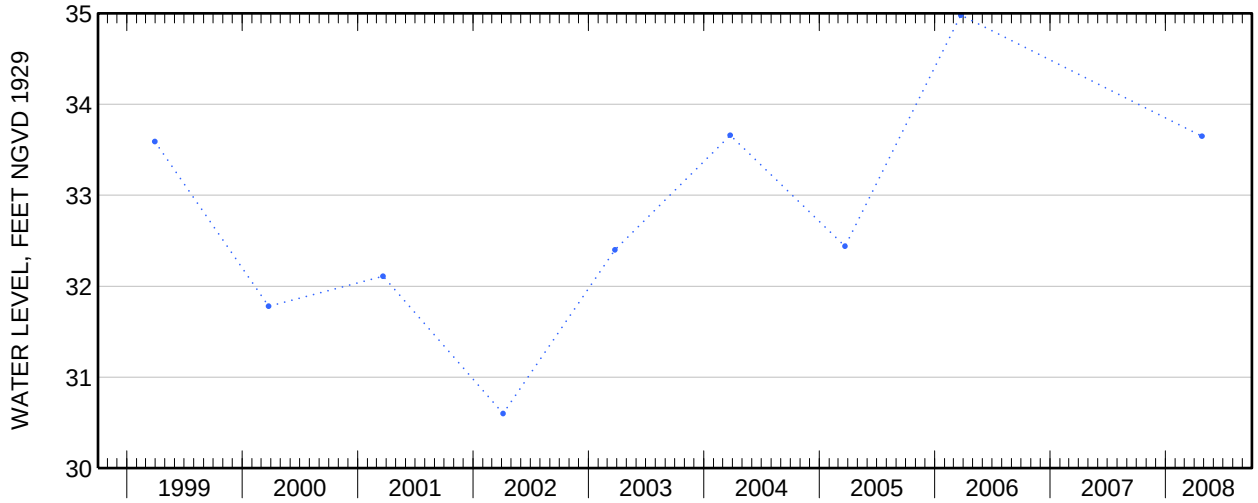
PERIOD OF RECORD.--March 1907 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 33.65 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 24.67 |

Water-Data Report 2008

# 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.

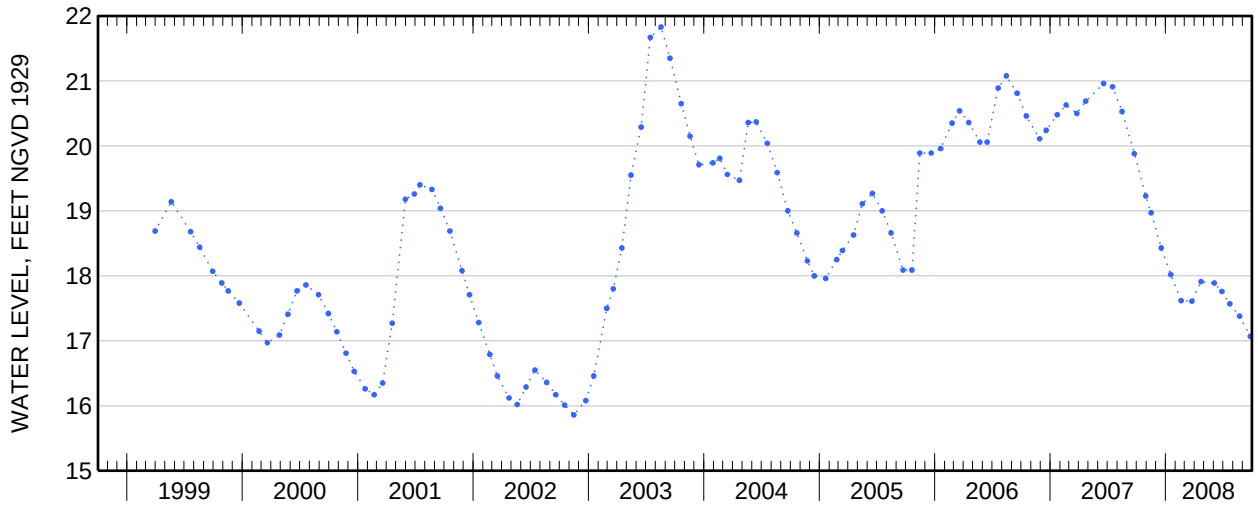
PERIOD OF RECORD.--March 1907 to December 1909, April 1942 to April 1943, and January 1947 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 19.23 | Apr 22 | 17.91 |
| Nov 16 | 18.97 | Jun 3 | 17.89 |
| Dec 18 | 18.43 | 27 | 17.76 |
| Jan 17 | 18.02 | Jul 22 | 17.57 |
| Feb 19 | 17.62 | Aug 22 | 17.38 |
| Mar 24 | 17.61 | Sep 25 | 17.07 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

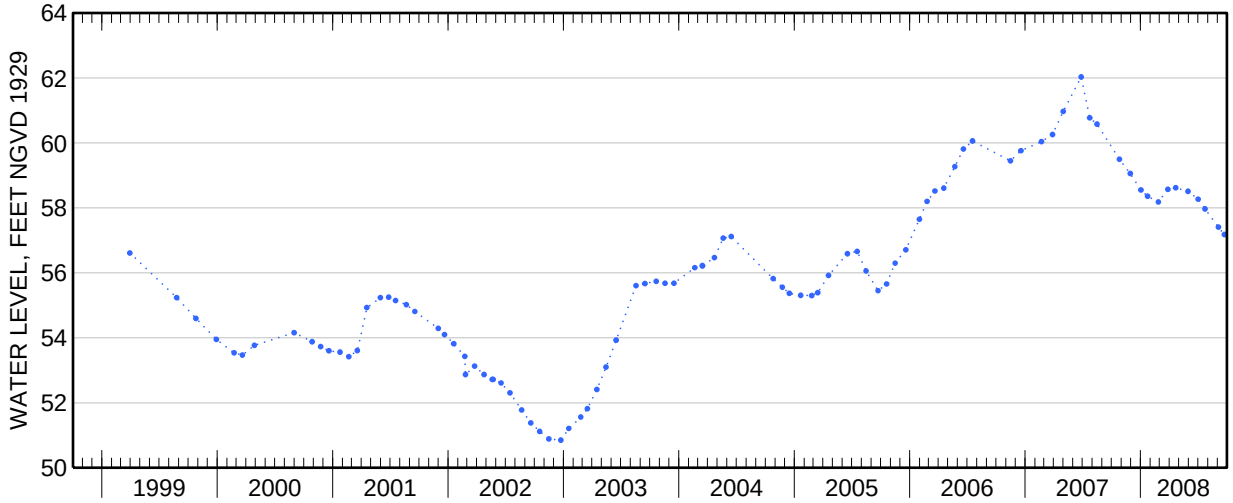
PERIOD OF RECORD.--January 1954 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 59.50 | Apr 21 | 58.62 |
| Nov 29 | 59.06 | May 30 | 58.51 |
| Jan 2 | 58.55 | Jul 1 | 58.27 |
| 23 | 58.36 | 23 | 57.97 |
| Feb 26 | 58.18 | Sep 3 | 57.41 |
| Mar 27 | 58.57 | 22 | 57.18 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

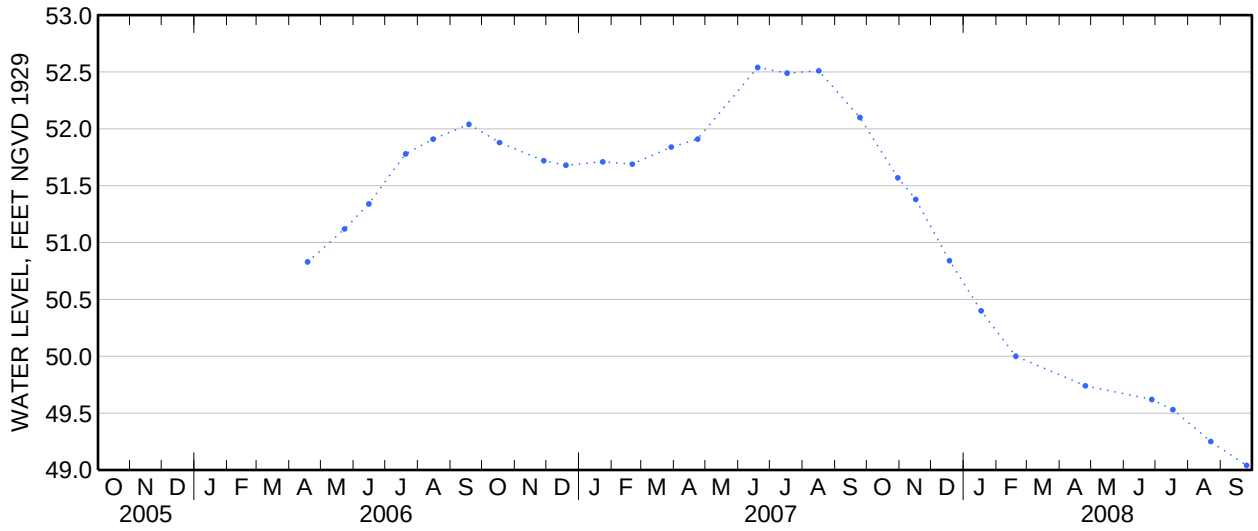
PERIOD OF RECORD.--June 1958 to August 1996 and April 2006 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 51.57 | Apr 25 | 49.74 |
| Nov 16 | 51.38 | Jun 27 | 49.62 |
| Dec 18 | 50.84 | Jul 17 | 49.53 |
| Jan 17 | 50.40 | Aug 22 | 49.25 |
| Feb 19 | 50.00 | Sep 25 | 49.04 |



Water-Data Report 2008

# 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.

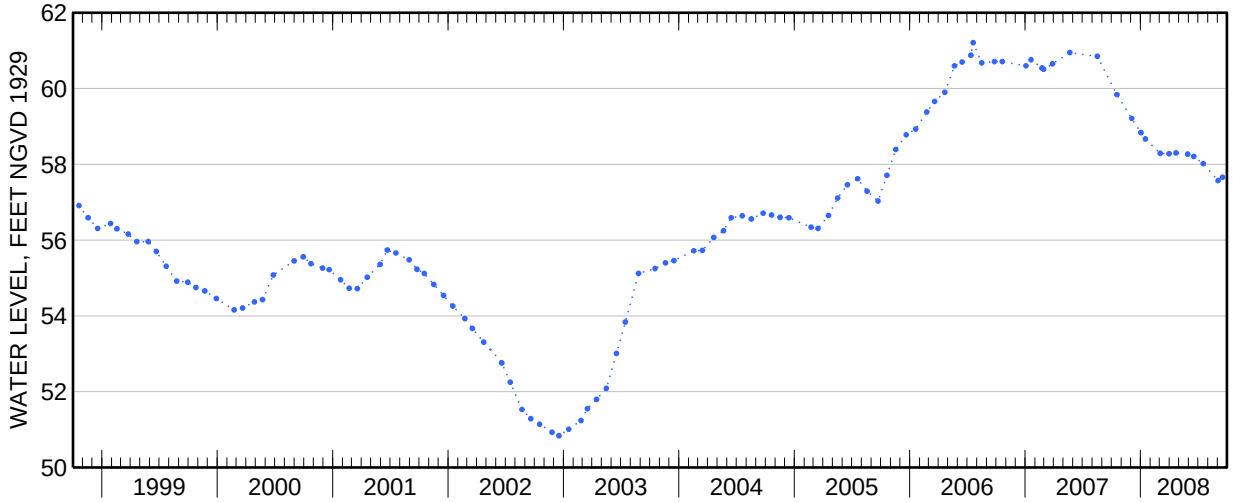
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S3955.3 in April 1975 near same location. Unpublished records from September 1944 to September 1975 are available in files of the Geological Survey.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 59.84 | Apr 22 | 58.30 |
| Dec 4 | 59.21 | May 29 | 58.27 |
| Jan 2 | 58.84 | Jun 17 | 58.21 |
| 16 | 58.67 | Jul 17 | 58.02 |
| Mar 3 | 58.29 | Sep 2 | 57.57 |
| 31 | 58.28 | 16 | 57.66 |



Water-Data Report 2008

# 405743072425701 Local number S 4271. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°57′43″, long 72°42′57″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Long Island Research Farm, east of Horton Avenue, south of Sound Avenue, Riverhead.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 105 ft. Upper casing diameter 4 in; top of first opening 100 ft, bottom of last opening 105 ft.

DATUM.--Land-surface datum is 100.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.36 ft below land-surface datum.

PERIOD OF RECORD.--August 1945 to current year.

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

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.25 ft above sea level, August 12, 1984; lowest measured, 8.16 ft above sea level, September 5, 1966.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 12.24 ft above sea level, October 1; lowest recorded, 10.93 ft above sea level, September 7, 8, 9, 10, 11, and 12.

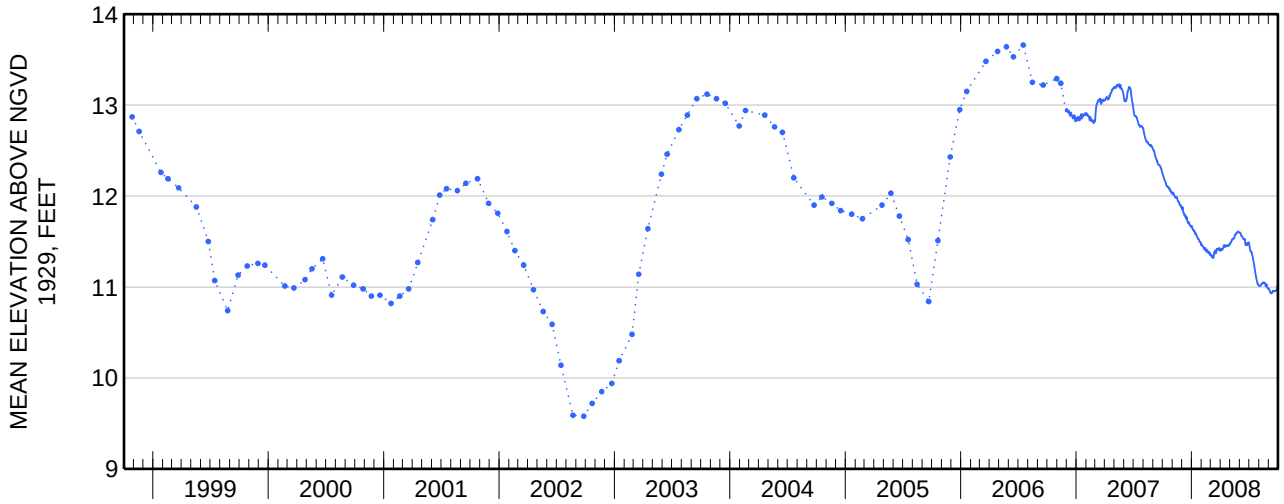
**405743072425701 Local number S 4271. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 12.24 | 12.03 | 11.86 | 11.66 | 11.47 | 11.36 | 11.42 | 11.47 | 11.60 | 11.48 | 11.01 | 10.98 |
| 2 | 12.23 | 12.02 | 11.85 | 11.67 | 11.47 | 11.35 | 11.42 | 11.48 | 11.60 | 11.45 | 11.01 | 10.98 |
| 3 | 12.22 | 12.04 | 11.88 | 11.64 | 11.45 | 11.34 | 11.40 | 11.48 | 11.59 | 11.44 | 11.01 | 10.97 |
| 4 | 12.21 | 12.03 | 11.87 | 11.64 | 11.45 | 11.34 | 11.41 | 11.49 | 11.59 | 11.41 | 11.01 | 10.96 |
| 5 | 12.20 | 12.02 | 11.84 | 11.63 | 11.45 | 11.34 | 11.42 | 11.49 | 11.58 | 11.40 | 11.01 | 10.95 |
| 6 | 12.19 | 12.02 | 11.82 | 11.63 | 11.45 | 11.33 | 11.41 | 11.50 | 11.56 | 11.39 | 11.01 | 10.94 |
| 7 | 12.18 | 12.01 | 11.81 | 11.62 | 11.44 | 11.32 | 11.41 | 11.51 | 11.56 | 11.39 | 11.02 | 10.94 |
| 8 | 12.17 | 12.00 | 11.81 | 11.62 | 11.43 | 11.34 | 11.41 | 11.52 | 11.56 | 11.38 | 11.03 | 10.93 |
| 9 | 12.16 | 11.99 | 11.79 | 11.62 | 11.42 | 11.33 | 11.42 | 11.52 | 11.55 | 11.38 | 11.03 | 10.93 |
| 10 | 12.15 | 11.99 | 11.79 | 11.61 | 11.43 | 11.32 | 11.43 | 11.53 | 11.55 | 11.36 | 11.03 | 10.93 |
| 11 | 12.15 | 11.98 | 11.78 | 11.61 | 11.41 | 11.34 | 11.44 | 11.53 | 11.54 | 11.34 | 11.04 | 10.93 |
| 12 | 12.13 | 11.98 | 11.79 | 11.59 | 11.41 | 11.38 | 11.46 | 11.53 | 11.53 | 11.32 | 11.04 | 10.94 |
| 13 | 12.12 | 11.98 | 11.77 | 11.58 | 11.43 | 11.38 | 11.46 | 11.53 | 11.53 | 11.31 | 11.04 | 10.95 |
| 14 | 12.11 | 11.98 | 11.76 | 11.59 | 11.42 | 11.39 | 11.46 | 11.54 | 11.53 | 11.29 | 11.05 | 10.95 |
| 15 | 12.11 | 11.99 | 11.75 | 11.58 | 11.40 | 11.40 | 11.44 | 11.54 | 11.53 | 11.28 | 11.04 | 10.96 |
| 16 | 12.10 | 11.98 | 11.77 | 11.57 | 11.39 | 11.39 | 11.44 | 11.55 | 11.52 | 11.27 | 11.04 | 10.95 |
| 17 | 12.10 | 11.96 | 11.76 | 11.56 | 11.39 | 11.37 | 11.45 | 11.57 | 11.53 | 11.25 | 11.05 | 10.95 |
| 18 | 12.10 | 11.95 | 11.73 | 11.56 | 11.41 | 11.37 | 11.46 | 11.57 | 11.52 | 11.22 | 11.05 | 10.95 |
| 19 | 12.10 | 11.94 | 11.72 | 11.55 | 11.41 | 11.39 | 11.46 | 11.58 | 11.48 | 11.19 | 11.05 | 10.95 |
| 20 | 12.10 | 11.94 | 11.72 | 11.54 | 11.39 | 11.42 | 11.45 | 11.58 | 11.46 | 11.16 | 11.04 | 10.95 |
| 21 | 12.08 | 11.93 | 11.70 | 11.53 | 11.38 | 11.41 | 11.45 | 11.59 | 11.46 | 11.15 | 11.03 | 10.96 |
| 22 | 12.08 | 11.93 | 11.70 | 11.53 | 11.38 | 11.41 | 11.45 | 11.59 | 11.47 | 11.13 | 11.01 | 10.96 |
| 23 | 12.08 | 11.92 | 11.70 | 11.53 | 11.39 | 11.41 | 11.45 | 11.60 | 11.47 | 11.11 | 11.01 | 10.96 |
| 24 | 12.08 | 11.90 | 11.71 | 11.52 | 11.37 | 11.41 | 11.46 | 11.60 | 11.48 | 11.09 | 11.02 | 10.96 |
| 25 | 12.06 | 11.90 | 11.69 | 11.51 | 11.37 | 11.42 | 11.46 | 11.60 | 11.46 | 11.08 | 11.03 | 10.96 |
| 26 | 12.05 | 11.90 | 11.68 | 11.50 | 11.38 | 11.42 | 11.45 | 11.60 | 11.47 | 11.07 | 11.01 | 10.96 |
| 27 | 12.06 | 11.90 | 11.68 | 11.50 | 11.38 | 11.42 | 11.45 | 11.61 | 11.48 | 11.05 | 11.00 | 10.98 |
| 28 | 12.05 | 11.88 | 11.67 | 11.49 | 11.36 | 11.43 | 11.46 | 11.60 | 11.48 | 11.03 | 10.99 | 11.00 |
| 29 | 12.04 | 11.88 | 11.67 | 11.49 | 11.35 | 11.42 | 11.47 | 11.60 | 11.49 | 11.03 | 10.99 | 11.02 |
| 30 | 12.03 | 11.87 | 11.66 | 11.49 | --- | 11.40 | 11.47 | 11.60 | 11.49 | 11.03 | 10.98 | 11.03 |
| 31 | 12.03 | --- | 11.66 | 11.46 | --- | 11.40 | --- | 11.60 | --- | 11.02 | 10.98 | --- |
| Mean | 12.12 | 11.96 | 11.75 | 11.57 | 11.41 | 11.38 | 11.44 | 11.55 | 11.52 | 11.24 | 11.02 | 10.96 |
| Max | 12.24 | 12.04 | 11.88 | 11.67 | 11.47 | 11.43 | 11.47 | 11.61 | 11.60 | 11.48 | 11.05 | 11.03 |
| Min | 12.03 | 11.87 | 11.66 | 11.46 | 11.35 | 11.32 | 11.40 | 11.47 | 11.46 | 11.02 | 10.98 | 10.93 |
| Med | 12.10 | 11.98 | 11.76 | 11.57 | 11.41 | 11.39 | 11.45 | 11.55 | 11.53 | 11.27 | 11.02 | 10.96 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 12.65 | 11.49 |
| Max | 13.23 | 12.24 |
| Min | 11.66 | 10.93 |
| Med | 12.83 | 11.47 |

**405743072425701 Local number S 4271. 1—Continued**



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

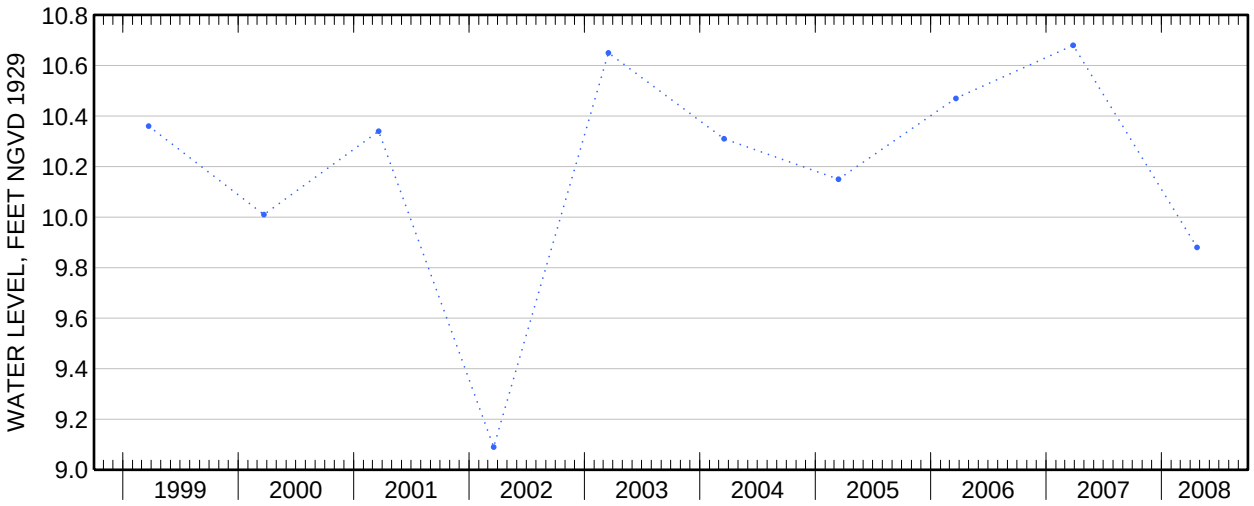
PERIOD OF RECORD.--September 1981 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 9.88 |



Water-Data Report 2008

# 405149072532201 Local number S 5517. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°51′49″, long 72°53′22″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Brookhaven National Laboratory, northwest corner of Princeton Avenue and Upton Road, 77 ft south of parking field.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 91 ft. Upper casing diameter 4 in; top of first opening 85 ft, bottom of last opening 91 ft.

DATUM.--Land-surface datum is 115 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.96 ft above land-surface datum.

PERIOD OF RECORD.--April 1948 to current year.

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

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 47.43 ft above sea level, July 20, 1998; lowest recorded, 33.34 ft above sea level, March 1, 1967.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 43.67 ft above sea level, October 1, 2, and 3; lowest recorded, 40.76 ft above sea level, September 20.

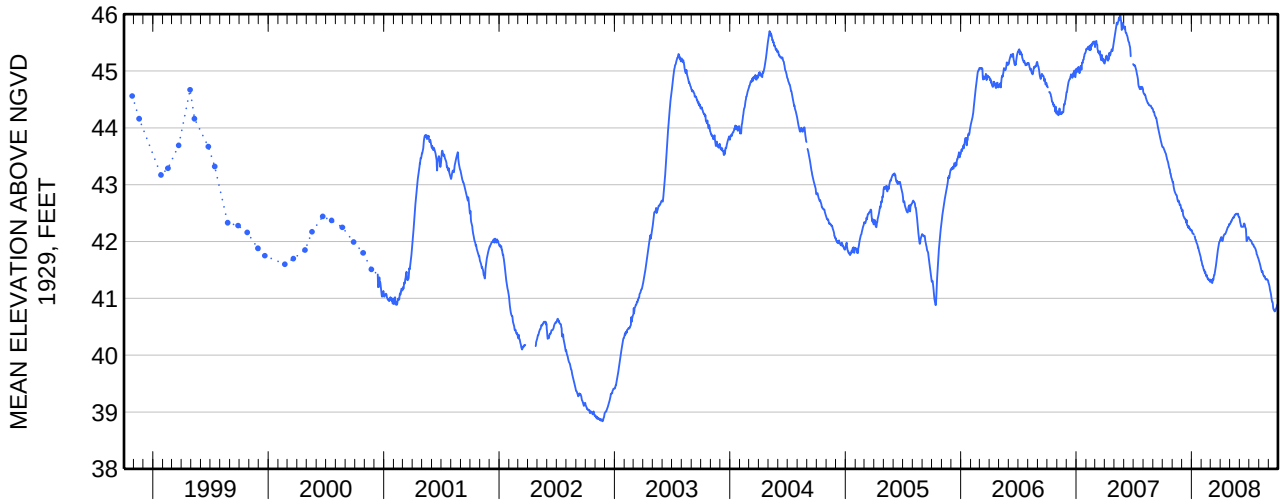
**405149072532201 Local number S 5517. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.66 | 43.07 | 42.54 | 42.20 | 41.67 | 41.33 | 42.05 | 42.31 | 42.40 | 42.05 | 41.67 | 41.27 |
| 2 | 43.66 | 43.04 | 42.53 | 42.19 | 41.64 | 41.31 | 42.04 | 42.32 | 42.36 | 42.04 | 41.65 | 41.25 |
| 3 | 43.66 | 43.05 | 42.56 | 42.15 | 41.61 | 41.31 | 42.04 | 42.33 | 42.33 | 42.03 | 41.63 | 41.23 |
| 4 | 43.65 | 43.02 | 42.51 | 42.14 | 41.58 | 41.32 | 42.08 | 42.35 | 42.31 | 42.03 | 41.61 | 41.20 |
| 5 | 43.63 | 42.96 | 42.48 | 42.14 | 41.58 | 41.30 | 42.06 | 42.35 | 42.28 | 42.03 | 41.59 | 41.16 |
| 6 | 43.62 | 42.94 | 42.45 | 42.14 | 41.56 | 41.27 | 42.03 | 42.37 | 42.26 | 42.02 | 41.57 | 41.14 |
| 7 | 43.60 | 42.91 | 42.44 | 42.13 | 41.53 | 41.29 | 42.01 | 42.37 | 42.26 | 42.01 | 41.54 | 41.10 |
| 8 | 43.59 | 42.88 | 42.43 | 42.12 | 41.51 | 41.34 | 42.01 | 42.39 | 42.26 | 42.00 | 41.52 | 41.08 |
| 9 | 43.57 | 42.87 | 42.41 | --- | 41.49 | 41.32 | 42.03 | 42.40 | 42.26 | 42.00 | 41.49 | 41.05 |
| 10 | 43.56 | 42.86 | 42.41 | 42.09 | 41.50 | 41.33 | 42.07 | 42.41 | 42.26 | 41.97 | 41.47 | 41.00 |
| 11 | 43.55 | 42.84 | 42.40 | 42.09 | 41.47 | 41.38 | 42.09 | 42.42 | 42.26 | 41.96 | 41.46 | 40.96 |
| 12 | 43.53 | 42.83 | 42.40 | 42.05 | 41.45 | 41.41 | 42.11 | 42.43 | 42.26 | 41.95 | 41.48 | 40.94 |
| 13 | 43.50 | 42.82 | 42.38 | 42.03 | 41.47 | 41.41 | 42.12 | 42.42 | 42.27 | 41.95 | 41.45 | 40.94 |
| 14 | 43.48 | 42.81 | 42.36 | 42.03 | 41.43 | 41.44 | 42.13 | 42.42 | 42.31 | 41.95 | 41.43 | 40.91 |
| 15 | 43.45 | 42.81 | 42.33 | 42.01 | 41.42 | 41.48 | 42.13 | 42.44 | 42.32 | 41.93 | 41.41 | 40.84 |
| 16 | 43.43 | 42.77 | 42.38 | 41.98 | 41.39 | 41.51 | 42.13 | 42.46 | 42.31 | 41.91 | 41.40 | 40.81 |
| 17 | 43.41 | 42.74 | 42.31 | 41.97 | 41.39 | 41.53 | 42.14 | 42.47 | 42.30 | 41.91 | 41.39 | 40.81 |
| 18 | 43.39 | 42.72 | 42.28 | 41.96 | 41.41 | 41.57 | 42.16 | 42.47 | 42.28 | 41.90 | 41.38 | 40.79 |
| 19 | 43.38 | 42.70 | 42.28 | 41.94 | 41.37 | 41.64 | 42.17 | 42.48 | 42.25 | 41.89 | 41.39 | 40.78 |
| 20 | 43.35 | 42.72 | 42.28 | 41.92 | 41.36 | 41.70 | 42.18 | 42.48 | 42.24 | 41.88 | 41.37 | 40.77 |
| 21 | 43.31 | 42.71 | 42.25 | 41.89 | 41.34 | 41.73 | 42.20 | 42.49 | 42.22 | 41.87 | 41.35 | 40.78 |
| 22 | 43.29 | 42.71 | 42.24 | 41.89 | 41.35 | 41.77 | 42.21 | 42.49 | 42.12 | 41.85 | 41.34 | 40.78 |
| 23 | 43.28 | 42.67 | 42.27 | 41.87 | 41.33 | 41.81 | 42.23 | 42.48 | 42.01 | 41.84 | 41.33 | 40.80 |
| 24 | 43.26 | 42.64 | 42.26 | 41.85 | 41.32 | 41.85 | 42.25 | 42.48 | 42.01 | 41.81 | 41.34 | 40.82 |
| 25 | 43.22 | 42.64 | 42.23 | 41.82 | 41.32 | 41.88 | 42.26 | 42.48 | 42.03 | 41.78 | 41.34 | 40.83 |
| 26 | 43.19 | 42.65 | 42.23 | 41.80 | 41.33 | 41.92 | 42.26 | 42.49 | 42.07 | 41.77 | 41.34 | 40.85 |
| 27 | 43.19 | 42.63 | 42.22 | 41.79 | 41.33 | 41.95 | 42.27 | 42.49 | 42.07 | 41.76 | 41.33 | 40.86 |
| 28 | 43.15 | 42.59 | 42.20 | 41.76 | 41.30 | 41.99 | 42.29 | 42.45 | 42.07 | 41.74 | 41.33 | 40.89 |
| 29 | 43.12 | 42.59 | 42.21 | 41.74 | 41.29 | 42.00 | 42.31 | 42.44 | 42.08 | 41.72 | 41.32 | 40.90 |
| 30 | 43.11 | 42.56 | 42.19 | 41.72 | --- | 42.00 | 42.30 | 42.43 | 42.07 | 41.71 | 41.31 | 40.90 |
| 31 | 43.09 | --- | 42.20 | 41.67 | --- | 42.02 | --- | 42.43 | --- | 41.69 | 41.28 | --- |
| Mean | 43.42 | 42.79 | 42.34 | 41.97 | 41.44 | 41.58 | 42.15 | 42.43 | 42.22 | 41.90 | 41.44 | 40.95 |
| Max | 43.66 | 43.07 | 42.56 | 42.20 | 41.67 | 42.02 | 42.31 | 42.49 | 42.40 | 42.05 | 41.67 | 41.27 |
| Min | 43.09 | 42.56 | 42.19 | 41.67 | 41.29 | 41.27 | 42.01 | 42.31 | 42.01 | 41.69 | 41.28 | 40.77 |
| Med | 43.43 | 42.79 | 42.33 | 41.98 | 41.42 | 41.51 | 42.13 | 42.43 | 42.26 | 41.91 | 41.40 | 40.90 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 44.51 | 42.06 |
| Max | 45.99 | 43.66 |
| Min | 42.19 | 40.77 |
| Med | 45.01 | 42.06 |

**405149072532201 Local number S 5517. 1—Continued**



Water-Data Report 2008

# 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.

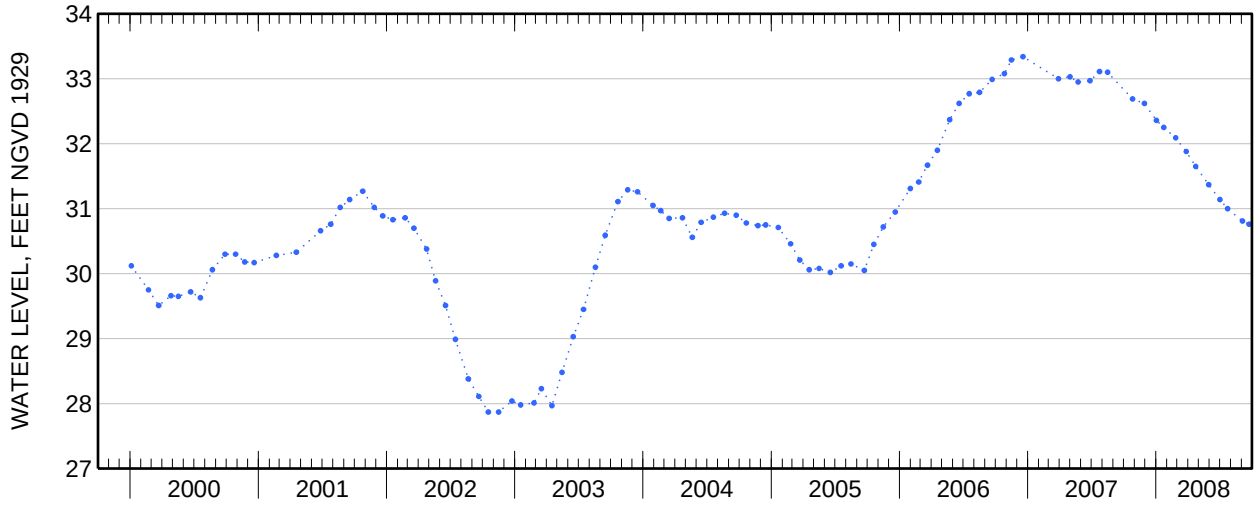
GAGE.--Measurement with chalked tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 32.69 | Apr 23 | 31.65 |
| Nov 29 | 32.62 | May 30 | 31.37 |
| Jan 2 | 32.36 | Jul 1 | 31.14 |
| 23 | 32.25 | 23 | 31.00 |
| Feb 26 | 32.09 | Sep 3 | 30.81 |
| Mar 27 | 31.88 | 22 | 30.76 |



Water-Data Report 2008

# 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.

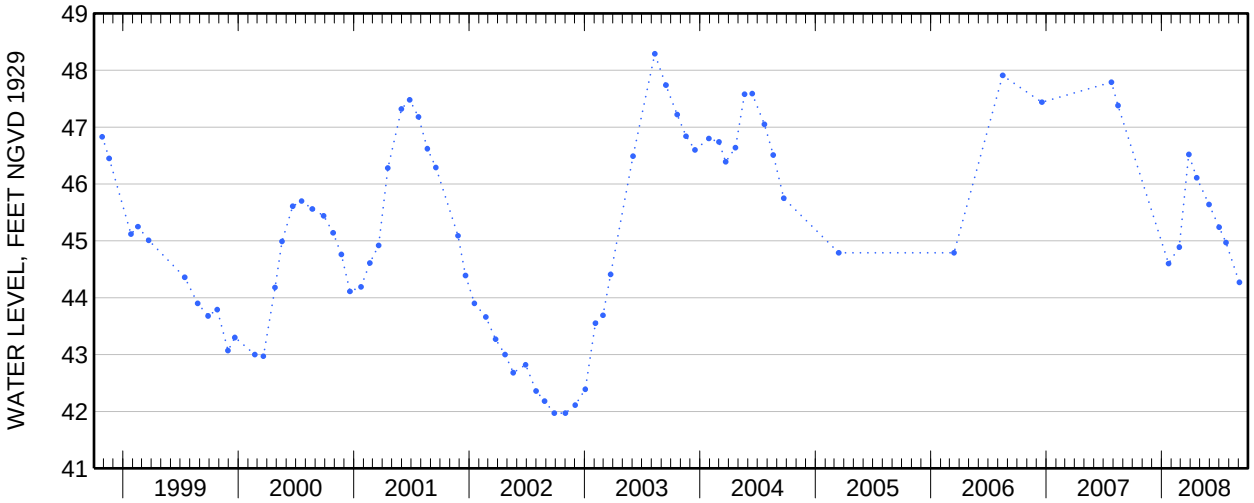
PERIOD OF RECORD.--January 1953 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Jan 23 | 44.60 | May 30 | 45.64 |
| Feb 26 | 44.89 | Jul 1 | 45.24 |
| Mar 27 | 46.52 | 23 | 44.97 |
| Apr 21 | 46.11 | Sep 3 | 44.27 |



Water-Data Report 2008

# 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.

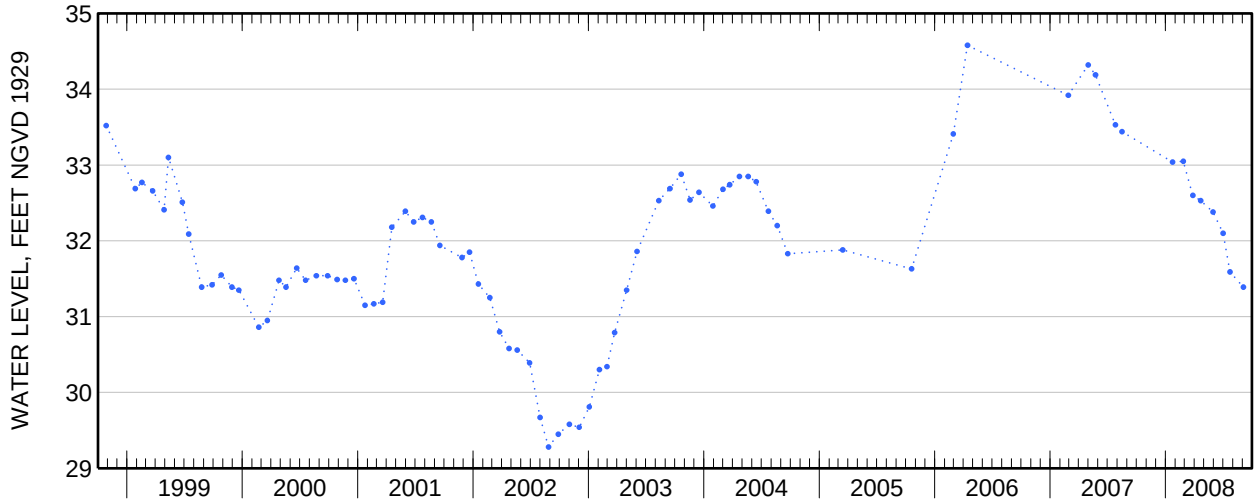
PERIOD OF RECORD.--August 1949 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Jan 23 | 33.04 | May 30 | 32.38 |
| Feb 26 | 33.05 | Jul 1 | 32.10 |
| Mar 27 | 32.60 | 23 | 31.59 |
| Apr 21 | 32.53 | Sep 3 | 31.39 |



Water-Data Report 2008

# 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.

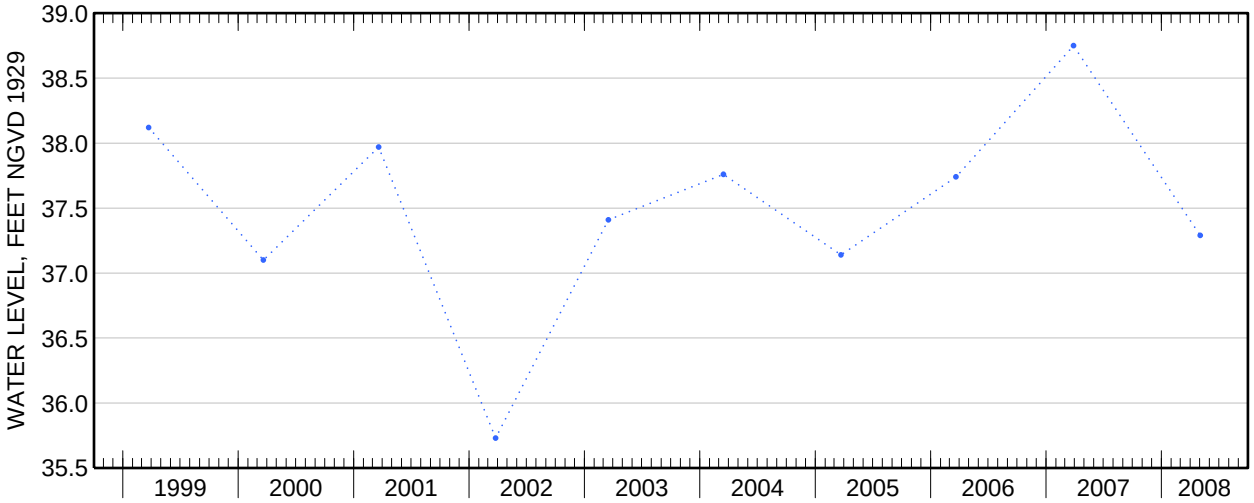
PERIOD OF RECORD.--February 1991 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 2 | 37.29 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

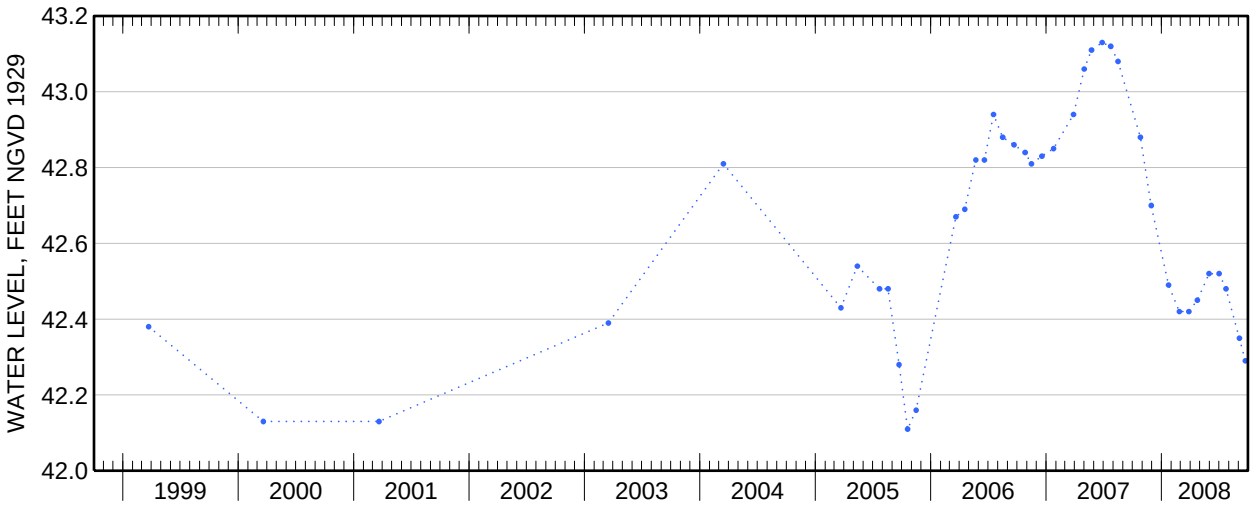
PERIOD OF RECORD.--February 1949 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 42.88 | May 30 | 42.52 |
| Nov 29 | 42.70 | Jul 1 | 42.52 |
| Jan 23 | 42.49 | 23 | 42.48 |
| Feb 26 | 42.42 | Sep 3 | 42.35 |
| Mar 27 | 42.42 | 22 | 42.29 |
| Apr 23 | 42.45 | | |



Water-Data Report 2008

# 405223072523402 Local number S 6455. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°52'22.2", long 72°52'32.8" 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 962 ft. Upper casing diameter 4 in; top of first opening 952 ft, bottom of last opening 962 ft.

DATUM.--Land-surface datum is 83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.66 ft above land-surface datum.

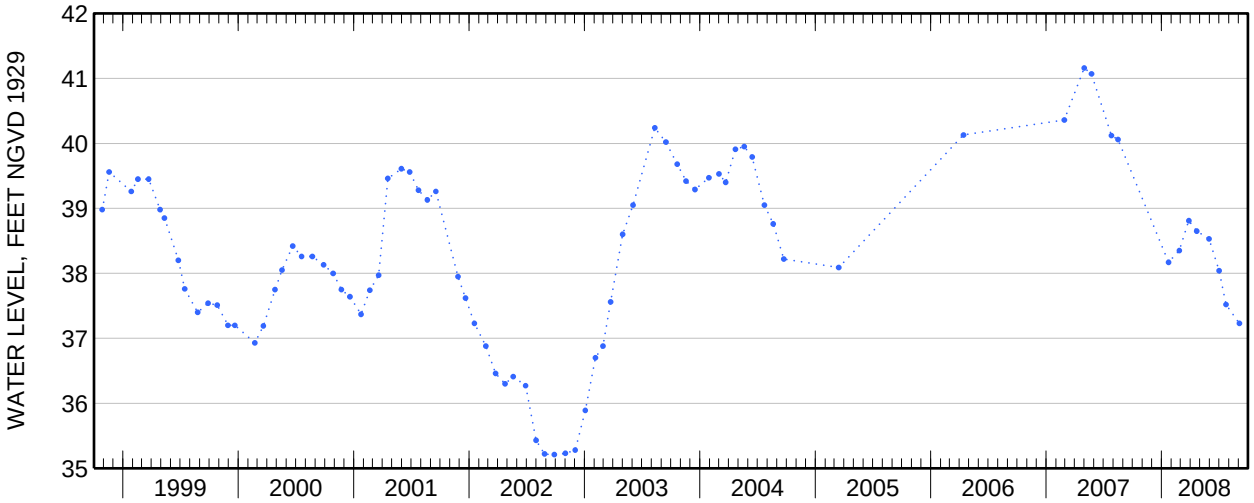
PERIOD OF RECORD.--July 1949 to June 1952, January 1954 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.50 ft above sea level, April 2, 1979; lowest measured, 33.82 ft above sea level, December 27, 1966 and March 1, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Jan 23 | 38.17 | May 30 | 38.53 |
| Feb 26 | 38.35 | Jul 1 | 38.04 |
| Mar 27 | 38.81 | 23 | 37.52 |
| Apr 21 | 38.65 | Sep 3 | 37.23 |



Water-Data Report 2008

# 405830072331502 Local number S 6558. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°58'30.7", long 72°33'13.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Main Road (State Route 25), east side of access road to Laurel Lake, at southwest corner of baseball field, Mattituck.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.62 ft below land-surface datum.

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

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

REMARKS.--Replaced well S6558.1 in July 2000 near same location. Telephone water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.10 ft above sea level, February 17, 2006; lowest recorded, 1.13 ft above sea level, October 6 and 7, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 5.47 ft above sea level, April 12; lowest recorded, 4.19 ft above sea level, September 5.

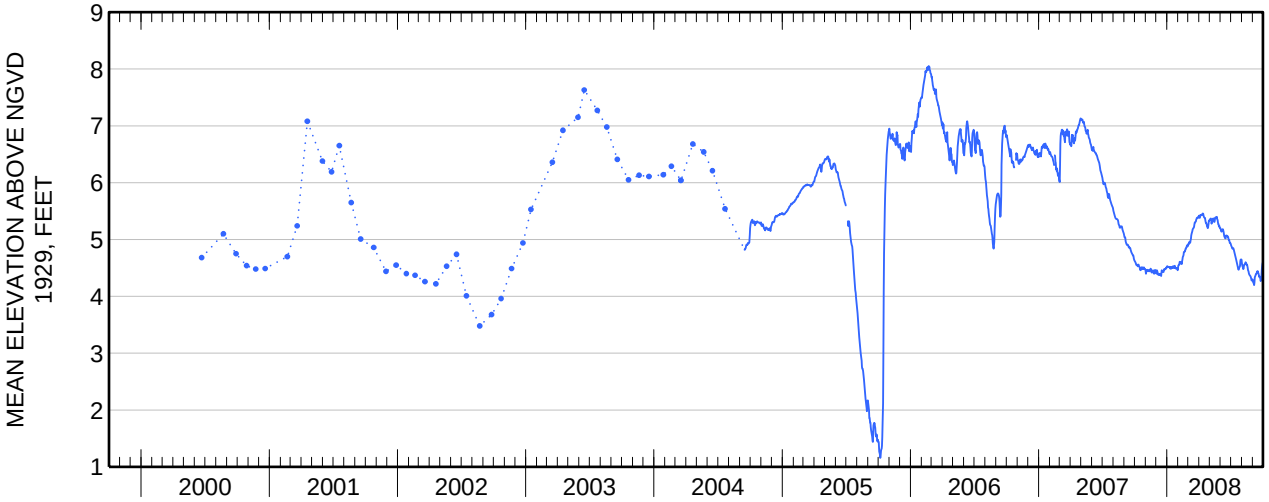
**405830072331502 Local number S 6558. 2—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.62 | 4.44 | 4.41 | 4.53 | 4.49 | 4.92 | 5.42 | 5.34 | 5.20 | 4.91 | 4.60 | 4.29 |
| 2 | 4.61 | 4.40 | 4.40 | 4.53 | 4.54 | 4.91 | 5.39 | 5.35 | 5.18 | 4.89 | 4.56 | 4.26 |
| 3 | 4.60 | 4.45 | 4.46 | 4.51 | 4.55 | 4.92 | 5.38 | 5.36 | 5.15 | 4.88 | 4.53 | 4.24 |
| 4 | 4.58 | 4.46 | 4.45 | 4.52 | 4.55 | 4.94 | 5.42 | 5.37 | 5.14 | 4.86 | 4.51 | 4.23 |
| 5 | 4.56 | 4.44 | 4.42 | 4.52 | 4.58 | 4.96 | 5.43 | 5.37 | 5.15 | 4.84 | 4.48 | 4.20 |
| 6 | 4.55 | 4.47 | 4.39 | 4.52 | 4.61 | 4.94 | 5.42 | 5.34 | 5.16 | 4.85 | 4.49 | 4.24 |
| 7 | 4.55 | 4.46 | 4.38 | 4.52 | 4.60 | 4.95 | 5.43 | 5.28 | 5.18 | 4.85 | 4.53 | 4.33 |
| 8 | 4.56 | 4.45 | 4.38 | 4.51 | 4.58 | 4.99 | 5.43 | 5.32 | 5.18 | 4.85 | 4.56 | 4.35 |
| 9 | 4.53 | 4.45 | 4.38 | 4.52 | 4.59 | 5.01 | 5.44 | 5.33 | 5.16 | 4.82 | 4.56 | 4.37 |
| 10 | 4.53 | 4.46 | 4.39 | 4.49 | 4.60 | 5.07 | 5.44 | 5.36 | 5.14 | 4.80 | 4.57 | 4.39 |
| 11 | 4.56 | 4.44 | 4.38 | 4.51 | 4.57 | 5.10 | 5.44 | 5.37 | 5.09 | 4.77 | 4.58 | 4.40 |
| 12 | 4.56 | 4.45 | 4.40 | 4.50 | 4.57 | 5.13 | 5.46 | 5.37 | 5.07 | 4.75 | 4.60 | 4.40 |
| 13 | 4.53 | 4.46 | 4.38 | 4.49 | 4.62 | 5.15 | 5.45 | 5.37 | 5.04 | 4.72 | 4.58 | 4.42 |
| 14 | 4.52 | 4.46 | 4.38 | 4.51 | 4.65 | 5.18 | 5.42 | 5.31 | 5.03 | 4.71 | 4.57 | 4.44 |
| 15 | 4.51 | 4.49 | 4.36 | 4.52 | 4.69 | 5.19 | 5.40 | 5.31 | 5.02 | 4.68 | 4.55 | 4.43 |
| 16 | 4.47 | 4.48 | 4.42 | 4.51 | 4.71 | 5.20 | 5.39 | 5.33 | 5.02 | 4.64 | 4.56 | 4.44 |
| 17 | 4.47 | 4.44 | 4.46 | 4.50 | 4.73 | 5.21 | 5.38 | 5.38 | 5.07 | 4.62 | 4.53 | 4.41 |
| 18 | 4.46 | 4.42 | 4.43 | 4.53 | 4.78 | 5.23 | 5.38 | 5.39 | 5.06 | 4.58 | 4.50 | 4.40 |
| 19 | 4.48 | 4.42 | 4.44 | 4.53 | 4.78 | 5.27 | 5.34 | 5.38 | 5.07 | 4.56 | 4.46 | 4.35 |
| 20 | 4.51 | 4.43 | 4.44 | 4.52 | 4.79 | 5.30 | 5.31 | 5.39 | 5.06 | 4.53 | 4.44 | 4.34 |
| 21 | 4.48 | 4.43 | 4.43 | 4.50 | 4.79 | 5.30 | 5.29 | 5.39 | 5.06 | 4.50 | 4.41 | 4.35 |
| 22 | 4.48 | 4.46 | 4.43 | 4.52 | 4.82 | 5.31 | 5.29 | 5.40 | 5.05 | 4.48 | 4.39 | 4.33 |
| 23 | 4.51 | 4.43 | 4.46 | 4.54 | 4.84 | 5.32 | 5.26 | 5.36 | 5.05 | 4.47 | 4.38 | 4.31 |
| 24 | 4.49 | 4.41 | 4.48 | 4.52 | 4.84 | 5.35 | 5.23 | 5.34 | 5.01 | 4.50 | 4.37 | 4.27 |
| 25 | 4.49 | 4.40 | 4.47 | 4.50 | 4.86 | 5.36 | 5.23 | 5.30 | 4.99 | 4.51 | 4.36 | 4.30 |
| 26 | 4.48 | 4.43 | 4.48 | 4.49 | 4.88 | 5.38 | 5.20 | 5.27 | 4.99 | 4.52 | 4.35 | 4.36 |
| 27 | 4.51 | 4.46 | 4.49 | 4.50 | 4.90 | 5.38 | 5.21 | 5.27 | 4.97 | 4.54 | 4.33 | 4.47 |
| 28 | 4.50 | 4.44 | 4.48 | 4.50 | 4.88 | 5.39 | 5.27 | 5.23 | 4.94 | 4.62 | 4.31 | 4.53 |
| 29 | 4.48 | 4.46 | 4.50 | 4.50 | 4.88 | 5.38 | 5.33 | 5.24 | 4.94 | 4.65 | 4.28 | 4.57 |
| 30 | 4.48 | 4.43 | 4.50 | 4.50 | --- | 5.39 | 5.33 | 5.21 | 4.93 | 4.64 | 4.28 | 4.60 |
| 31 | 4.48 | --- | 4.52 | 4.46 | --- | 5.40 | --- | 5.20 | --- | 4.65 | 4.30 | --- |
| Mean | 4.52 | 4.44 | 4.43 | 4.51 | 4.70 | 5.18 | 5.36 | 5.33 | 5.07 | 4.68 | 4.47 | 4.37 |
| Max | 4.62 | 4.49 | 4.52 | 4.54 | 4.90 | 5.40 | 5.46 | 5.40 | 5.20 | 4.91 | 4.60 | 4.60 |
| Min | 4.46 | 4.40 | 4.36 | 4.46 | 4.49 | 4.91 | 5.20 | 5.20 | 4.93 | 4.47 | 4.28 | 4.20 |
| Med | 4.51 | 4.45 | 4.43 | 4.51 | 4.69 | 5.20 | 5.38 | 5.34 | 5.06 | 4.65 | 4.50 | 4.36 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 5.77 | 4.76 |
| Max | 7.13 | 5.46 |
| Min | 4.36 | 4.20 |
| Med | 6.00 | 4.56 |

**405830072331502 Local number S 6558. 2—Continued**



Water-Data Report 2008

# 405756072173502 Local number S 8833. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°57′56″, long 72°17′35″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Toppings Path, east side of Crooked Pond, Bridgehampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 20 ft. Upper casing diameter 2 in; top of first opening 10 ft, bottom of last opening 15 ft.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.12 ft below land-surface datum.

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

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

REMARKS.--Replaced well S8833.1 in May 2003 near same location. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.31 ft above sea level, April 29, 30, and May 2, 2007; lowest recorded, 14.65 ft above sea level, September 26, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 17.06 ft above sea level, October 1; lowest recorded, 14.65 ft above sea level, September 26.

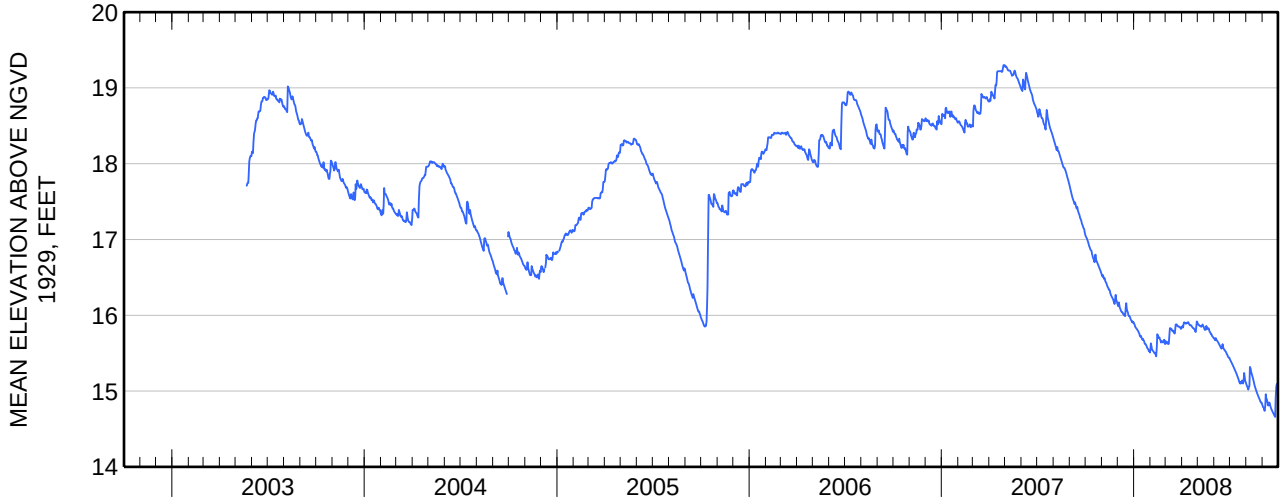
**405756072173502 Local number S 8833. 2—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 17.05 | 16.53 | 16.14 | 15.89 | 15.55 | 15.66 | 15.85 | 15.89 | 15.70 | 15.42 | 15.09 | 14.81 |
| 2 | 17.03 | 16.51 | 16.12 | 15.88 | 15.63 | 15.64 | 15.86 | 15.88 | 15.68 | 15.40 | 15.08 | 14.79 |
| 3 | 17.02 | 16.53 | 16.17 | 15.85 | 15.59 | 15.63 | 15.84 | 15.87 | 15.67 | 15.39 | 15.06 | 14.78 |
| 4 | 17.00 | 16.50 | 16.13 | 15.84 | 15.55 | 15.63 | 15.89 | 15.87 | 15.70 | 15.37 | 15.04 | 14.76 |
| 5 | 16.98 | 16.48 | 16.10 | 15.83 | 15.54 | 15.65 | 15.91 | 15.86 | 15.68 | 15.36 | 15.02 | 14.74 |
| 6 | 16.95 | 16.49 | 16.08 | 15.82 | 15.53 | 15.62 | 15.90 | 15.86 | 15.67 | 15.35 | 15.06 | 14.81 |
| 7 | 16.94 | 16.46 | 16.06 | 15.81 | 15.52 | 15.63 | 15.90 | 15.85 | 15.66 | 15.33 | 15.07 | 14.96 |
| 8 | 16.91 | 16.44 | 16.05 | 15.80 | 15.51 | 15.75 | 15.89 | 15.85 | 15.65 | 15.32 | 15.32 | 14.91 |
| 9 | 16.89 | 16.43 | 16.04 | 15.79 | 15.50 | 15.83 | 15.89 | 15.86 | 15.64 | 15.31 | 15.30 | 14.89 |
| 10 | 16.87 | 16.41 | 16.04 | 15.77 | 15.50 | 15.83 | 15.90 | 15.88 | 15.63 | 15.29 | 15.26 | 14.86 |
| 11 | 16.86 | 16.39 | 16.02 | 15.76 | 15.48 | 15.82 | 15.90 | 15.86 | 15.61 | 15.27 | 15.24 | 14.82 |
| 12 | 16.85 | 16.37 | 16.01 | 15.73 | 15.46 | 15.82 | 15.91 | 15.85 | 15.60 | 15.25 | 15.22 | 14.81 |
| 13 | 16.81 | 16.36 | 16.00 | 15.72 | 15.58 | 15.80 | 15.91 | 15.83 | 15.58 | 15.24 | 15.18 | 14.85 |
| 14 | 16.79 | 16.34 | 16.01 | 15.73 | 15.75 | 15.79 | 15.89 | 15.81 | 15.57 | 15.22 | 15.16 | 14.85 |
| 15 | 16.76 | 16.34 | 15.99 | 15.71 | 15.74 | 15.80 | 15.88 | 15.81 | 15.56 | 15.21 | 15.13 | 14.83 |
| 16 | 16.74 | 16.32 | 16.11 | 15.69 | 15.71 | 15.78 | 15.87 | 15.81 | 15.57 | 15.18 | 15.10 | 14.79 |
| 17 | 16.72 | 16.29 | 16.16 | 15.68 | 15.70 | 15.77 | 15.87 | 15.86 | 15.62 | 15.15 | 15.07 | 14.78 |
| 18 | 16.70 | 16.27 | 16.09 | 15.69 | 15.71 | 15.76 | 15.87 | 15.85 | 15.58 | 15.14 | 15.05 | 14.76 |
| 19 | 16.80 | 16.25 | 16.06 | 15.67 | 15.69 | 15.81 | 15.86 | 15.82 | 15.56 | 15.12 | 15.03 | 14.74 |
| 20 | 16.80 | 16.24 | 16.04 | 15.66 | 15.67 | 15.88 | 15.85 | 15.82 | 15.55 | 15.10 | 15.01 | 14.73 |
| 21 | 16.73 | 16.23 | 16.01 | 15.63 | 15.64 | 15.88 | 15.84 | 15.83 | 15.54 | 15.12 | 14.99 | 14.71 |
| 22 | 16.71 | 16.21 | 15.99 | 15.62 | 15.65 | 15.88 | 15.83 | 15.82 | 15.53 | 15.10 | 14.96 | 14.70 |
| 23 | 16.70 | 16.19 | 15.99 | 15.62 | 15.66 | 15.86 | 15.83 | 15.79 | 15.52 | 15.12 | 14.94 | 14.69 |
| 24 | 16.68 | 16.17 | 15.98 | 15.60 | 15.65 | 15.86 | 15.82 | 15.78 | 15.51 | 15.14 | 14.93 | 14.67 |
| 25 | 16.66 | 16.15 | 15.96 | 15.59 | 15.64 | 15.85 | 15.81 | 15.77 | 15.49 | 15.13 | 14.92 | 14.66 |
| 26 | 16.64 | 16.22 | 15.94 | 15.57 | 15.65 | 15.85 | 15.79 | 15.75 | 15.48 | 15.10 | 14.90 | 14.91 |
| 27 | 16.63 | 16.27 | 15.93 | 15.56 | 15.68 | 15.85 | 15.78 | 15.75 | 15.46 | 15.15 | 14.88 | 15.06 |
| 28 | 16.61 | 16.21 | 15.91 | 15.55 | 15.65 | 15.85 | 15.83 | 15.73 | 15.45 | 15.24 | 14.86 | 15.09 |
| 29 | 16.59 | 16.19 | 15.92 | 15.53 | 15.62 | 15.83 | 15.92 | 15.72 | 15.44 | 15.19 | 14.85 | 15.10 |
| 30 | 16.57 | 16.16 | 15.90 | 15.53 | --- | 15.82 | 15.91 | 15.71 | 15.44 | 15.14 | 14.85 | 15.10 |
| 31 | 16.55 | --- | 15.91 | 15.51 | --- | 15.83 | --- | 15.70 | --- | 15.11 | 14.83 | --- |
| Mean | 16.79 | 16.33 | 16.03 | 15.70 | 15.61 | 15.78 | 15.87 | 15.82 | 15.58 | 15.22 | 15.05 | 14.83 |
| Max | 17.05 | 16.53 | 16.17 | 15.89 | 15.75 | 15.88 | 15.92 | 15.89 | 15.70 | 15.42 | 15.32 | 15.10 |
| Min | 16.55 | 16.15 | 15.90 | 15.51 | 15.46 | 15.62 | 15.78 | 15.70 | 15.44 | 15.10 | 14.83 | 14.66 |
| Med | 16.79 | 16.33 | 16.02 | 15.69 | 15.64 | 15.82 | 15.87 | 15.83 | 15.57 | 15.21 | 15.05 | 14.81 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 18.02 | 15.72 |
| Max | 19.30 | 17.05 |
| Min | 15.90 | 14.66 |
| Med | 18.52 | 15.75 |

**405756072173502 Local number S 8833. 2—Continued**



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

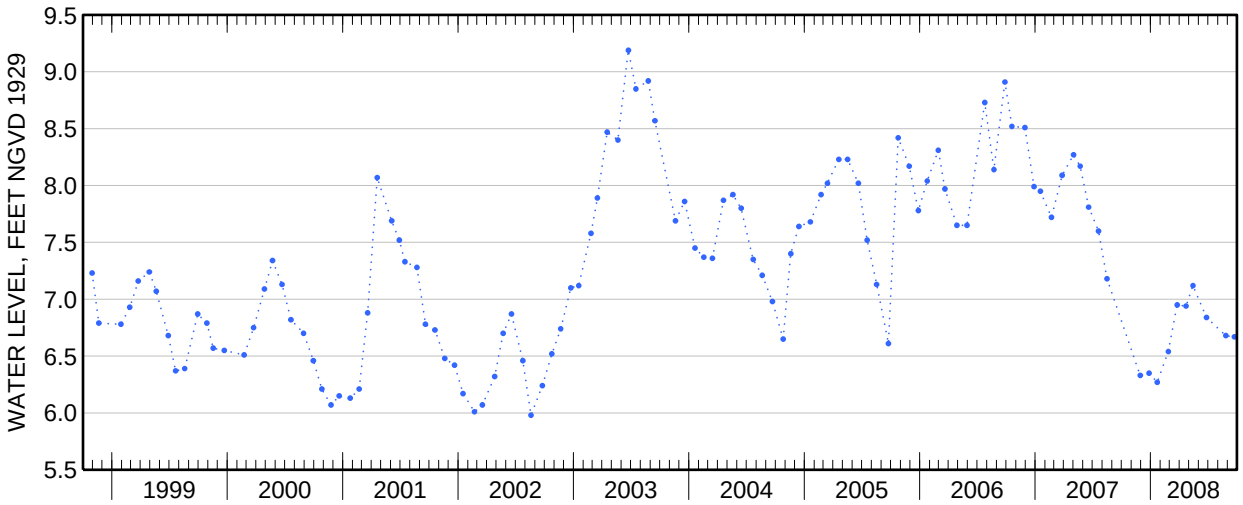
PERIOD OF RECORD.--July 1950 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 6.33 | Apr 22 | 6.94 |
| Dec 27 | 6.35 | May 14 | 7.12 |
| Jan 22 | 6.27 | Jun 26 | 6.84 |
| Feb 26 | 6.54 | Aug 26 | 6.68 |
| Mar 25 | 6.95 | Sep 22 | 6.67 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

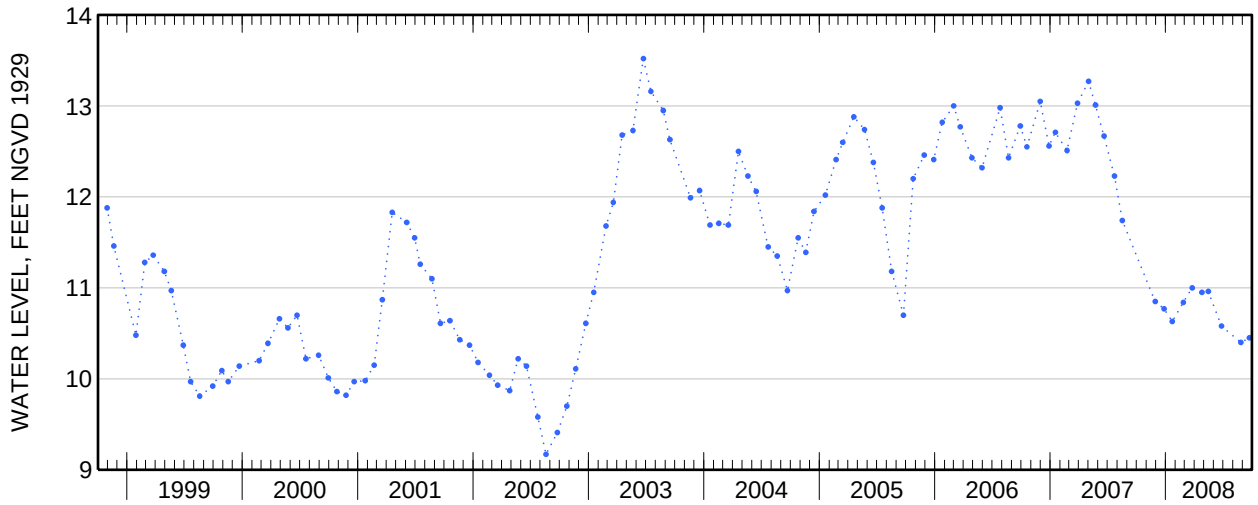
PERIOD OF RECORD.--July 1950 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 10.85 | Apr 25 | 10.95 |
| Dec 27 | 10.77 | May 15 | 10.96 |
| Jan 22 | 10.63 | Jun 26 | 10.58 |
| Feb 26 | 10.84 | Aug 26 | 10.40 |
| Mar 25 | 11.00 | Sep 22 | 10.45 |



Water-Data Report 2008

# 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.

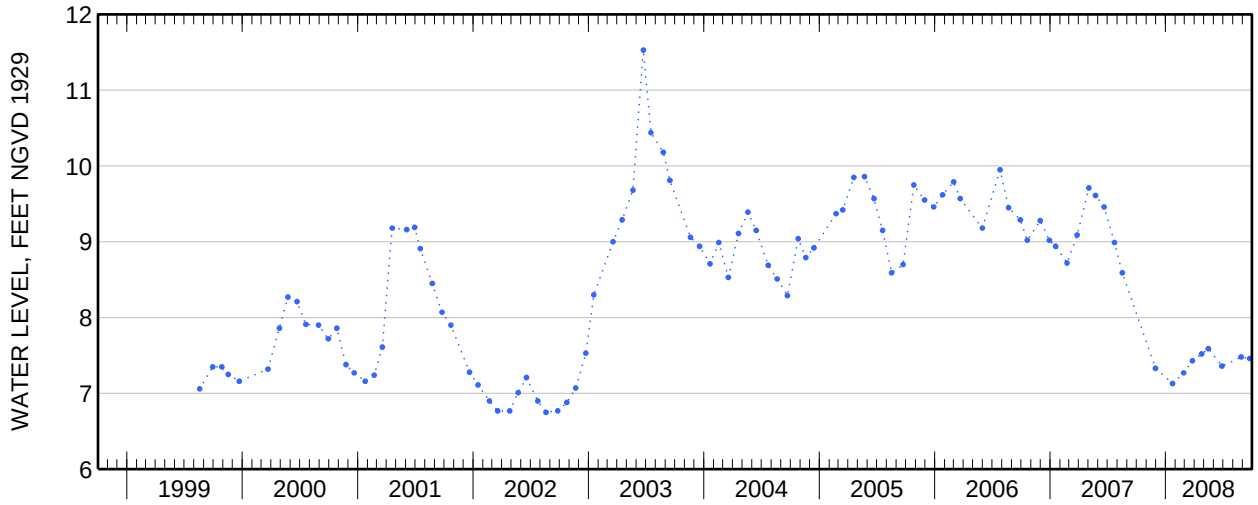
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 7.33 | May 15 | 7.59 |
| Jan 23 | 7.13 | Jun 27 | 7.36 |
| Feb 27 | 7.27 | Aug 27 | 7.48 |
| Mar 26 | 7.43 | Sep 23 | 7.46 |
| Apr 24 | 7.52 | | |



Water-Data Report 2008

# 405906072110102 Local number S 8843. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°59′06″, long 72°11′01″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Three Mile Harbor Road, 300 ft south of Boat Steerers Court, Freetown.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 35 ft. Upper casing diameter 2 in; top of first opening 25 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 32.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.29 ft below land-surface datum.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.87 ft above sea level, July 7, 8, and 11, 2003; lowest recorded, 8.10 ft above sea level, October 16, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 10.07 ft above sea level, October 15; lowest recorded, 8.70 ft above sea level, September 4, 5, and 6.

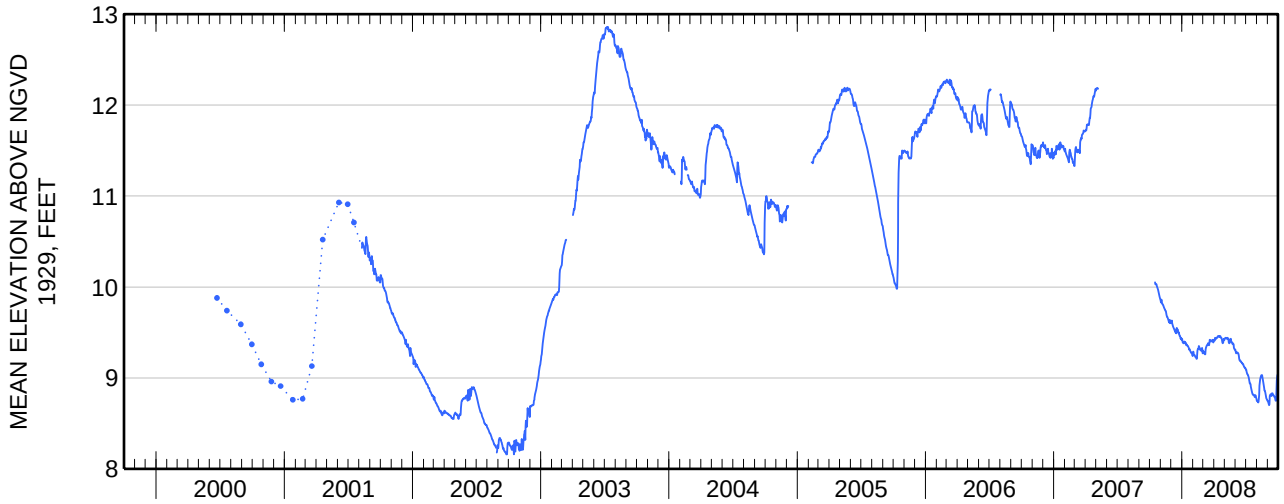
**405906072110102 Local number S 8843. 2—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | 9.85 | 9.61 | 9.43 | 9.26 | 9.30 | 9.42 | 9.42 | 9.31 | 9.09 | 8.75 | 8.75 |
| 2 | --- | 9.83 | 9.61 | 9.41 | 9.29 | 9.28 | 9.42 | 9.43 | 9.29 | 9.09 | 8.75 | 8.74 |
| 3 | --- | 9.86 | 9.63 | 9.39 | 9.27 | 9.27 | 9.41 | 9.44 | 9.27 | 9.07 | 8.74 | 8.73 |
| 4 | --- | 9.84 | 9.60 | 9.39 | 9.25 | 9.28 | 9.44 | 9.44 | 9.28 | 9.05 | 8.74 | 8.71 |
| 5 | --- | 9.82 | 9.58 | 9.38 | 9.25 | 9.28 | 9.44 | 9.44 | 9.28 | 9.04 | 8.73 | 8.70 |
| 6 | --- | 9.81 | 9.57 | 9.38 | 9.25 | 9.26 | 9.43 | 9.44 | 9.28 | 9.04 | 8.74 | 8.71 |
| 7 | --- | 9.81 | 9.56 | 9.38 | 9.24 | 9.26 | 9.43 | 9.43 | 9.28 | 9.03 | 8.76 | 8.80 |
| 8 | --- | 9.80 | 9.55 | 9.40 | 9.23 | 9.31 | 9.44 | 9.43 | 9.27 | 9.02 | 8.91 | 8.81 |
| 9 | --- | 9.79 | 9.54 | 9.39 | 9.23 | 9.33 | 9.44 | 9.44 | 9.27 | 9.00 | 8.93 | 8.82 |
| 10 | --- | 9.78 | 9.53 | 9.38 | 9.23 | 9.34 | 9.44 | 9.44 | 9.26 | 8.98 | 8.95 | 8.82 |
| 11 | --- | 9.77 | 9.52 | 9.39 | 9.21 | 9.35 | 9.45 | 9.43 | 9.24 | 8.96 | 9.00 | 8.81 |
| 12 | --- | 9.76 | 9.52 | 9.37 | 9.21 | 9.36 | 9.46 | 9.43 | 9.21 | 8.94 | 9.01 | 8.80 |
| 13 | --- | 9.75 | 9.50 | 9.36 | 9.25 | 9.36 | 9.46 | 9.39 | 9.19 | 8.94 | 9.02 | 8.83 |
| 14 | --- | 9.74 | 9.50 | 9.37 | 9.30 | 9.37 | 9.46 | 9.38 | 9.19 | 8.93 | 9.03 | 8.83 |
| 15 | --- | 9.74 | 9.49 | 9.36 | 9.32 | 9.38 | 9.46 | 9.38 | 9.19 | 8.90 | 9.03 | 8.83 |
| 16 | 10.05 | 9.73 | 9.54 | 9.35 | 9.32 | 9.37 | 9.45 | 9.39 | 9.18 | 8.88 | 9.03 | 8.81 |
| 17 | 10.03 | 9.71 | 9.55 | 9.35 | 9.33 | 9.36 | 9.46 | 9.42 | 9.18 | 8.87 | 9.01 | 8.81 |
| 18 | 10.03 | 9.69 | 9.53 | 9.35 | 9.35 | 9.36 | 9.46 | 9.43 | 9.17 | 8.85 | 8.98 | 8.81 |
| 19 | 10.03 | 9.67 | 9.53 | 9.34 | 9.34 | 9.39 | 9.46 | 9.43 | 9.17 | 8.83 | 8.96 | 8.80 |
| 20 | 10.03 | 9.67 | 9.53 | 9.33 | 9.33 | 9.42 | 9.45 | 9.40 | 9.16 | 8.82 | 8.94 | 8.79 |
| 21 | 10.01 | 9.66 | 9.50 | 9.31 | 9.31 | 9.41 | 9.44 | 9.40 | 9.16 | 8.82 | 8.91 | 8.79 |
| 22 | 10.00 | 9.65 | 9.49 | 9.32 | 9.31 | 9.41 | 9.44 | 9.39 | 9.15 | 8.81 | 8.89 | 8.78 |
| 23 | 9.99 | 9.64 | 9.50 | 9.31 | 9.31 | 9.40 | 9.43 | 9.38 | 9.15 | 8.81 | 8.86 | 8.76 |
| 24 | 9.98 | 9.62 | 9.48 | 9.30 | 9.30 | 9.40 | 9.41 | 9.37 | 9.14 | 8.81 | 8.86 | 8.75 |
| 25 | 9.96 | 9.61 | 9.46 | 9.29 | 9.30 | 9.41 | 9.39 | 9.38 | 9.13 | 8.80 | 8.84 | 8.75 |
| 26 | 9.94 | 9.63 | 9.46 | 9.28 | 9.31 | 9.41 | 9.38 | 9.37 | 9.12 | 8.79 | 8.82 | 8.86 |
| 27 | 9.93 | 9.64 | 9.45 | 9.28 | 9.33 | 9.41 | 9.39 | 9.37 | 9.12 | 8.79 | 8.80 | 8.97 |
| 28 | 9.91 | 9.60 | 9.43 | 9.27 | 9.30 | 9.42 | 9.41 | 9.33 | 9.11 | 8.81 | 8.78 | 9.01 |
| 29 | 9.89 | 9.61 | 9.44 | 9.27 | 9.27 | 9.40 | 9.43 | 9.32 | 9.11 | 8.80 | 8.77 | 9.03 |
| 30 | 9.88 | 9.61 | 9.42 | 9.26 | --- | 9.39 | 9.42 | 9.31 | 9.10 | 8.78 | 8.76 | 9.04 |
| 31 | 9.86 | --- | 9.43 | 9.24 | --- | 9.40 | --- | 9.31 | --- | 8.77 | 8.75 | --- |
| Mean | 9.97 | 9.72 | 9.52 | 9.34 | 9.28 | 9.36 | 9.43 | 9.40 | 9.20 | 8.91 | 8.87 | 8.82 |
| Max | 10.05 | 9.86 | 9.63 | 9.43 | 9.35 | 9.42 | 9.46 | 9.44 | 9.31 | 9.09 | 9.03 | 9.04 |
| Min | 9.86 | 9.60 | 9.42 | 9.24 | 9.21 | 9.26 | 9.38 | 9.31 | 9.10 | 8.77 | 8.73 | 8.70 |
| Med | 9.98 | 9.73 | 9.52 | 9.35 | 9.30 | 9.37 | 9.44 | 9.40 | 9.18 | 8.88 | 8.86 | 8.81 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 10.91 | 9.29 |
| Max | 12.19 | 10.05 |
| Min | 9.42 | 8.70 |
| Med | 11.47 | 9.34 |

**405906072110102 Local number S 8843. 2—Continued**



**405906072110102 Local number S 8843. 2—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 12... | 1000 | 23.35 | 3.5 | 5.0 | 286 | 12.9 | .2 | 20.06 | 115 | 8.37 | 4.91 | .77 | 13.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) | 1,4-Di-chloro-benzene water, fltrd, µg/L (34572) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 12... | .04 | 20.1 | <.12 | 8.78 | 13.9 | <.020 | 6.88d | <.002 | E.005n | 6.76d | <8 | 125 | <.1mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methyl-aniline wat flt µg/L (61620) | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2-methyl-phenol, wat flt µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 12... | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc |

**405906072110102 Local number S 8843. 2—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 12... | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 | <.016mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 12... | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.007mc | <.01 | <.04mc | <.022 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 12... | <.002 | <.02mc | <.006 | <.021c | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 | <.010mc |

**405906072110102 Local number S 8843. 2—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **12...** | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **12...** | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 | <.006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) | 3-beta-Coprostanol, water, fltrd, µg/L (62057) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **12...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 | <2mc |

**405906072110102 Local number S 8843. 2—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) | AHTN, water, fltrd, µg/L (62065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 12... | <.08 | <.6mc | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 | <.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) | Isoborneol, water, fltrd, µg/L (62077) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 12... | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <2mc | <.400mc | <.04mc | <.1 | <.5 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Isophorone water, fltrd, µg/L (34409) | Isopropylbenzene water, fltrd, µg/L (62078) | Isoquinoline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicylate, water, fltrd, µg/L (62081) | Naphthalene, water, fltrd, µg/L (34443) | Phenanthrene, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetrachloroethene, water, fltrd, µg/L (34476) | Tribromomethane water, fltrd, µg/L (34288) | Tributyl phosphate, water, fltrd, µg/L (62089) | Triclosan, water, fltrd, µg/L (62090) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 12... | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 | <.2 |

**405906072110102 Local number S 8843. 2—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 13

[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; d, diluted sample: method hi range exceeded; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|
| **Jun** | | | | | |
| **12...** | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

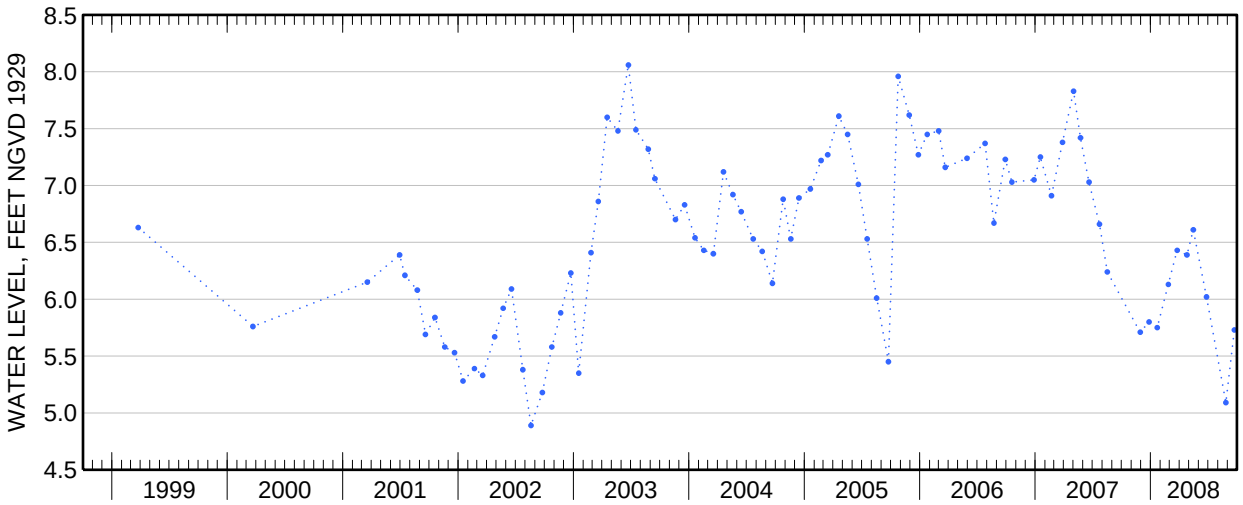
PERIOD OF RECORD.--August 1950 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 5.71 | Apr 25 | 6.39 |
| Dec 27 | 5.80 | May 15 | 6.61 |
| Jan 22 | 5.75 | Jun 26 | 6.02 |
| Feb 26 | 6.13 | Aug 26 | 5.09 |
| Mar 25 | 6.43 | Sep 22 | 5.73 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

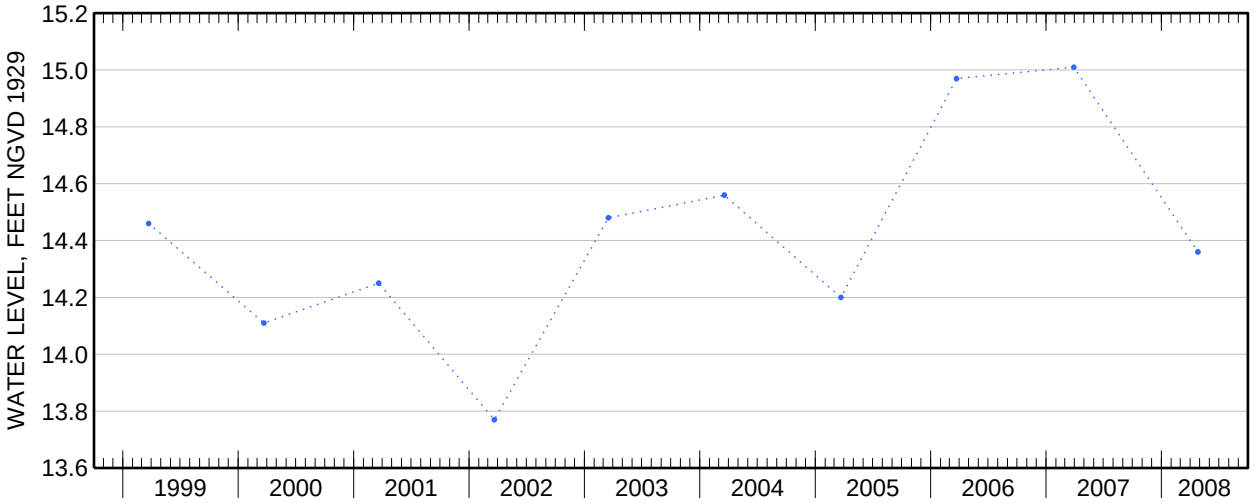
PERIOD OF RECORD.--July 1982 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 14.36 |



Water-Data Report 2008

# 404831072530501 Local number S 9130. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°48'29.3", long 72°53'02.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.08 ft above land-surface datum.

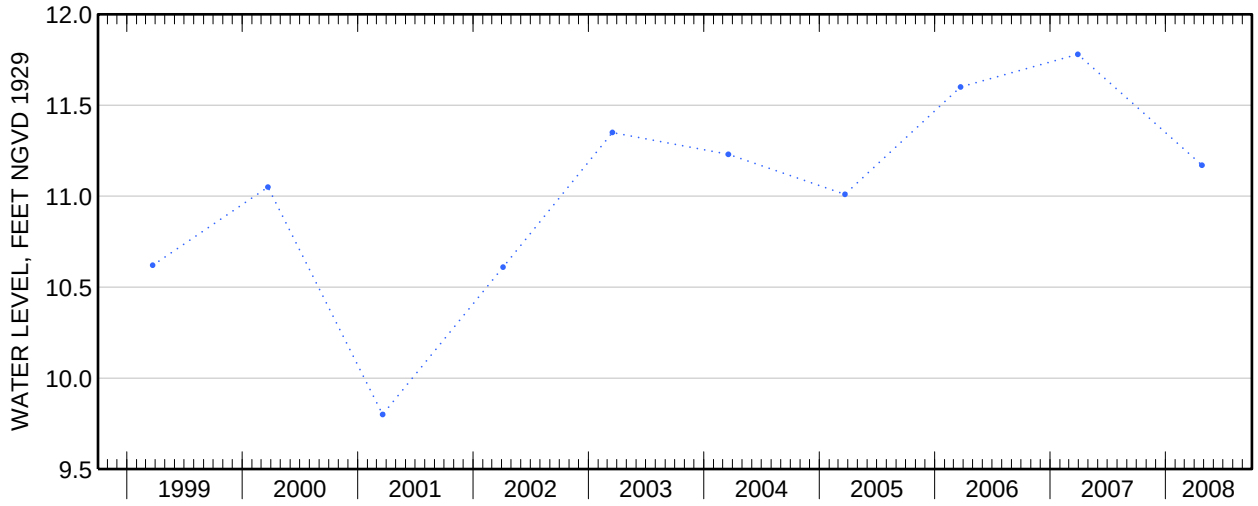
PERIOD OF RECORD.--June 1952 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.08 ft above sea level, April 11, 1989; lowest measured, 9.50 ft above sea level, March 19, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 11.17 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

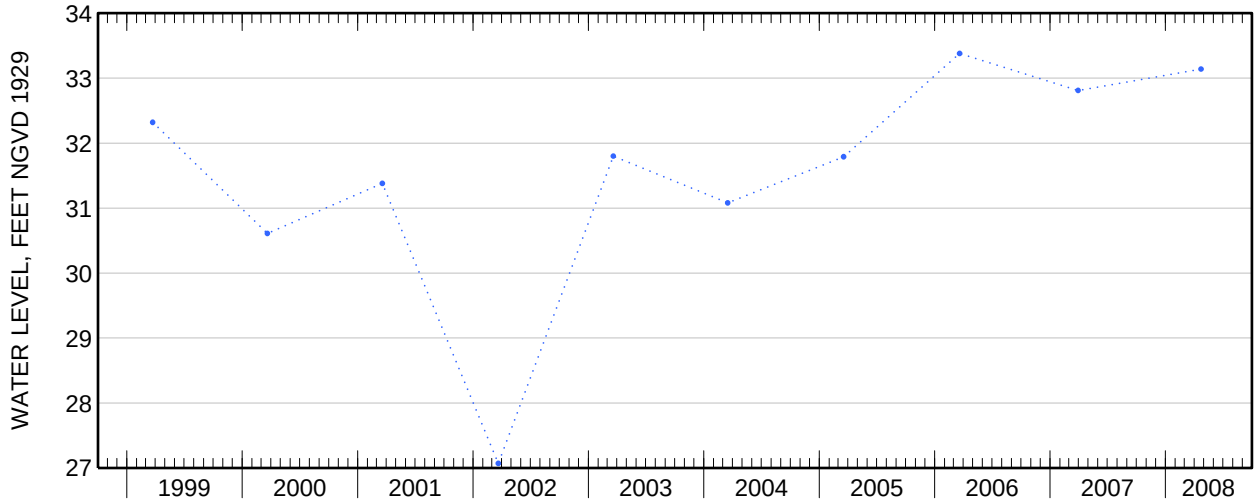
PERIOD OF RECORD.--January 1958 to current year.

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, 21.53 ft above sea level, October 30, 1976.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 33.14 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

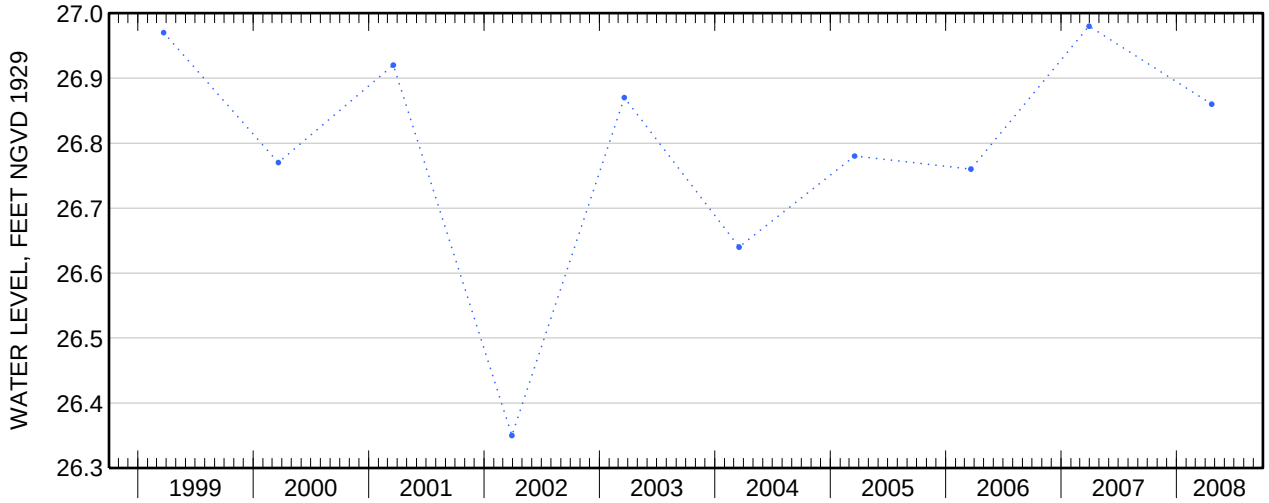
PERIOD OF RECORD.--March 1958 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 26.86 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

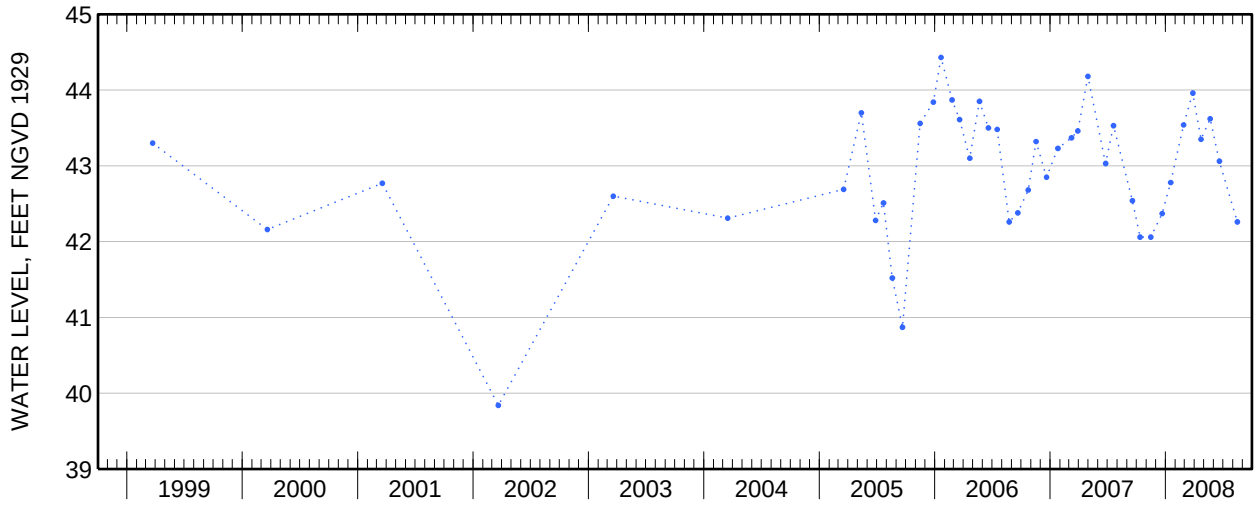
PERIOD OF RECORD.--January 1958 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 42.06 | Mar 27 | 43.96 |
| Nov 15 | 42.06 | Apr 22 | 43.35 |
| Dec 21 | 42.37 | May 21 | 43.62 |
| Jan 17 | 42.78 | Jun 19 | 43.06 |
| Feb 27 | 43.54 | Aug 15 | 42.26 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

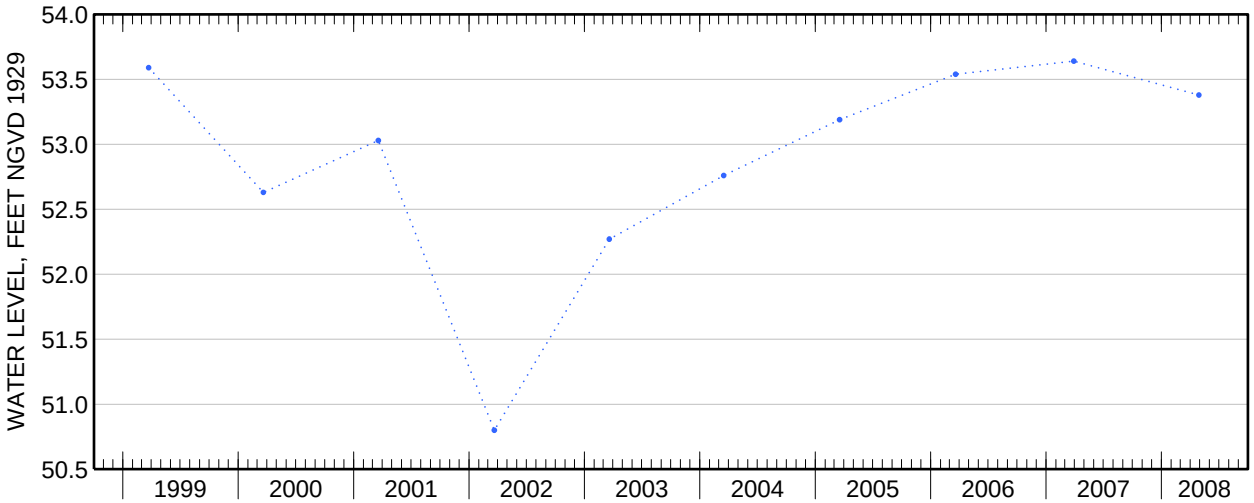
PERIOD OF RECORD.--January 1958 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 28 | 53.38 |



Water-Data Report 2008

# 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.

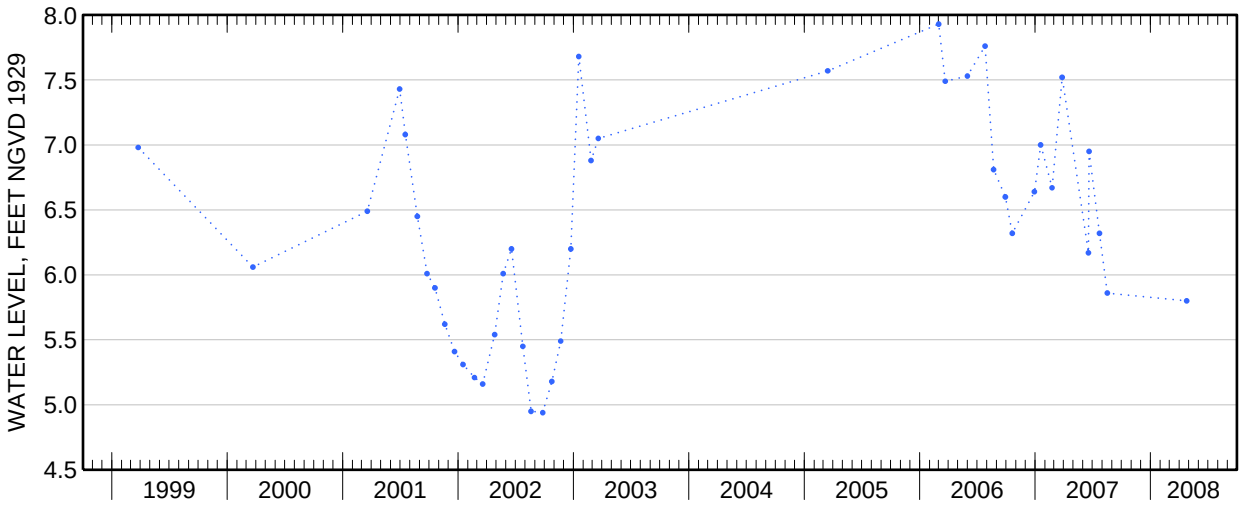
PERIOD OF RECORD.--April 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 5.80 |



Water-Data Report 2008

# 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.

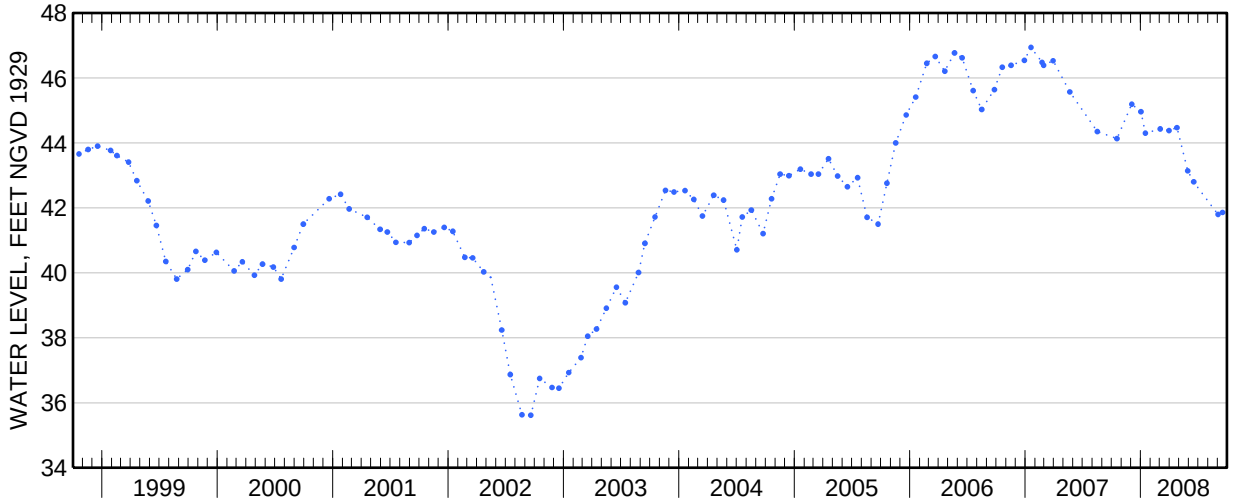
PERIOD OF RECORD.--January 1958 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 44.13 | Apr 25 | 44.47 |
| Dec 4 | 45.19 | May 29 | 43.14 |
| Jan 2 | 44.96 | Jun 17 | 42.80 |
| 16 | 44.30 | Sep 2 | 41.80 |
| Mar 3 | 44.43 | 16 | 41.86 |
| 31 | 44.38 | | |



Water-Data Report 2008

# 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.

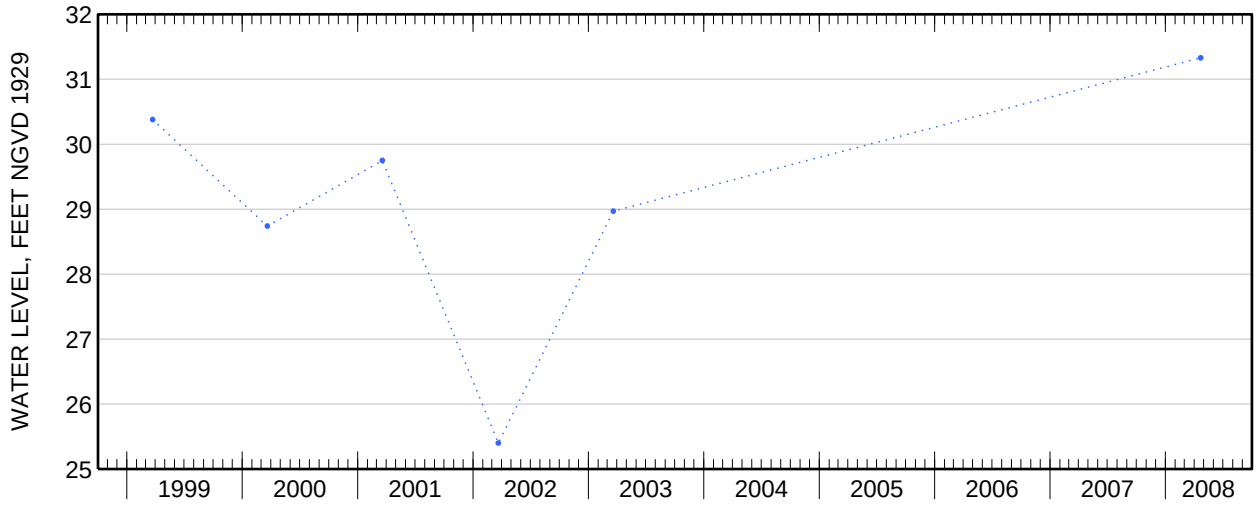
PERIOD OF RECORD.--January 1958 to January 1986, March 1990 to March 2003, and April 2008.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 31.33 |



Water-Data Report 2008

# 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.

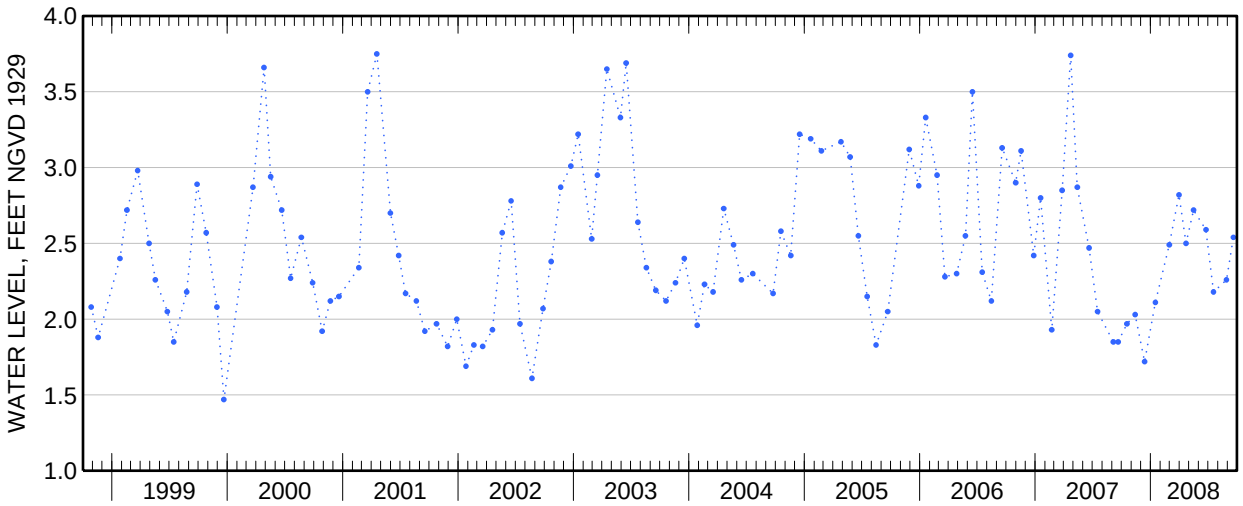
PERIOD OF RECORD.--July 1982 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.97 | Apr 22 | 2.50 |
| Nov 13 | 2.03 | May 16 | 2.72 |
| Dec 13 | 1.72 | Jun 24 | 2.59 |
| Jan 16 | 2.11 | Jul 18 | 2.18 |
| Feb 29 | 2.49 | Aug 28 | 2.26 |
| Mar 31 | 2.82 | Sep 19 | 2.54 |



Water-Data Report 2008

# 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.

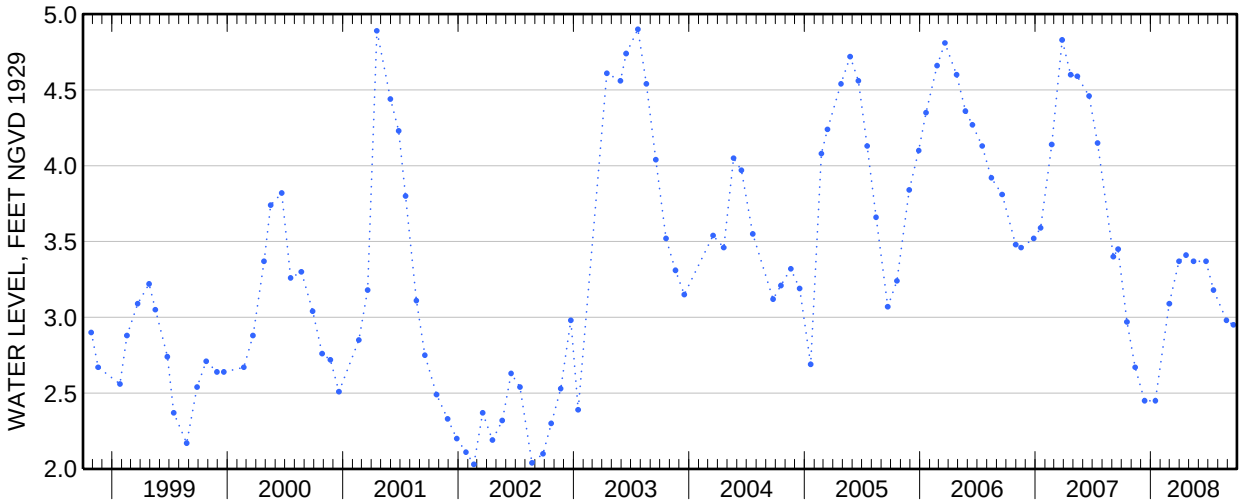
PERIOD OF RECORD.--August 1958 to current year. Unpublished records from August 1958 to September 1977 are available in files of the Geological Survey.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 2.97 | Apr 22 | 3.41 |
| Nov 13 | 2.67 | May 16 | 3.37 |
| Dec 13 | 2.45 | Jun 24 | 3.37 |
| Jan 16 | 2.45 | Jul 18 | 3.18 |
| Feb 29 | 3.09 | Aug 28 | 2.98 |
| Mar 31 | 3.37 | Sep 19 | 2.95 |



Water-Data Report 2008

# 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.

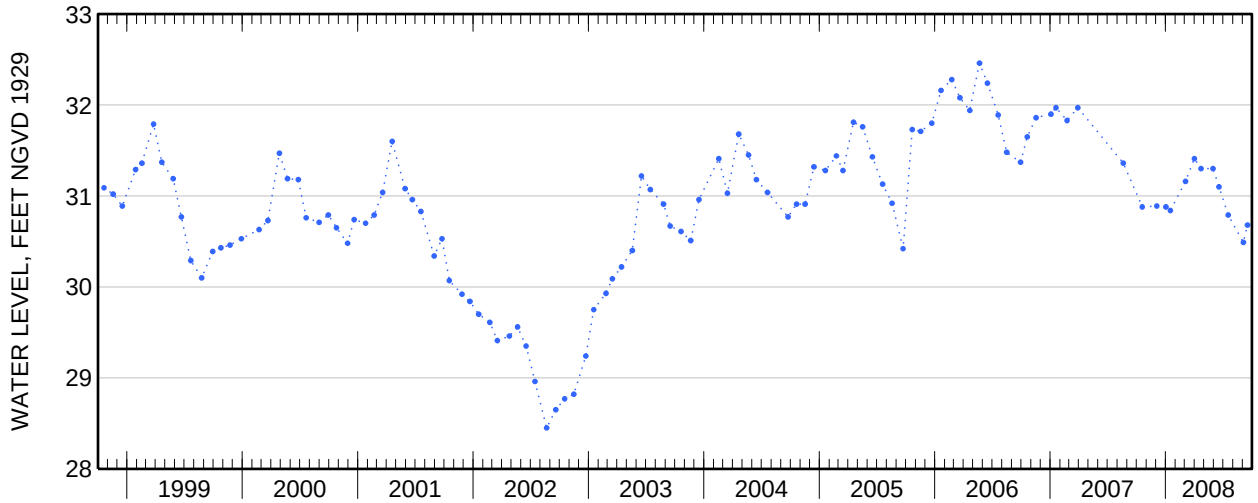
PERIOD OF RECORD.--July 1958 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 19 | 30.88 | Apr 22 | 31.30 |
| Dec 4 | 30.89 | May 30 | 31.30 |
| Jan 2 | 30.88 | Jun 18 | 31.10 |
| 16 | 30.84 | Jul 17 | 30.79 |
| Mar 4 | 31.16 | Sep 3 | 30.49 |
| Apr 1 | 31.41 | 16 | 30.68 |



Water-Data Report 2008

# 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.

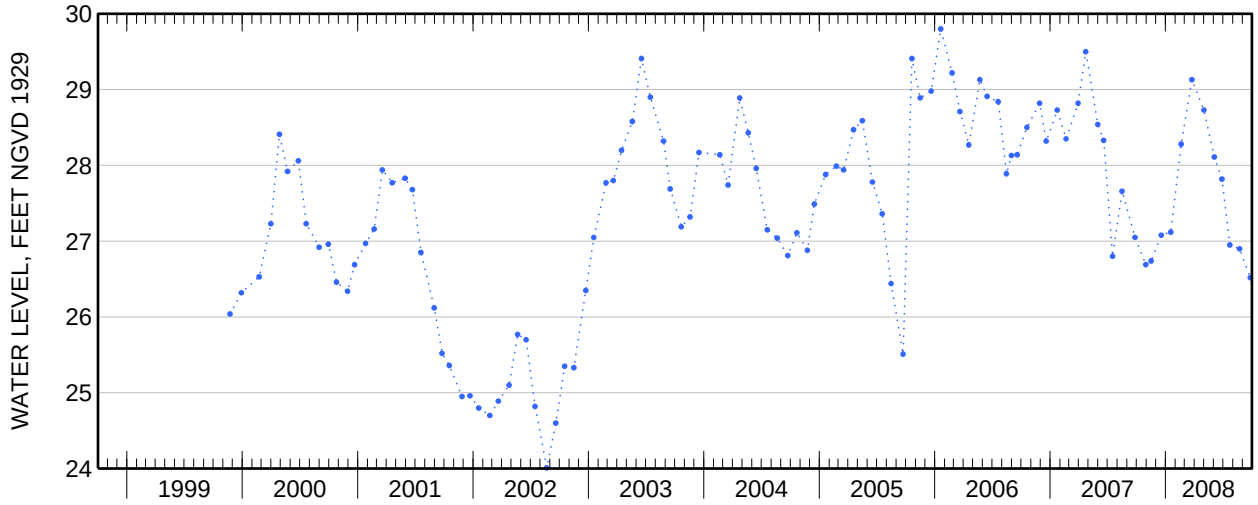
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 26.69 | May 1 | 28.73 |
| Nov 16 | 26.74 | Jun 3 | 28.11 |
| Dec 18 | 27.08 | 27 | 27.82 |
| Jan 17 | 27.12 | Jul 22 | 26.95 |
| Feb 19 | 28.28 | Aug 22 | 26.90 |
| Mar 24 | 29.13 | Sep 25 | 26.52 |



Water-Data Report 2008

# 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.

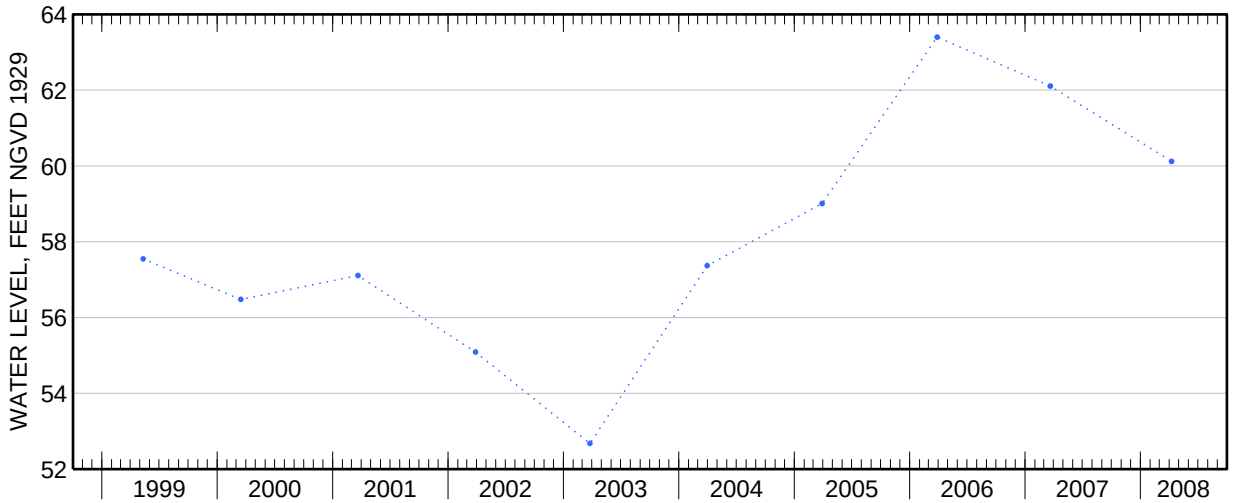
PERIOD OF RECORD.--April 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 8 | 60.12 |



Water-Data Report 2008

# 403727073154601 Local number S 21091. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Suffolk County, NY

LOCATION.--Lat 40°37′28″, long 73°15′48″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Robert Moses State Park, in water treatment building, Fire Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,921 ft. Upper casing diameter 6 in; top of first opening 1,918 ft, bottom of last opening 1,921 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 13.68 ft above land-surface datum.

PERIOD OF RECORD.--September 1962 to current year. Unpublished records from September 1962 to September 1975 are available in files of the Geological Survey.

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

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 22.56 ft above sea level, April 16, 2007; lowest recorded, 15.15 ft above sea level, November 19, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 21.31 ft above sea level, May 12; lowest recorded, 17.59 ft above sea level, December 1.

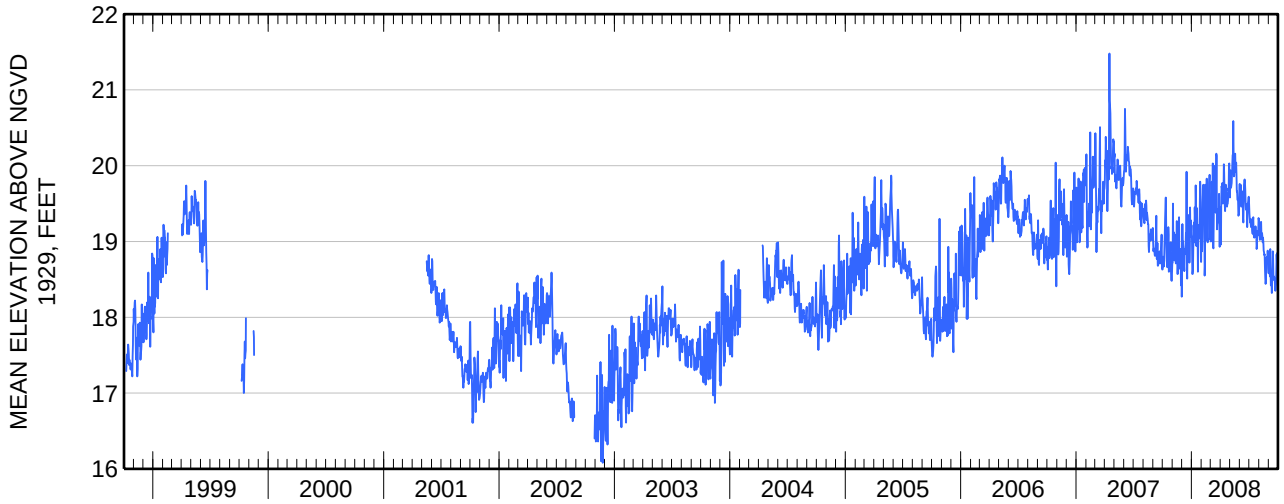
**403727073154601 Local number S 21091. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.63 | 18.72 | 18.27 | 19.20 | 19.33 | 19.46 | 19.45 | 19.58 | 19.76 | 19.49 | 19.28 | 18.58 |
| 2 | 18.71 | 18.72 | 18.66 | 19.00 | 19.00 | 19.00 | 19.07 | 19.76 | 19.67 | 19.37 | 19.24 | 18.71 |
| 3 | 18.80 | 19.50 | 19.23 | 18.57 | 18.87 | 19.17 | 18.96 | 19.94 | 19.62 | 19.30 | 19.11 | 18.85 |
| 4 | 18.75 | 19.01 | 18.80 | 18.57 | 19.04 | 19.46 | 19.59 | 19.92 | 19.75 | 19.25 | 19.02 | 18.68 |
| 5 | 18.67 | 18.88 | 19.00 | 18.63 | 19.43 | 19.79 | 19.73 | 19.71 | 19.60 | 19.30 | 19.05 | 18.54 |
| 6 | 18.74 | 19.12 | 18.90 | 18.91 | 19.73 | 19.36 | 19.70 | 19.74 | 19.46 | 19.23 | 19.22 | 18.90 |
| 7 | 18.96 | 18.75 | 18.77 | 19.05 | 19.75 | 19.51 | 19.77 | 19.77 | 19.47 | 19.19 | 19.24 | 18.59 |
| 8 | 19.10 | 18.75 | 18.69 | 19.09 | 19.64 | 20.03 | 19.63 | 19.88 | 19.55 | 19.20 | 19.26 | 18.42 |
| 9 | 19.30 | 18.91 | 18.61 | 19.25 | 19.52 | 18.93 | 19.50 | 20.02 | 19.64 | 19.29 | 19.07 | 18.57 |
| 10 | 19.46 | 19.09 | 18.90 | 18.99 | 19.52 | 18.91 | 19.53 | 20.14 | 19.66 | 19.22 | 19.03 | 18.43 |
| 11 | 19.58 | 18.96 | 18.87 | 19.45 | 18.55 | 19.32 | 19.66 | 20.15 | 19.52 | 19.14 | 19.11 | 18.32 |
| 12 | 19.34 | 18.71 | 18.87 | 19.29 | 18.68 | 19.64 | 20.02 | 20.59 | 19.31 | 19.10 | 19.06 | 18.51 |
| 13 | 18.96 | 18.89 | 18.95 | 19.29 | 19.75 | 19.52 | 19.91 | 20.18 | 19.25 | 19.26 | 18.99 | 18.66 |
| 14 | 18.77 | 18.99 | 19.11 | 19.74 | 19.47 | 19.75 | 19.67 | 19.86 | 19.52 | 19.32 | 19.05 | 18.87 |
| 15 | 18.68 | 19.27 | 18.83 | 19.51 | 19.17 | 20.00 | 19.47 | 19.87 | 19.75 | 19.14 | 18.99 | 18.77 |
| 16 | 18.66 | 18.86 | 19.92 | 18.94 | 19.02 | 19.97 | 19.40 | 20.02 | 19.80 | 19.06 | 18.88 | 18.53 |
| 17 | 18.76 | 18.57 | 18.63 | 19.11 | 19.28 | 19.38 | 19.59 | 20.14 | 19.82 | 19.05 | 18.86 | 18.54 |
| 18 | 18.91 | 18.57 | 18.51 | 19.44 | 19.83 | 19.61 | 19.75 | 20.16 | 19.78 | 19.08 | 18.82 | 18.49 |
| 19 | 19.19 | 18.73 | 18.91 | 19.15 | 19.38 | 20.16 | 19.67 | 19.96 | 19.68 | 19.06 | 18.83 | 18.52 |
| 20 | 19.08 | 18.92 | 19.08 | 19.10 | 19.05 | 20.13 | 19.64 | 19.92 | 19.52 | 19.10 | 18.65 | 18.49 |
| 21 | 18.60 | 19.09 | 19.24 | 18.60 | 18.99 | 19.16 | 19.54 | 20.04 | 19.42 | 19.20 | 18.52 | 18.41 |
| 22 | 18.61 | 19.32 | 19.10 | 18.91 | 19.39 | 19.25 | 19.46 | 19.89 | 19.44 | 19.16 | 18.44 | 18.35 |
| 23 | 18.94 | 18.89 | 19.35 | 19.10 | 19.59 | 19.31 | 19.50 | 19.66 | 19.49 | 19.11 | 18.48 | 18.39 |
| 24 | 18.88 | 18.65 | 19.14 | 19.22 | 19.40 | 19.25 | 19.50 | 19.66 | 19.40 | 19.08 | 18.66 | 18.43 |
| 25 | 18.89 | 18.64 | 18.72 | 19.04 | 19.42 | 19.36 | 19.54 | 19.55 | 19.19 | 18.90 | 18.79 | 18.62 |
| 26 | 18.89 | 18.90 | 18.99 | 19.10 | 19.77 | 19.43 | 19.70 | 19.55 | 19.38 | 18.95 | 18.72 | 18.83 |
| 27 | 18.99 | 18.85 | 19.45 | 19.51 | 19.88 | 19.40 | 19.67 | 19.53 | 19.50 | 19.12 | 18.73 | 18.72 |
| 28 | 18.58 | 18.42 | 19.06 | 19.79 | 19.15 | 19.63 | 19.99 | 19.34 | 19.53 | 19.14 | 18.79 | 18.85 |
| 29 | 18.49 | 18.81 | 19.28 | 19.69 | 19.02 | 19.22 | 20.03 | 19.35 | 19.58 | 19.08 | 18.88 | 18.75 |
| 30 | 18.48 | 18.62 | 19.12 | 19.52 | --- | 18.93 | 19.70 | 19.38 | 19.59 | 19.13 | 18.81 | 18.77 |
| 31 | 18.58 | --- | 19.22 | 18.73 | --- | 19.16 | --- | 19.69 | --- | 19.31 | 18.65 | --- |
| Mean | 18.87 | 18.87 | 18.97 | 19.14 | 19.33 | 19.46 | 19.61 | 19.84 | 19.55 | 19.17 | 18.91 | 18.60 |
| Max | 19.58 | 19.50 | 19.92 | 19.79 | 19.88 | 20.16 | 20.03 | 20.59 | 19.82 | 19.49 | 19.28 | 18.90 |
| Min | 18.48 | 18.42 | 18.27 | 18.57 | 18.55 | 18.91 | 18.96 | 19.34 | 19.19 | 18.90 | 18.44 | 18.32 |
| Med | 18.80 | 18.87 | 18.95 | 19.10 | 19.39 | 19.40 | 19.63 | 19.87 | 19.54 | 19.14 | 18.88 | 18.58 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 19.41 | 19.19 |
| Max | 21.48 | 20.59 |
| Min | 18.27 | 18.27 |
| Med | 19.40 | 19.15 |

**403727073154601 Local number S 21091. 1—Continued**



Water-Data Report 2008

# 403727073154503 Local number S 21311. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°37′28″, long 73°15′48″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Robert Moses State Park, in water treatment building, Fire Island.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 721 ft. Upper casing diameter 6 in; top of first opening 711 ft, bottom of last opening 721 ft.

DATUM.--Land-surface datum is 10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 20.01 ft above land-surface datum.

PERIOD OF RECORD.--November 1962 to current year. Unpublished records from November 1962 to September 1975 are available in files of the Geological Survey.

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

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.04 ft above sea level, January 25, 1979; lowest recorded, 5.35 ft above sea level, February 23, 1972.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 12.09 ft above sea level, May 12; lowest recorded, 7.63 ft above sea level, August 21.

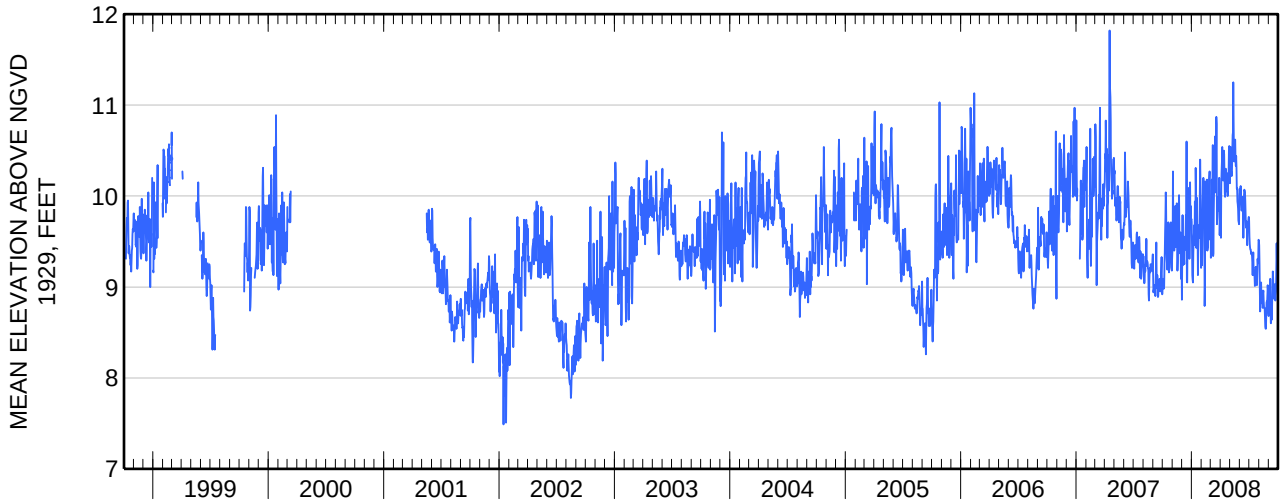
**403727073154503 Local number S 21311. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8.98 | 9.37 | 8.86 | 9.72 | 9.83 | 9.83 | 9.97 | 10.14 | 10.08 | 9.73 | 9.51 | 8.68 |
| 2 | 9.04 | 9.43 | 9.35 | 9.47 | 9.39 | 9.32 | 9.59 | 10.30 | 10.03 | 9.55 | 9.46 | 8.80 |
| 3 | 9.09 | 10.27 | 9.79 | 9.13 | 9.24 | 9.58 | 9.54 | 10.54 | 9.98 | 9.47 | 9.25 | 8.90 |
| 4 | 9.07 | 9.70 | 9.24 | 9.08 | 9.49 | 9.85 | 10.13 | 10.49 | 10.11 | 9.43 | 8.96 | 8.81 |
| 5 | 8.98 | 9.57 | 9.52 | 9.05 | 9.86 | 10.18 | 10.27 | 10.28 | 9.95 | 9.41 | 8.73 | 8.69 |
| 6 | 9.01 | 9.83 | 9.56 | 9.35 | 10.12 | 9.89 | 10.37 | 10.25 | 9.87 | 9.41 | 8.93 | 9.09 |
| 7 | 9.25 | 9.40 | 9.43 | 9.53 | 10.20 | 10.10 | 10.54 | 10.22 | 9.84 | 9.37 | 9.01 | 8.71 |
| 8 | 9.38 | 9.47 | 9.32 | 9.59 | 10.16 | 10.56 | 10.38 | 10.29 | 9.86 | 9.36 | 9.05 | 8.60 |
| 9 | 9.61 | 9.65 | 9.25 | 9.68 | 10.01 | 9.34 | 10.20 | 10.51 | 9.93 | 9.38 | 8.85 | 8.79 |
| 10 | 9.76 | 9.89 | 9.55 | 9.46 | 9.94 | 9.37 | 10.17 | 10.67 | 9.99 | 9.35 | 8.82 | 8.68 |
| 11 | 10.04 | 9.81 | 9.52 | 9.94 | 8.79 | 9.84 | 10.18 | 10.70 | 9.85 | 9.27 | 8.96 | 8.64 |
| 12 | 9.90 | 9.44 | 9.41 | 9.80 | 9.03 | 10.06 | 10.50 | 11.25 | 9.63 | 9.13 | 8.91 | 8.84 |
| 13 | 9.53 | 9.59 | 9.59 | 9.86 | 10.16 | 10.05 | 10.46 | 10.84 | 9.54 | 9.28 | 8.77 | 8.97 |
| 14 | 9.31 | 9.69 | 9.79 | 10.31 | 9.90 | 10.30 | 10.23 | 10.48 | 9.73 | 9.38 | 8.93 | 9.17 |
| 15 | 9.24 | 9.92 | 9.50 | 10.03 | 9.57 | 10.59 | 10.03 | 10.38 | 10.01 | 9.21 | 8.96 | 9.11 |
| 16 | 9.19 | 9.45 | 10.60 | 9.43 | 9.41 | 10.66 | 9.99 | 10.49 | 10.07 | 9.13 | 8.85 | 8.95 |
| 17 | 9.31 | 9.18 | 9.06 | 9.70 | 9.74 | 10.04 | 10.15 | 10.61 | 10.06 | 9.15 | 8.78 | 8.95 |
| 18 | 9.44 | 9.28 | 9.05 | 9.98 | 10.18 | 10.37 | 10.30 | 10.62 | 10.04 | 9.11 | 8.77 | 8.87 |
| 19 | 9.71 | 9.49 | 9.52 | 9.61 | 9.73 | 10.87 | 10.25 | 10.39 | 9.95 | 9.01 | 8.77 | 9.01 |
| 20 | 9.66 | 9.66 | 9.70 | 9.60 | 9.40 | 10.79 | 10.26 | 10.33 | 9.80 | 9.06 | 8.68 | 9.03 |
| 21 | 9.16 | 9.83 | 10.03 | 9.13 | 9.44 | 9.69 | 10.17 | 10.44 | 9.67 | 9.18 | 8.56 | 8.91 |
| 22 | 9.21 | 10.01 | 9.88 | 9.38 | 9.85 | 9.77 | 10.05 | 10.32 | 9.65 | 9.22 | 8.54 | 8.85 |
| 23 | 9.53 | 9.62 | 10.09 | 9.51 | 10.07 | 9.88 | 10.05 | 10.08 | 9.72 | 9.20 | 8.54 | 8.91 |
| 24 | 9.43 | 9.43 | 9.78 | 9.68 | 9.86 | 9.84 | 10.0 | 10.09 | 9.68 | 9.22 | 8.68 | 8.95 |
| 25 | 9.62 | 9.37 | 9.31 | 9.54 | 9.83 | 9.98 | 10.05 | 9.94 | 9.46 | 9.03 | 8.83 | 9.21 |
| 26 | 9.69 | 9.60 | 9.64 | 9.58 | 10.19 | 9.99 | 10.25 | 9.91 | 9.63 | 9.02 | 8.84 | 9.48 |
| 27 | 9.71 | 9.49 | 10.15 | 10.04 | 10.27 | 9.96 | 10.26 | 9.86 | 9.71 | 9.16 | 8.81 | 9.29 |
| 28 | 9.27 | 9.09 | 9.74 | 10.40 | 9.54 | 10.20 | 10.52 | 9.73 | 9.71 | 9.31 | 8.94 | 9.41 |
| 29 | 9.22 | 9.48 | 9.89 | 10.14 | 9.52 | 9.82 | 10.55 | 9.71 | 9.75 | 9.26 | 9.02 | 9.43 |
| 30 | 9.18 | 9.28 | 9.73 | 9.94 | --- | 9.57 | 10.24 | 9.69 | 9.77 | 9.32 | 8.96 | 9.51 |
| 31 | 9.28 | --- | 9.75 | 9.21 | --- | 9.76 | --- | 10.02 | --- | 9.52 | 8.72 | --- |
| Mean | 9.38 | 9.58 | 9.60 | 9.64 | 9.75 | 10.00 | 10.19 | 10.31 | 9.84 | 9.28 | 8.88 | 8.97 |
| Max | 10.04 | 10.27 | 10.60 | 10.40 | 10.27 | 10.87 | 10.55 | 11.25 | 10.11 | 9.73 | 9.51 | 9.51 |
| Min | 8.98 | 9.09 | 8.86 | 9.05 | 8.79 | 9.32 | 9.54 | 9.69 | 9.46 | 9.01 | 8.54 | 8.60 |
| Med | 9.31 | 9.53 | 9.56 | 9.60 | 9.83 | 9.96 | 10.22 | 10.32 | 9.84 | 9.27 | 8.85 | 8.93 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 9.65 | 9.62 |
| Max | 11.82 | 11.25 |
| Min | 8.85 | 8.54 |
| Med | 9.57 | 9.60 |

**403727073154503 Local number S 21311. 1—Continued**



Water-Data Report 2008

# 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.

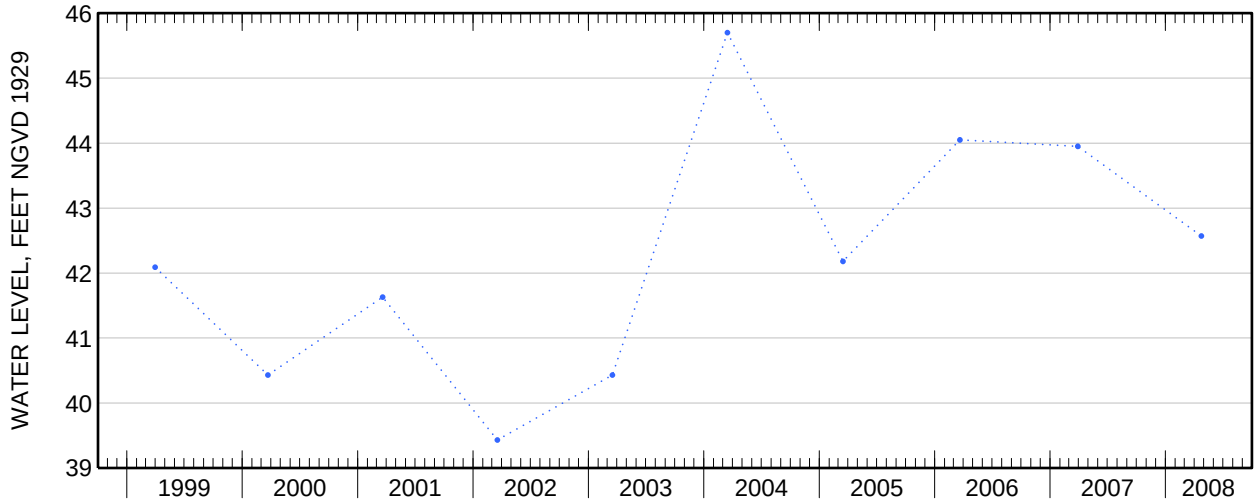
PERIOD OF RECORD.--August 1964 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 42.57 |



Water-Data Report 2008

# 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.

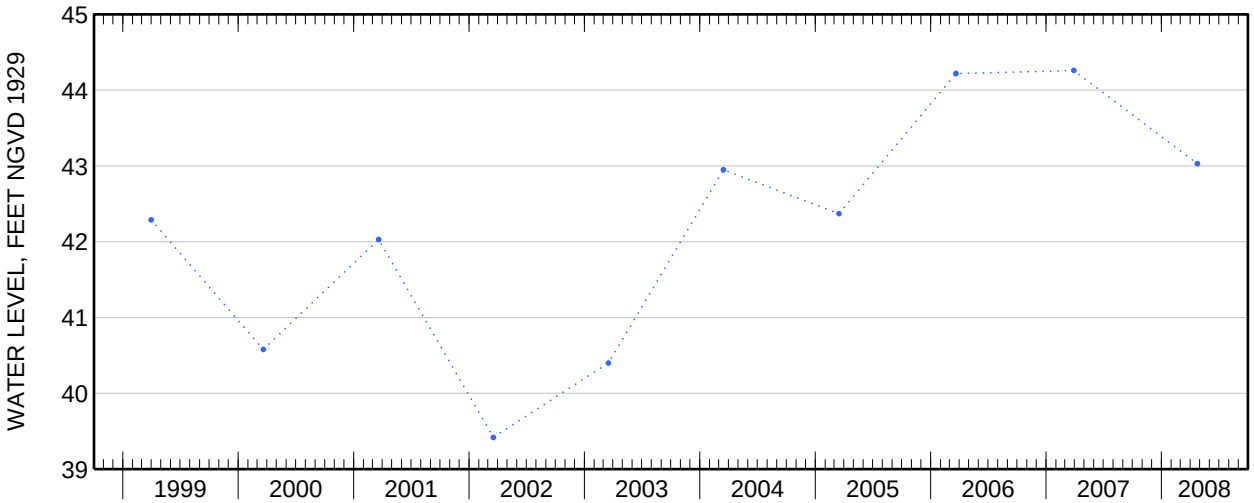
PERIOD OF RECORD.--August 1964 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 43.03 |



Water-Data Report 2008

# 405047073120601 Local number S 23631. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°50'46.7", long 73°12'05.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 595 ft. Upper casing diameter 16 in; top of first opening 494 ft, bottom of last opening 595 ft.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 3.91 ft above land-surface datum.

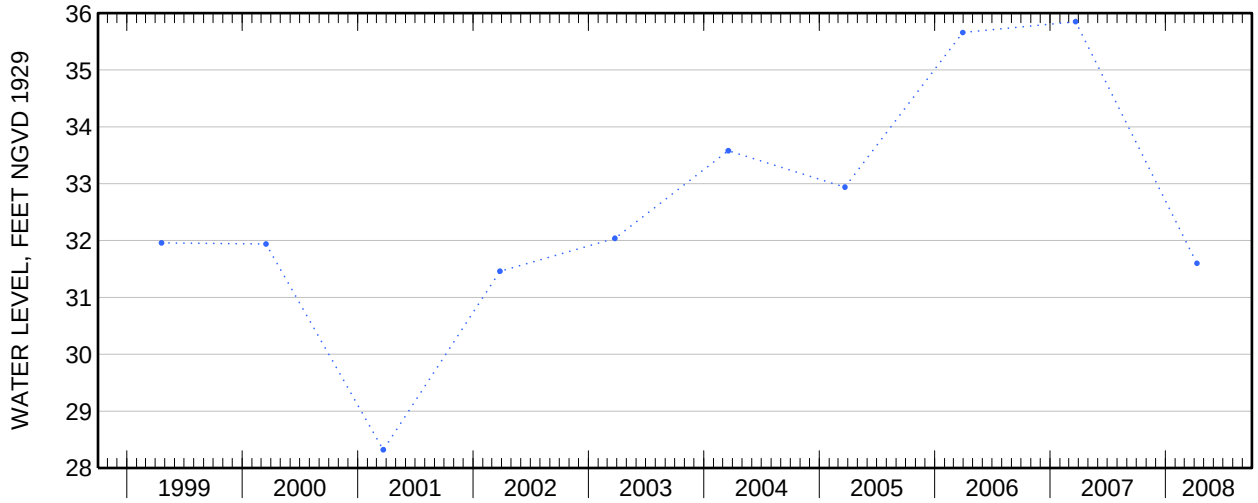
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.85 ft above sea level, March 22, 2007; lowest measured, 28.32 ft above sea level, March 22, 2001.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 31.60 |



Water-Data Report 2008

# 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.

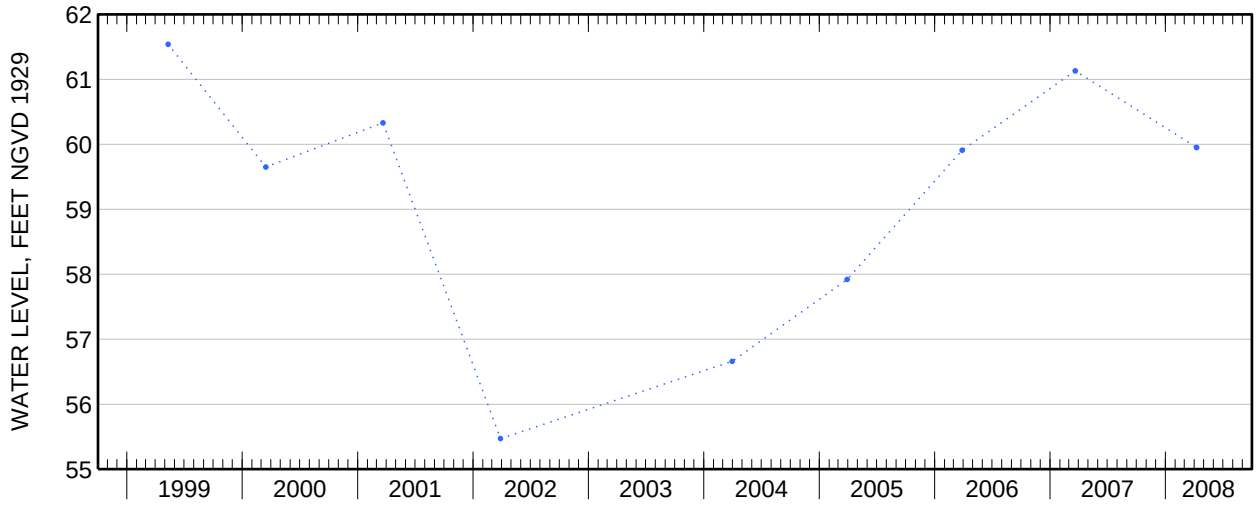
PERIOD OF RECORD.--March 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 8 | 59.95 |



Water-Data Report 2008

# 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 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.

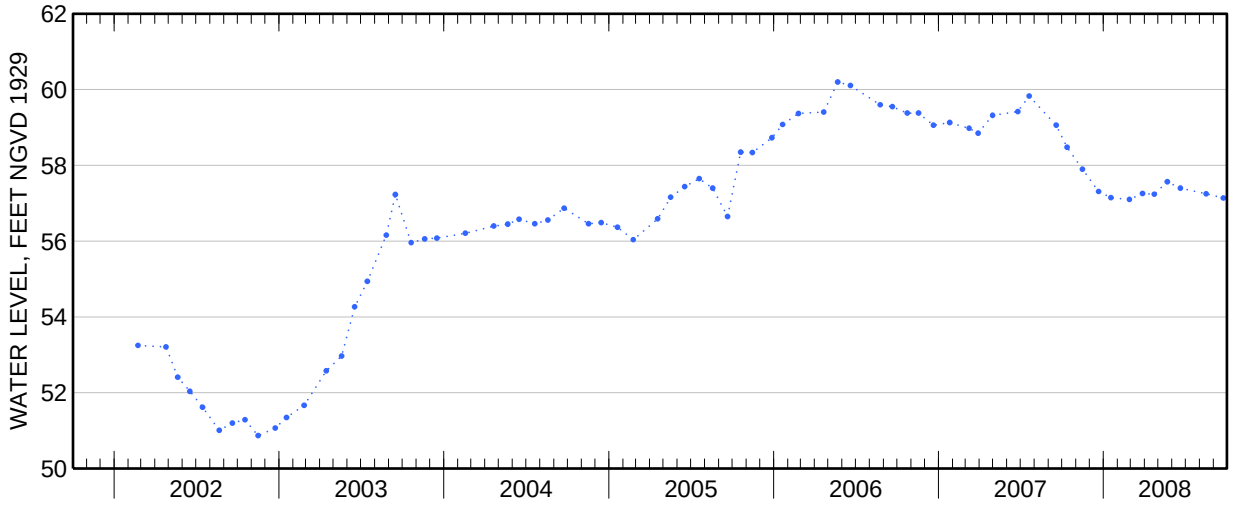
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 58.48 | Apr 22 | 57.24 |
| Nov 15 | 57.90 | May 21 | 57.57 |
| Dec 21 | 57.31 | Jun 19 | 57.40 |
| Jan 17 | 57.15 | Aug 15 | 57.25 |
| Feb 27 | 57.10 | Sep 22 | 57.14 |
| Mar 27 | 57.26 | | |



Water-Data Report 2008

# 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.

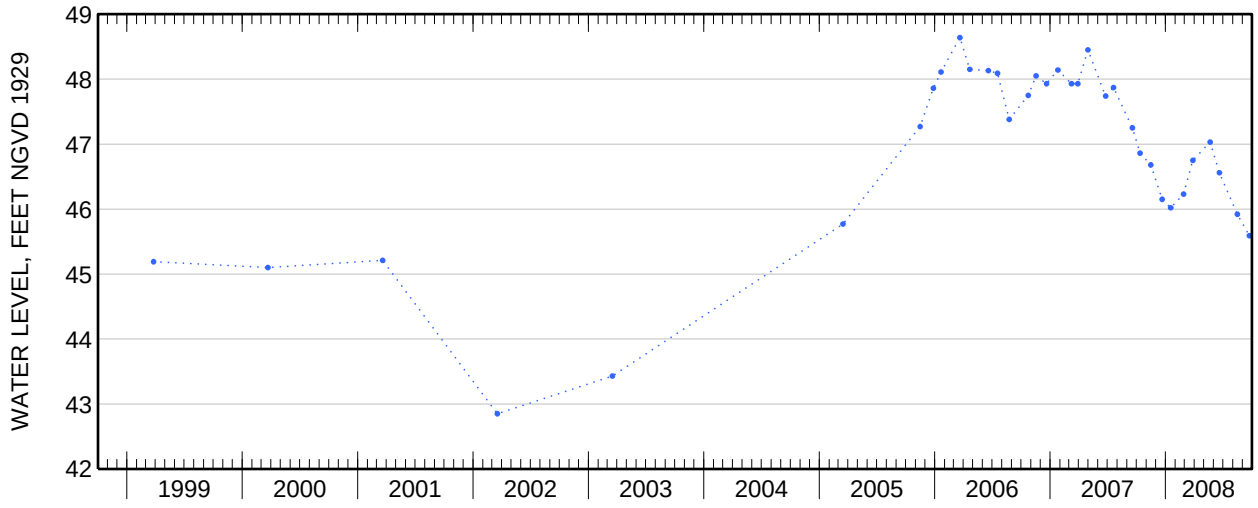
PERIOD OF RECORD.--March 1966 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 46.86 | Mar 27 | 46.75 |
| Nov 15 | 46.68 | May 21 | 47.03 |
| Dec 21 | 46.15 | Jun 19 | 46.56 |
| Jan 17 | 46.02 | Aug 15 | 45.92 |
| Feb 27 | 46.23 | Sep 22 | 45.59 |



Water-Data Report 2008

# 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.

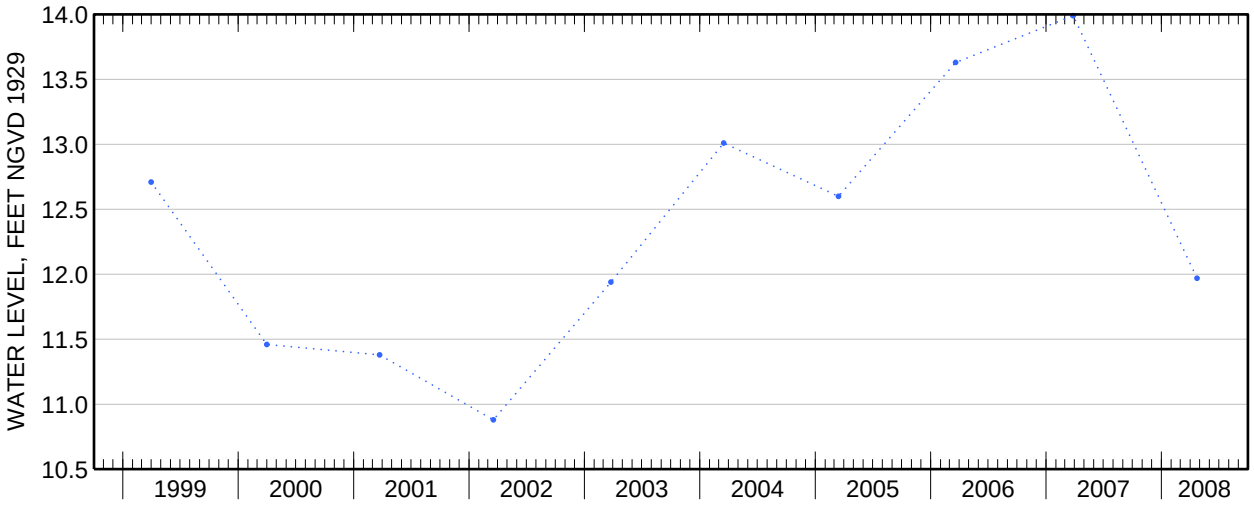
PERIOD OF RECORD.--March 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 11.97 |



Water-Data Report 2008

# 410056072302601 Local number S 32390. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°00'56.9", long 72°30'25.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 283 ft. Upper casing diameter 6 in; top of first opening 260 ft, bottom of last opening 280 ft.

DATUM.--Land-surface datum is 36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.73 ft above land-surface datum.

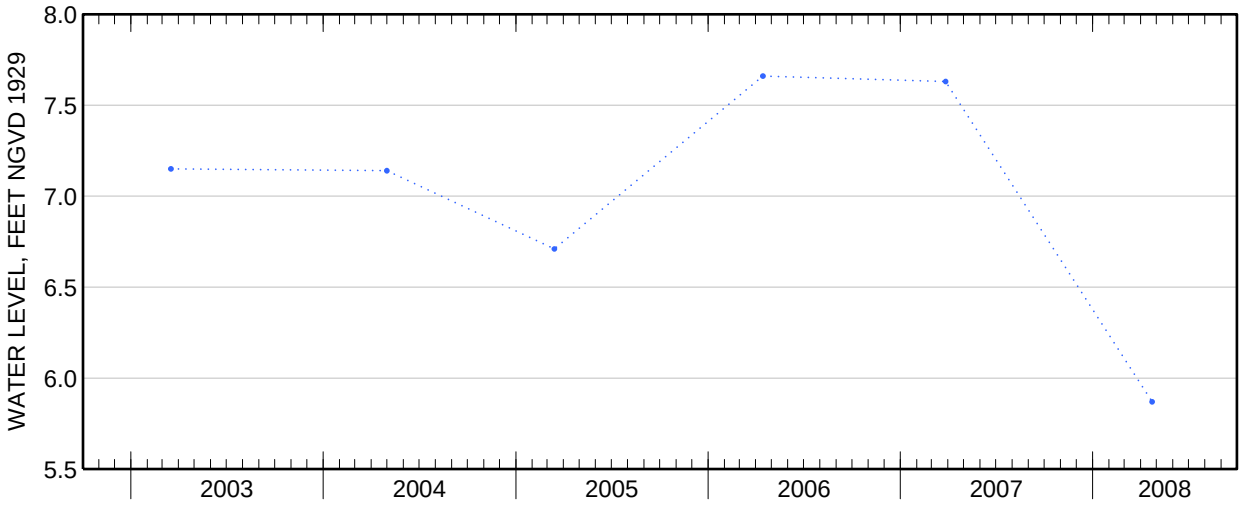
PERIOD OF RECORD.--November 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.66 ft above sea level, April 14, 2006; lowest measured, 4.22 ft above sea level, November 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 5.87 |



Water-Data Report 2008

# 404046073252101 Local number S 32501. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°40′47″, long 73°25′21″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 632 ft. Upper casing diameter 16 in; top of first opening 560 ft, bottom of last opening 630 ft.

DATUM.--Land-surface datum is 26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 6.33 ft below land-surface datum.

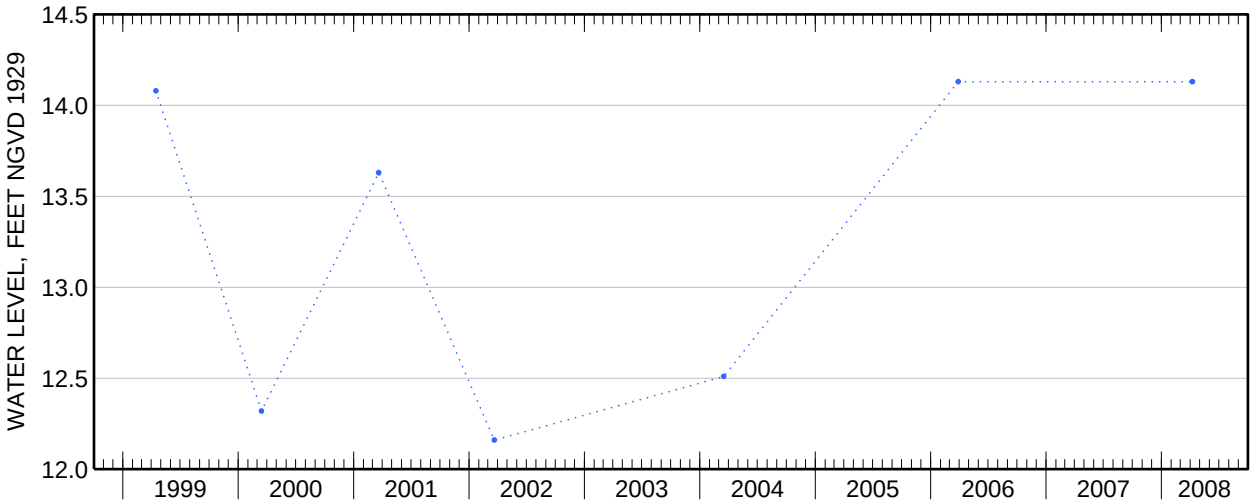
PERIOD OF RECORD.--March 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.02 ft above sea level, March 19, 1977; lowest measured, 5.69 ft above sea level, April 14, 1998.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 14.13 |



Water-Data Report 2008

# 404935073055901 Local number S 33379. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Suffolk County, NY

LOCATION.--Lat 40°49′32″, long 73°05′59″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Duncan Avenue and Portion Road, in pumping center, in west recorder shelter, Lake Ronkonkoma.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,305 ft. Upper casing diameter 4 in; top of first opening 1,290 ft, bottom of last opening 1,300 ft.

DATUM.--Land-surface datum is 134 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.34 ft above land-surface datum.

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

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

REMARKS.--Water level affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.92 ft above sea level, June 5, 1979; lowest recorded, 32.62 ft above sea level, August 28, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 39.07 ft above sea level, December 16; lowest recorded, 36.75 ft above sea level, September 23 and 24.

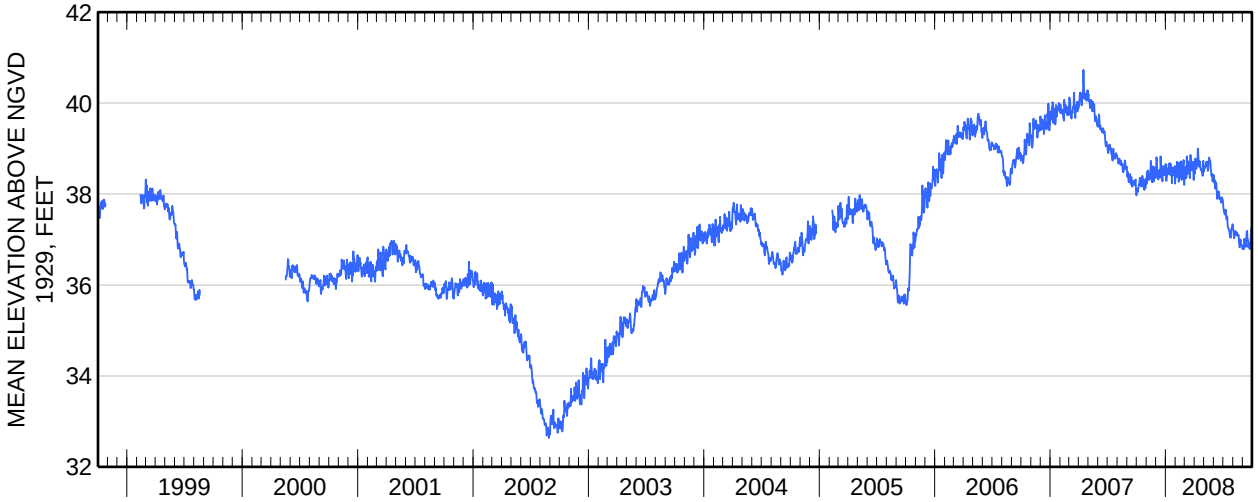
**404935073055901 Local number S 33379. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 37.97 | 38.35 | 38.36 | 38.66 | 38.42 | 38.48 | 38.70 | 38.49 | 38.42 | 37.78 | 37.28 | 36.79 |
| 2 | 38.03 | 38.23 | 38.39 | 38.64 | 38.52 | 38.35 | 38.57 | 38.57 | 38.32 | 37.69 | 37.24 | 36.83 |
| 3 | 38.12 | 38.49 | 38.81 | 38.29 | 38.43 | 38.34 | 38.45 | 38.58 | 38.25 | 37.65 | 37.17 | 36.86 |
| 4 | 38.10 | 38.48 | 38.78 | 38.29 | 38.37 | 38.48 | 38.78 | 38.62 | 38.31 | 37.60 | 37.08 | 36.85 |
| 5 | 38.05 | 38.42 | 38.66 | 38.38 | 38.55 | 38.60 | 38.76 | 38.57 | 38.20 | 37.59 | 37.03 | 36.79 |
| 6 | 38.10 | 38.52 | 38.43 | 38.43 | 38.71 | 38.35 | 38.60 | 38.60 | 38.12 | 37.55 | 37.13 | 37.00 |
| 7 | 38.15 | 38.40 | 38.36 | 38.42 | 38.64 | 38.39 | 38.56 | 38.61 | 38.20 | 37.56 | 37.16 | 37.02 |
| 8 | 38.20 | 38.31 | 38.39 | 38.46 | 38.50 | 38.83 | 38.56 | 38.70 | 38.26 | 37.61 | 37.19 | 36.91 |
| 9 | 38.20 | 38.37 | 38.32 | 38.57 | 38.49 | 38.60 | 38.61 | 38.69 | 38.26 | 37.66 | 37.12 | 36.99 |
| 10 | 38.26 | 38.41 | 38.42 | 38.44 | 38.61 | 38.44 | 38.70 | 38.69 | 38.21 | 37.58 | 37.10 | 36.90 |
| 11 | 38.34 | 38.32 | 38.40 | 38.66 | 38.36 | 38.55 | 38.78 | 38.64 | 38.08 | 37.48 | 37.15 | 36.84 |
| 12 | 38.36 | 38.35 | 38.53 | 38.60 | 38.27 | 38.72 | 39.00 | 38.71 | 37.95 | 37.44 | 37.17 | 36.96 |
| 13 | 38.22 | 38.49 | 38.46 | 38.53 | 38.69 | 38.58 | 38.92 | 38.56 | 37.89 | 37.51 | 37.12 | 37.09 |
| 14 | 38.20 | 38.53 | 38.50 | 38.68 | 38.58 | 38.67 | 38.77 | 38.51 | 37.98 | 37.50 | 37.14 | 37.18 |
| 15 | 38.17 | 38.73 | 38.36 | 38.68 | 38.49 | 38.71 | 38.66 | 38.57 | 38.04 | 37.35 | 37.08 | 37.19 |
| 16 | 38.17 | 38.67 | 38.83 | 38.47 | 38.36 | 38.57 | 38.60 | 38.68 | 38.03 | 37.27 | 37.10 | 37.02 |
| 17 | 38.21 | 38.46 | 38.68 | 38.41 | 38.41 | 38.35 | 38.67 | 38.78 | 38.06 | 37.25 | 37.10 | 37.01 |
| 18 | 38.28 | 38.30 | 38.41 | 38.66 | 38.72 | 38.35 | 38.72 | 38.80 | 38.03 | 37.25 | 37.11 | 36.97 |
| 19 | 38.38 | 38.26 | 38.46 | 38.58 | 38.61 | 38.69 | 38.68 | 38.74 | 37.97 | 37.22 | 37.10 | 36.83 |
| 20 | 38.40 | 38.40 | 38.49 | 38.52 | 38.47 | 38.86 | 38.60 | 38.72 | 37.90 | 37.20 | 36.96 | 36.90 |
| 21 | 38.17 | 38.48 | 38.34 | 38.24 | 38.31 | 38.67 | 38.53 | 38.74 | 37.88 | 37.19 | 36.89 | 36.92 |
| 22 | 38.16 | 38.61 | 38.28 | 38.45 | 38.47 | 38.69 | 38.52 | 38.67 | 37.90 | 37.11 | 36.83 | 36.84 |
| 23 | 38.33 | 38.44 | 38.51 | 38.58 | 38.54 | 38.59 | 38.55 | 38.55 | 37.92 | 37.06 | 36.85 | 36.79 |
| 24 | 38.31 | 38.27 | 38.62 | 38.54 | 38.45 | 38.53 | 38.54 | 38.49 | 37.89 | 37.08 | 36.95 | 36.80 |
| 25 | 38.13 | 38.33 | 38.47 | 38.41 | 38.53 | 38.52 | 38.51 | 38.40 | 37.81 | 37.04 | 37.00 | 36.81 |
| 26 | 38.09 | 38.50 | 38.49 | 38.41 | 38.66 | 38.64 | 38.46 | 38.41 | 37.92 | 37.12 | 36.92 | 37.01 |
| 27 | 38.29 | 38.59 | 38.56 | 38.49 | 38.75 | 38.62 | 38.40 | 38.45 | 37.93 | 37.23 | 36.89 | 37.13 |
| 28 | 38.19 | 38.36 | 38.41 | 38.51 | 38.43 | 38.71 | 38.61 | 38.28 | 37.90 | 37.25 | 36.88 | 37.24 |
| 29 | 38.13 | 38.51 | 38.59 | 38.58 | 38.20 | 38.47 | 38.73 | 38.29 | 37.89 | 37.24 | 36.88 | 37.26 |
| 30 | 38.18 | 38.46 | 38.53 | 38.62 | --- | 38.31 | 38.56 | 38.29 | 37.88 | 37.27 | 36.88 | 37.29 |
| 31 | 38.23 | --- | 38.63 | 38.23 | --- | 38.43 | --- | 38.41 | --- | 37.34 | 36.81 | --- |
| Mean | 38.20 | 38.43 | 38.50 | 38.50 | 38.50 | 38.55 | 38.64 | 38.57 | 38.05 | 37.38 | 37.04 | 36.97 |
| Max | 38.40 | 38.73 | 38.83 | 38.68 | 38.75 | 38.86 | 39.00 | 38.80 | 38.42 | 37.78 | 37.28 | 37.29 |
| Min | 37.97 | 38.23 | 38.28 | 38.23 | 38.20 | 38.31 | 38.40 | 38.28 | 37.81 | 37.04 | 36.81 | 36.79 |
| Med | 38.19 | 38.43 | 38.47 | 38.51 | 38.49 | 38.57 | 38.61 | 38.58 | 38.01 | 37.34 | 37.10 | 36.94 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 39.16 | 38.11 |
| Max | 40.73 | 39.00 |
| Min | 37.97 | 36.79 |
| Med | 39.06 | 38.36 |

**404935073055901 Local number S 33379. 1—Continued**



Water-Data Report 2008

# 404932073055902 Local number S 33380. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°49′32″, long 73°05′59″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Duncan Avenue and Portion Road, in pumping center, in recorder shelter, Lake Ronkonkoma.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 855 ft. Upper casing diameter 4 in; top of first opening 840 ft, bottom of last opening 850 ft.

DATUM.--Land-surface datum is 133.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.13 ft above land-surface datum.

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

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

REMARKS.--Water level affected by nearby pumping.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 54.30 ft above sea level, April 27, 1979; lowest recorded, 43.83 ft above sea level, September 1, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 52.25 ft above sea level, October 12; lowest recorded, 49.79 ft above sea level, August 29.

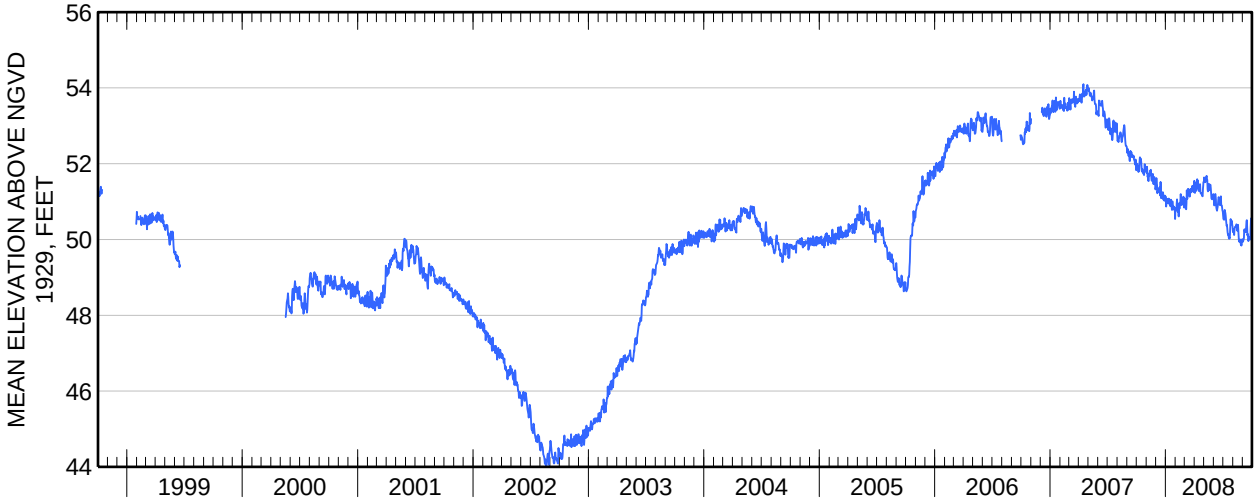
**404932073055902 Local number S 33380. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 51.90 | 51.88 | 51.37 | 51.14 | 50.82 | 51.09 | 51.55 | 51.51 | 51.17 | 50.63 | 50.21 | 49.96 |
| 2 | 51.99 | 51.76 | 51.39 | 51.09 | 50.82 | 50.93 | 51.36 | 51.64 | 51.02 | 50.54 | 50.19 | 49.94 |
| 3 | 52.00 | 51.92 | 51.62 | 50.87 | 50.78 | 50.97 | 51.23 | 51.61 | 50.90 | 50.55 | 50.28 | 49.97 |
| 4 | 51.94 | 51.81 | 51.48 | 50.97 | 50.79 | 51.05 | 51.50 | 51.59 | 51.07 | 50.52 | 50.21 | 50.00 |
| 5 | 51.88 | 51.65 | 51.42 | 51.06 | 50.96 | 51.05 | 51.36 | 51.51 | 51.17 | 50.65 | 50.12 | 50.04 |
| 6 | 51.92 | 51.68 | 51.22 | 51.07 | 51.06 | 50.80 | 51.28 | 51.55 | 51.20 | 50.78 | 50.25 | 50.25 |
| 7 | 51.78 | 51.56 | 51.28 | 51.01 | 50.87 | 50.95 | 51.29 | 51.53 | 51.20 | 50.73 | 50.31 | 50.27 |
| 8 | 51.85 | 51.54 | 51.32 | 51.03 | 50.73 | 51.30 | 51.34 | 51.62 | 51.06 | 50.70 | 50.34 | 50.19 |
| 9 | 51.81 | 51.66 | 51.25 | 51.06 | 50.78 | 51.07 | 51.41 | 51.66 | 50.91 | 50.63 | 50.34 | 50.22 |
| 10 | 52.01 | 51.75 | 51.32 | 50.95 | 50.86 | 51.08 | 51.59 | 51.68 | 50.83 | 50.53 | 50.34 | 50.20 |
| 11 | 52.14 | 51.68 | 51.31 | 51.08 | 50.63 | 51.22 | 51.50 | 51.60 | 50.79 | 50.44 | 50.36 | 50.20 |
| 12 | 52.17 | 51.74 | 51.36 | 50.96 | 50.61 | 51.34 | 51.55 | 51.57 | 50.76 | 50.36 | 50.40 | 50.33 |
| 13 | 52.07 | 51.81 | 51.38 | 50.95 | 50.96 | 51.22 | 51.44 | 51.33 | 50.82 | 50.38 | 50.39 | 50.47 |
| 14 | 52.14 | 51.79 | 51.30 | 51.05 | 50.81 | 51.30 | 51.32 | 51.27 | 50.86 | 50.29 | 50.29 | 50.51 |
| 15 | 52.08 | 51.84 | 51.16 | 51.00 | 50.94 | 51.30 | 51.28 | 51.28 | 50.95 | 50.19 | 50.23 | 50.35 |
| 16 | 52.05 | 51.73 | 51.52 | 50.88 | 50.93 | 51.21 | 51.29 | 51.35 | 51.05 | 50.14 | 50.30 | 50.11 |
| 17 | 51.93 | 51.60 | 51.21 | 50.92 | 51.03 | 51.13 | 51.37 | 51.47 | 51.12 | 50.12 | 50.39 | 50.15 |
| 18 | 51.80 | 51.55 | 51.09 | 51.05 | 51.20 | 51.19 | 51.45 | 51.38 | 51.08 | 50.13 | 50.24 | 50.05 |
| 19 | 51.86 | 51.59 | 51.19 | 50.91 | 51.05 | 51.33 | 51.46 | 51.31 | 51.01 | 50.04 | 50.09 | 49.96 |
| 20 | 51.85 | 51.71 | 51.20 | 50.88 | 50.95 | 51.31 | 51.26 | 51.31 | 50.92 | 50.02 | 49.95 | 50.02 |
| 21 | 51.76 | 51.71 | 51.10 | 50.78 | 50.91 | 51.24 | 51.22 | 51.45 | 50.91 | 50.06 | 49.95 | 50.03 |
| 22 | 51.80 | 51.73 | 51.09 | 51.01 | 51.10 | 51.33 | 51.21 | 51.44 | 51.02 | 50.03 | 49.94 | 50.06 |
| 23 | 51.81 | 51.52 | 51.25 | 51.00 | 51.09 | 51.28 | 51.23 | 51.35 | 51.11 | 50.15 | 49.97 | 50.07 |
| 24 | 51.71 | 51.46 | 51.22 | 50.89 | 50.99 | 51.28 | 51.20 | 51.22 | 51.14 | 50.39 | 50.00 | 50.07 |
| 25 | 51.70 | 51.54 | 51.05 | 50.79 | 51.05 | 51.32 | 51.16 | 51.09 | 50.93 | 50.54 | 49.92 | 50.00 |
| 26 | 51.82 | 51.65 | 51.10 | 50.84 | 51.13 | 51.42 | 51.15 | 51.07 | 50.89 | 50.47 | 49.86 | 50.31 |
| 27 | 51.99 | 51.64 | 51.13 | 50.87 | 51.12 | 51.35 | 51.14 | 51.06 | 50.89 | 50.40 | 49.89 | 50.49 |
| 28 | 51.87 | 51.46 | 51.02 | 50.82 | 50.88 | 51.36 | 51.34 | 51.07 | 50.83 | 50.50 | 49.84 | 50.56 |
| 29 | 51.82 | 51.45 | 51.16 | 50.84 | 50.84 | 51.26 | 51.44 | 51.18 | 50.76 | 50.45 | 49.86 | 50.49 |
| 30 | 51.81 | 51.32 | 51.07 | 50.81 | --- | 51.25 | 51.52 | 51.17 | 50.74 | 50.39 | 50.00 | 50.59 |
| 31 | 51.84 | --- | 51.11 | 50.54 | --- | 51.40 | --- | 51.20 | --- | 50.34 | 50.01 | --- |
| Mean | 51.91 | 51.66 | 51.25 | 50.94 | 50.92 | 51.20 | 51.35 | 51.39 | 50.97 | 50.39 | 50.14 | 50.20 |
| Max | 52.17 | 51.92 | 51.62 | 51.14 | 51.20 | 51.42 | 51.59 | 51.68 | 51.20 | 50.78 | 50.40 | 50.59 |
| Min | 51.70 | 51.32 | 51.02 | 50.54 | 50.61 | 50.80 | 51.14 | 51.06 | 50.74 | 50.02 | 49.84 | 49.94 |
| Med | 51.87 | 51.67 | 51.22 | 50.95 | 50.93 | 51.25 | 51.34 | 51.38 | 50.94 | 50.40 | 50.21 | 50.17 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 52.85 | 51.03 |
| Max | 54.10 | 52.17 |
| Min | 51.02 | 49.84 |
| Med | 53.09 | 51.09 |

**404932073055902 Local number S 33380. 1—Continued**



Water-Data Report 2008

# 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.

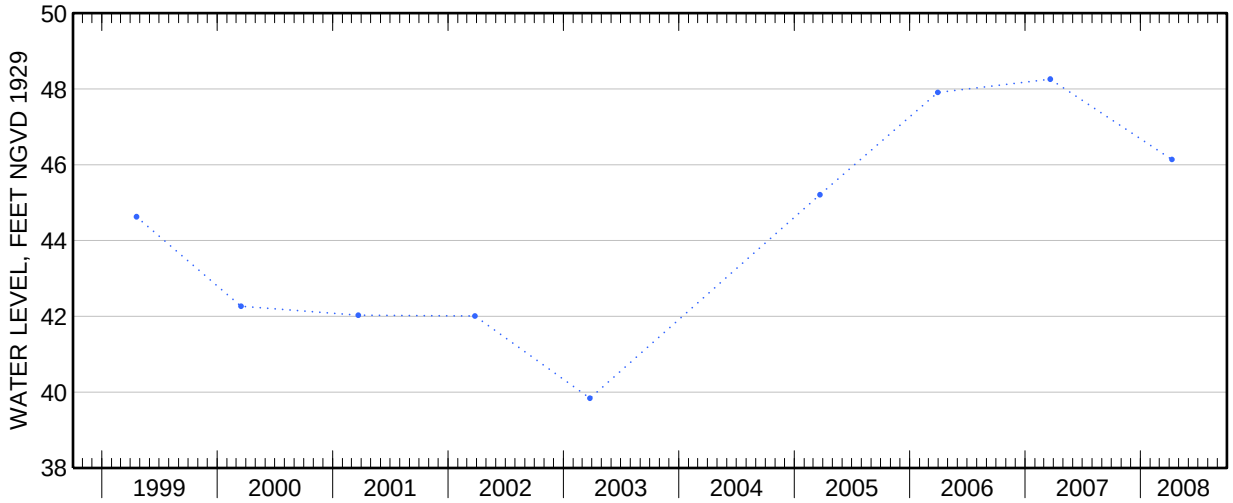
PERIOD OF RECORD.--March 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 46.14 |



Water-Data Report 2008

# 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.

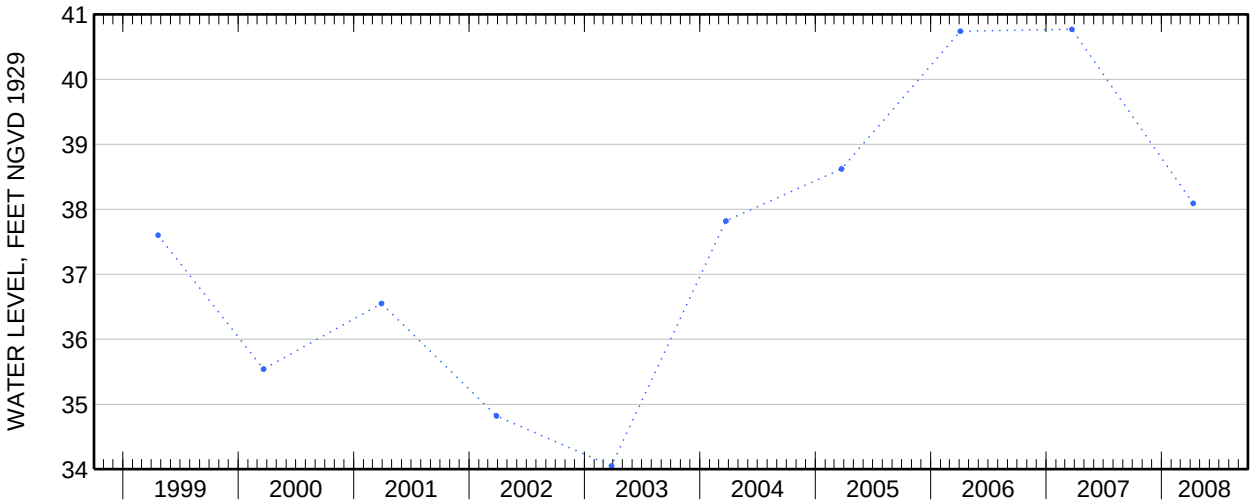
PERIOD OF RECORD.--March 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 10 | 38.09 |



Water-Data Report 2008

# 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.

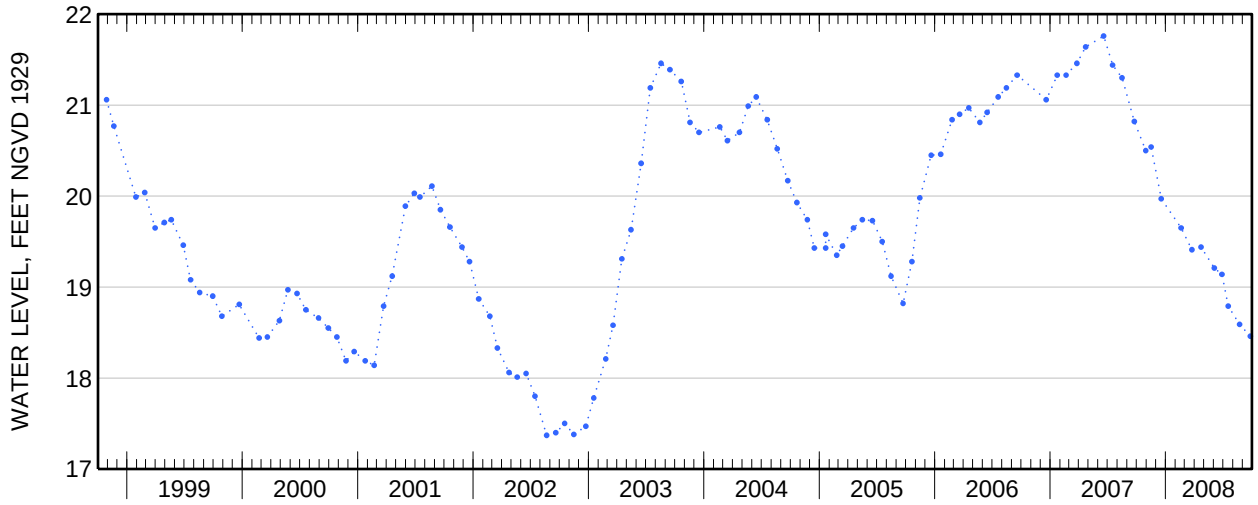
PERIOD OF RECORD.--March 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 20.50 | Jun 3 | 19.21 |
| Nov 16 | 20.54 | 27 | 19.14 |
| Dec 18 | 19.97 | Jul 17 | 18.79 |
| Feb 19 | 19.65 | Aug 22 | 18.59 |
| Mar 24 | 19.41 | Sep 25 | 18.46 |
| Apr 22 | 19.44 | | |



Water-Data Report 2008

# 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 21.86 |

Water-Data Report 2008

# 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.

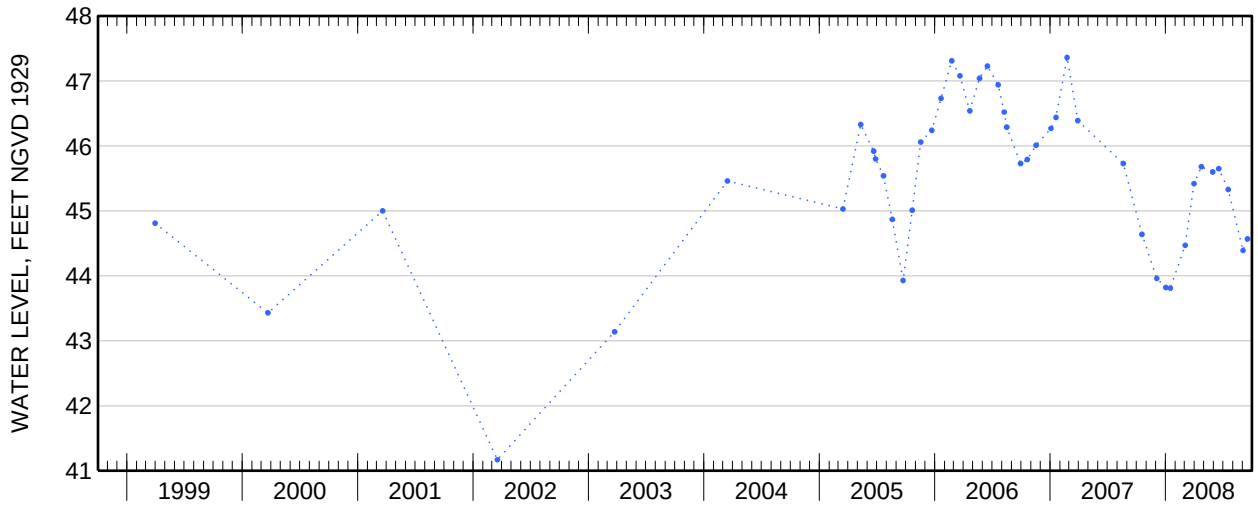
PERIOD OF RECORD.--July 1980 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 44.64 | Apr 23 | 45.68 |
| Dec 4 | 43.96 | May 29 | 45.60 |
| Jan 2 | 43.82 | Jun 17 | 45.65 |
| 16 | 43.81 | Jul 17 | 45.33 |
| Mar 3 | 44.47 | Sep 2 | 44.39 |
| 31 | 45.42 | 16 | 44.57 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

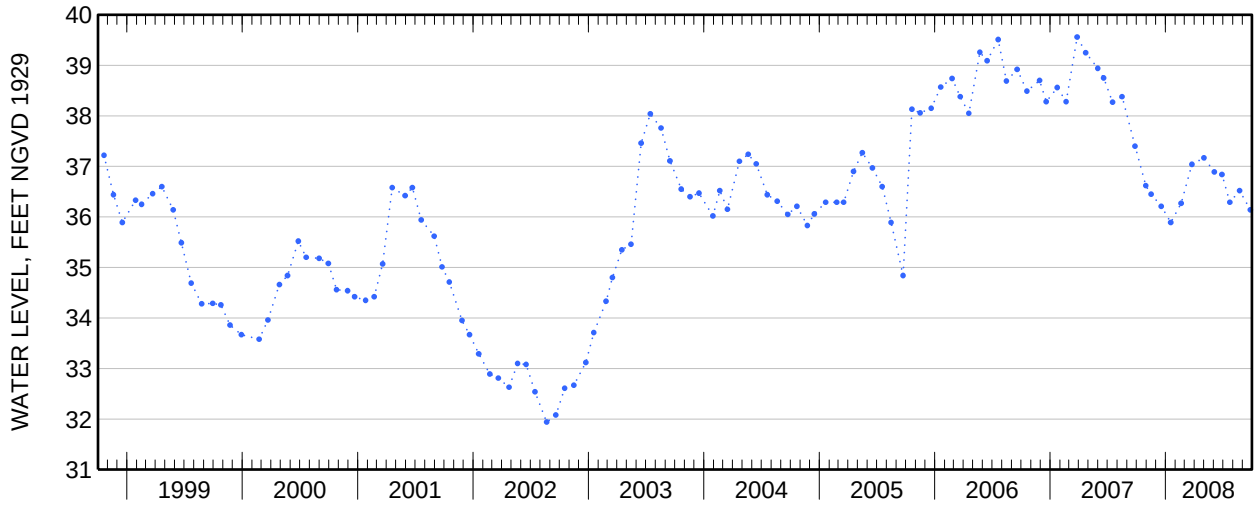
PERIOD OF RECORD.--October 1969 to current year. Unpublished records from October 1969 to September 1977 are available in files of the Geological Survey.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 36.62 | May 1 | 37.17 |
| Nov 16 | 36.45 | Jun 3 | 36.89 |
| Dec 18 | 36.21 | 27 | 36.84 |
| Jan 17 | 35.89 | Jul 22 | 36.29 |
| Feb 19 | 36.27 | Aug 22 | 36.52 |
| Mar 24 | 37.04 | Sep 25 | 36.14 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

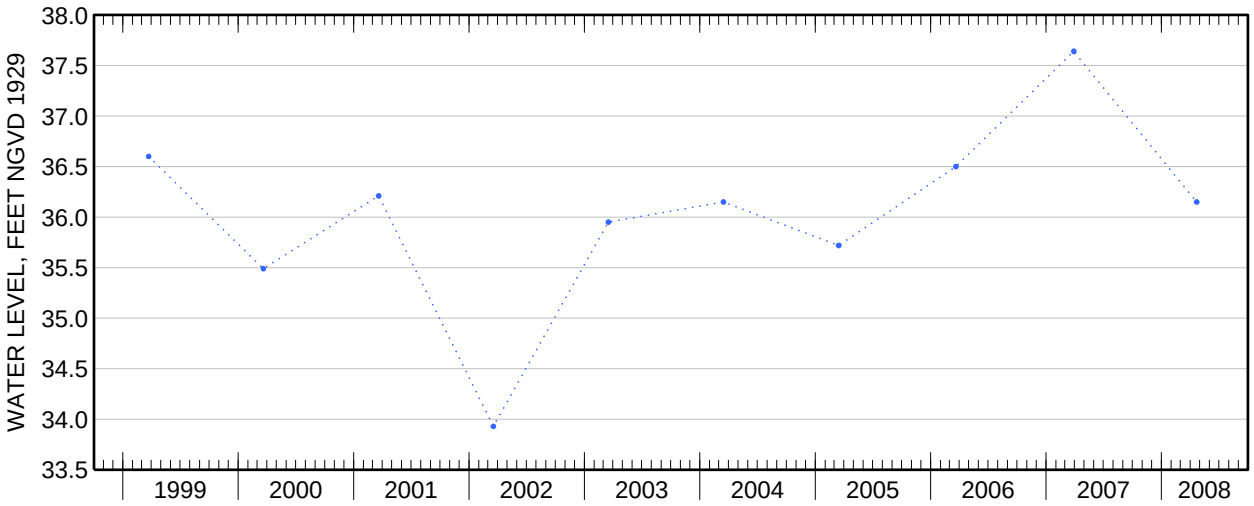
PERIOD OF RECORD.--March 1970 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 36.15 |



Water-Data Report 2008

# 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 21.03 |

Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

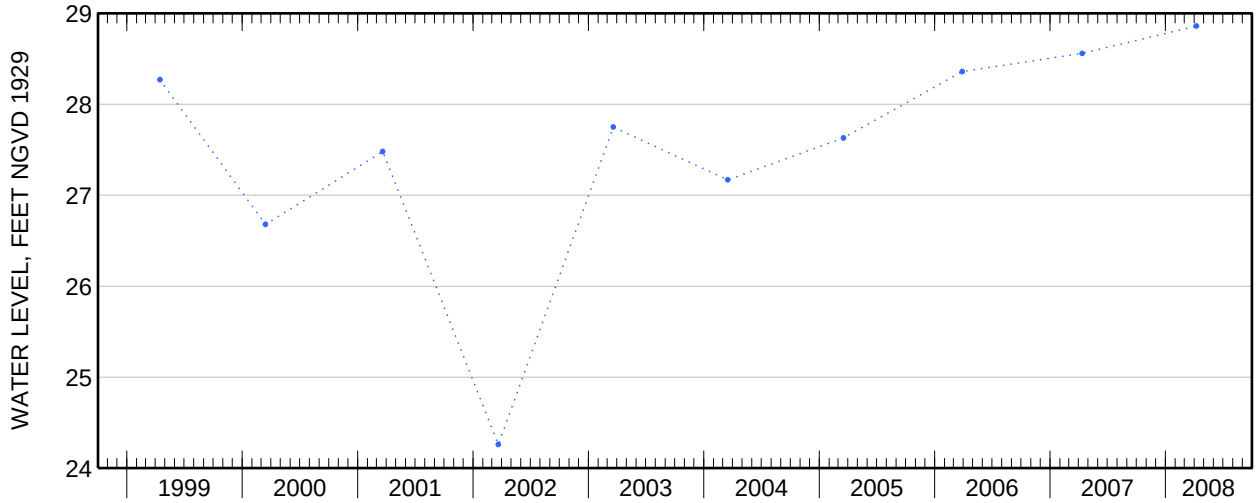
PERIOD OF RECORD.--March 1977 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 28.86 |



Water-Data Report 2008

# 410400072195301 Local number S 38461. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04'01.3", long 72°19'51.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Congdon Road and east side of Ram Island Road, Shelter Island.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.82 ft above land-surface datum.

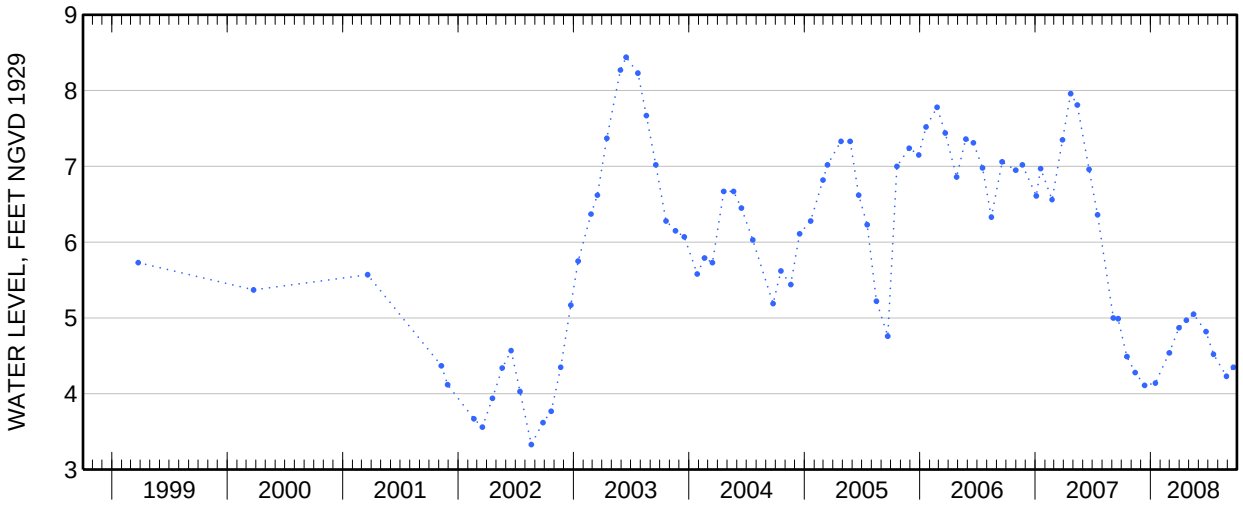
PERIOD OF RECORD.--October 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.44 ft above sea level, June 16, 2003; lowest measured, 2.84 ft above sea level, January 26, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 4.49 | Apr 23 | 4.97 |
| Nov 13 | 4.28 | May 16 | 5.05 |
| Dec 13 | 4.11 | Jun 24 | 4.82 |
| Jan 16 | 4.14 | Jul 18 | 4.52 |
| Feb 29 | 4.54 | Aug 28 | 4.23 |
| Mar 31 | 4.87 | Sep 19 | 4.35 |



Water-Data Report 2008

# 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.

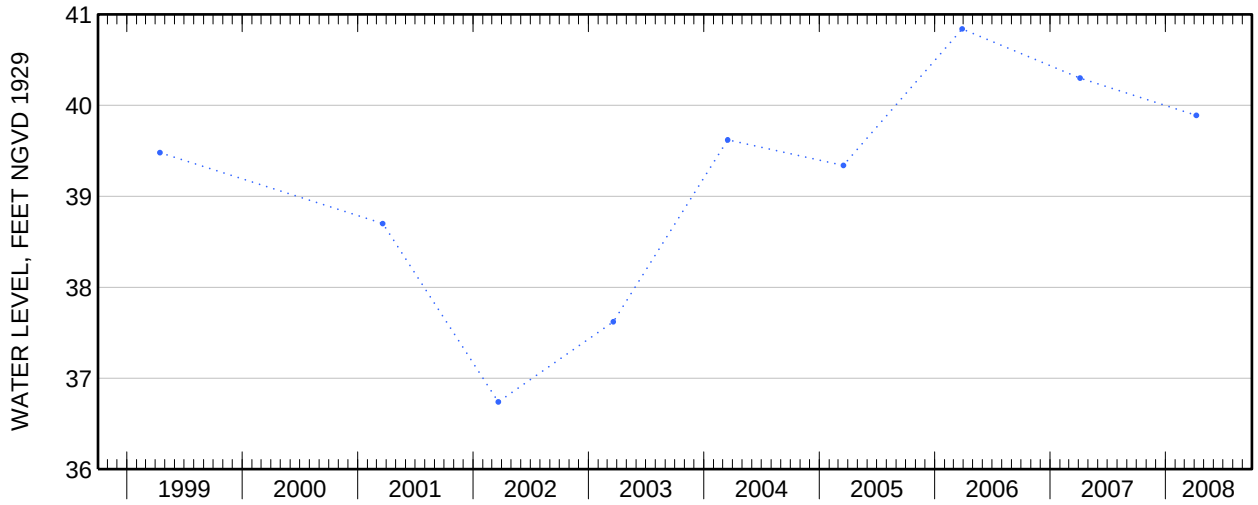
PERIOD OF RECORD.--May 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 39.89 |



Water-Data Report 2008

# 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.

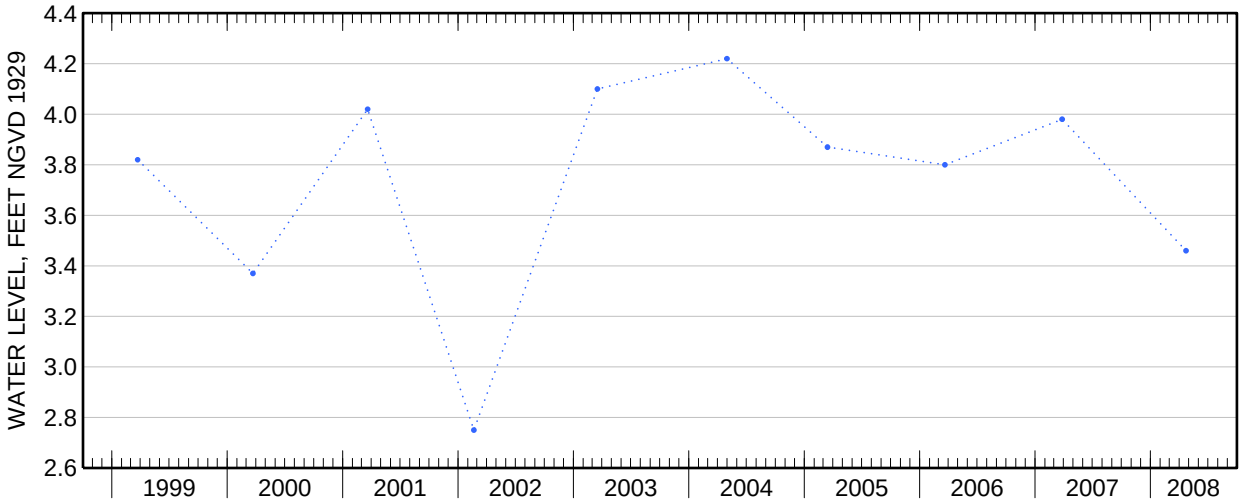
PERIOD OF RECORD.--March 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 3.46 |



Water-Data Report 2008

# 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.

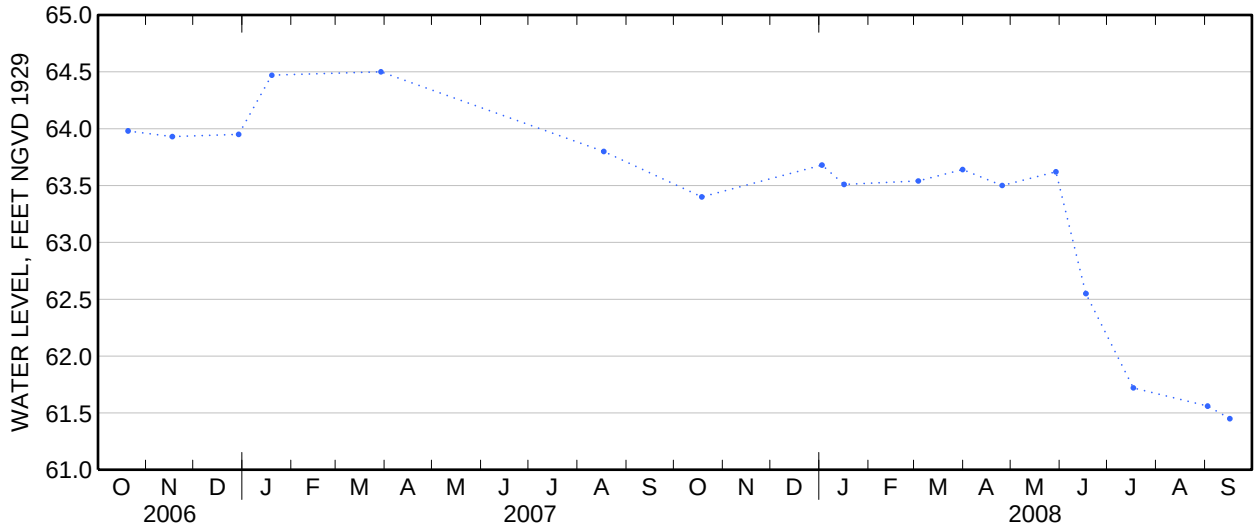
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 63.40 | May 29 | 63.62 |
| Jan 2 | 63.68 | Jun 17 | 62.55 |
| 16 | 63.51 | Jul 17 | 61.72 |
| Mar 3 | 63.54 | Sep 2 | 61.56 |
| 31 | 63.64 | 16 | 61.45 |
| Apr 25 | 63.50 | | |



Water-Data Report 2008

# 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.

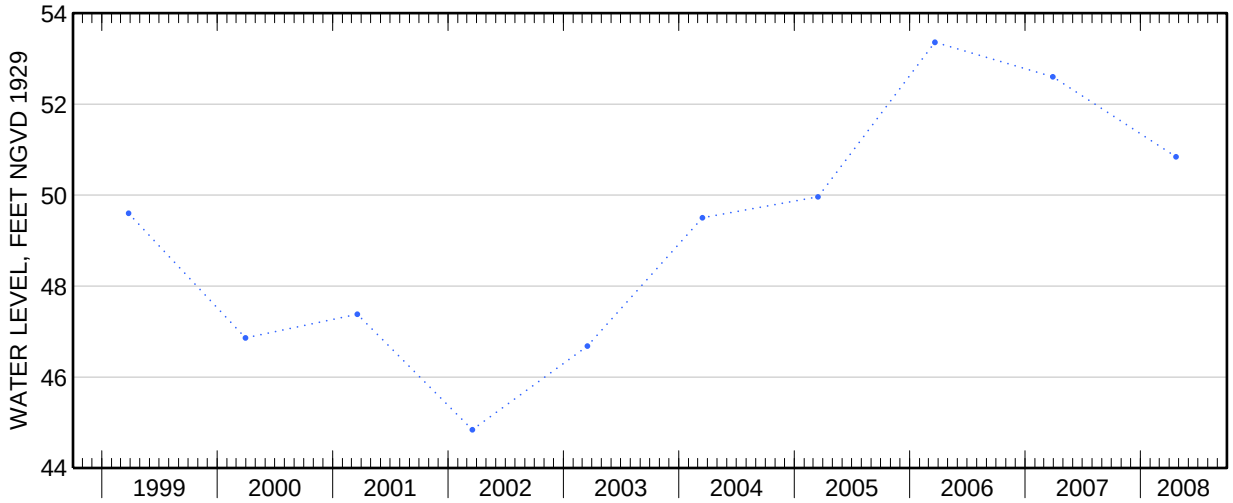
PERIOD OF RECORD.--December 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 50.84 |



Water-Data Report 2008

# 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.

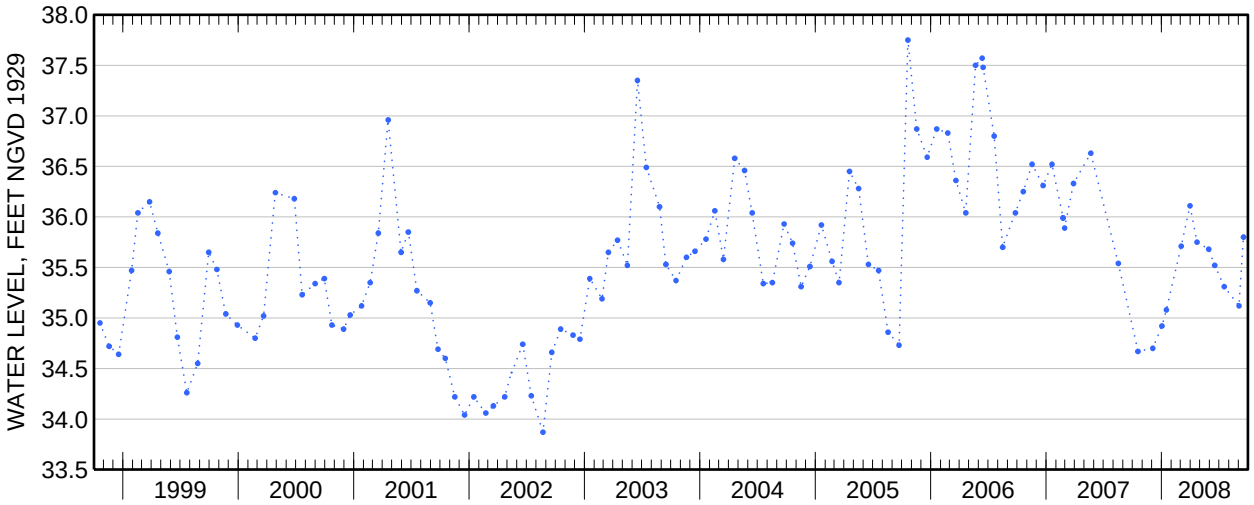
PERIOD OF RECORD.--July 1971 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 34.67 | Apr 22 | 35.75 |
| Dec 4 | 34.70 | May 29 | 35.68 |
| Jan 2 | 34.92 | Jun 17 | 35.52 |
| 16 | 35.08 | Jul 17 | 35.31 |
| Mar 3 | 35.71 | Sep 2 | 35.12 |
| 31 | 36.11 | 16 | 35.80 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

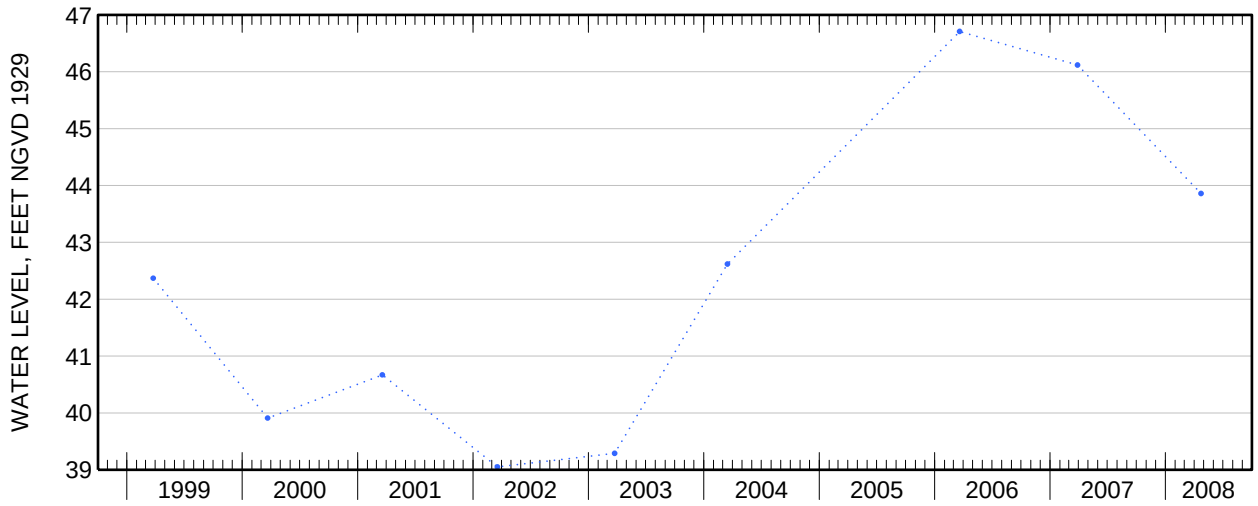
PERIOD OF RECORD.--September 1971 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 43.86 |



Water-Data Report 2008

# 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.

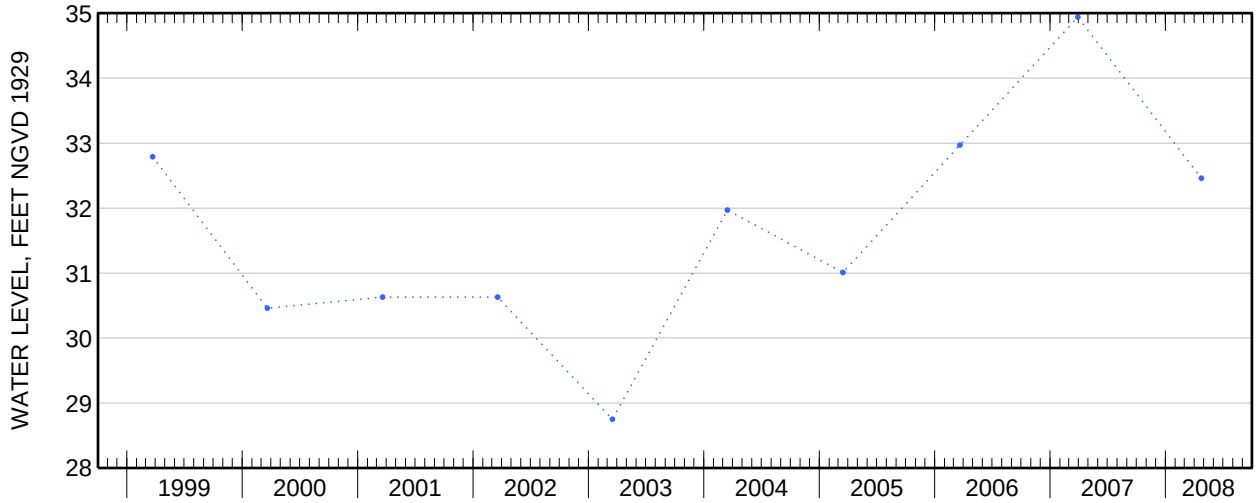
PERIOD OF RECORD.--July 1971 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 32.46 |



Water-Data Report 2008

# 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.

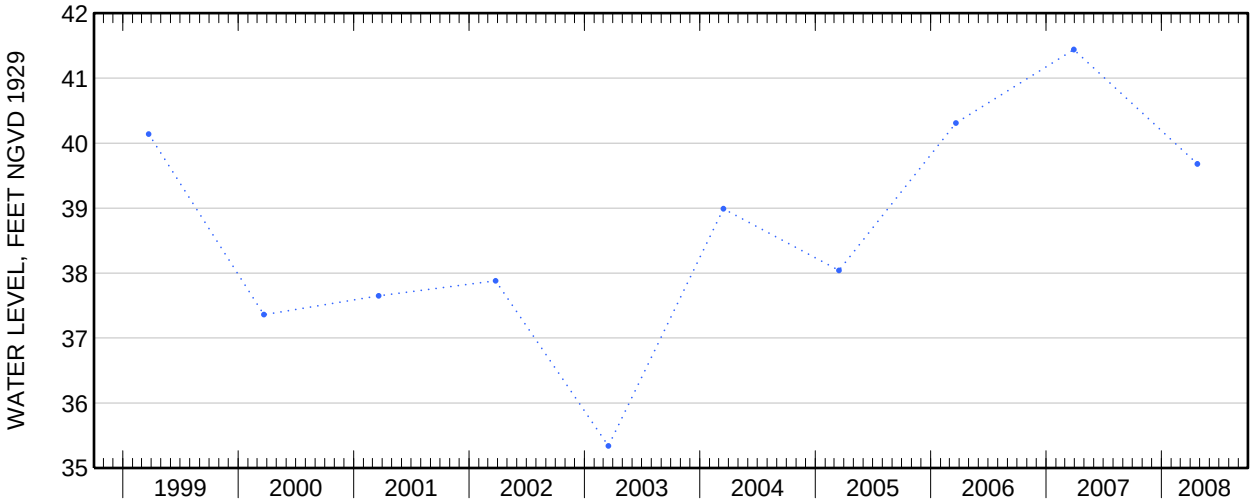
PERIOD OF RECORD.--October 1985 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 39.68 |



Water-Data Report 2008

# 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.

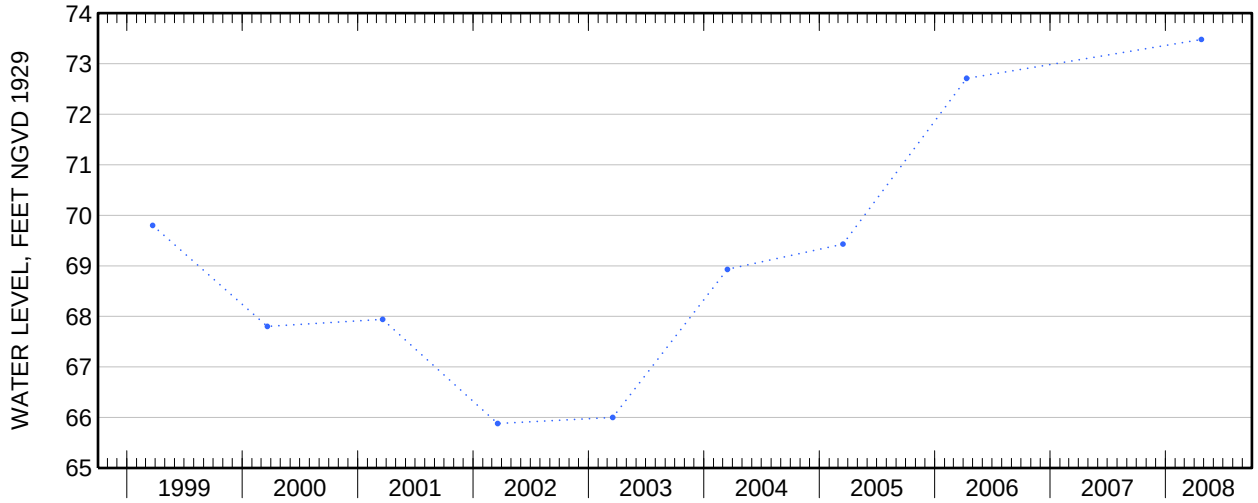
PERIOD OF RECORD.--February 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 73.48 |



Water-Data Report 2008

# 405357073194802 Local number S 42681. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53'54.2", long 73°19'47.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 83.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.19 ft below land-surface datum.

PERIOD OF RECORD.--June 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, 35.58 ft above sea level, March 22, 2006; lowest measured, 28.62 ft above sea level, January 10, 1989.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 25 | 32.94 | May 14 | 33.41 |

Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

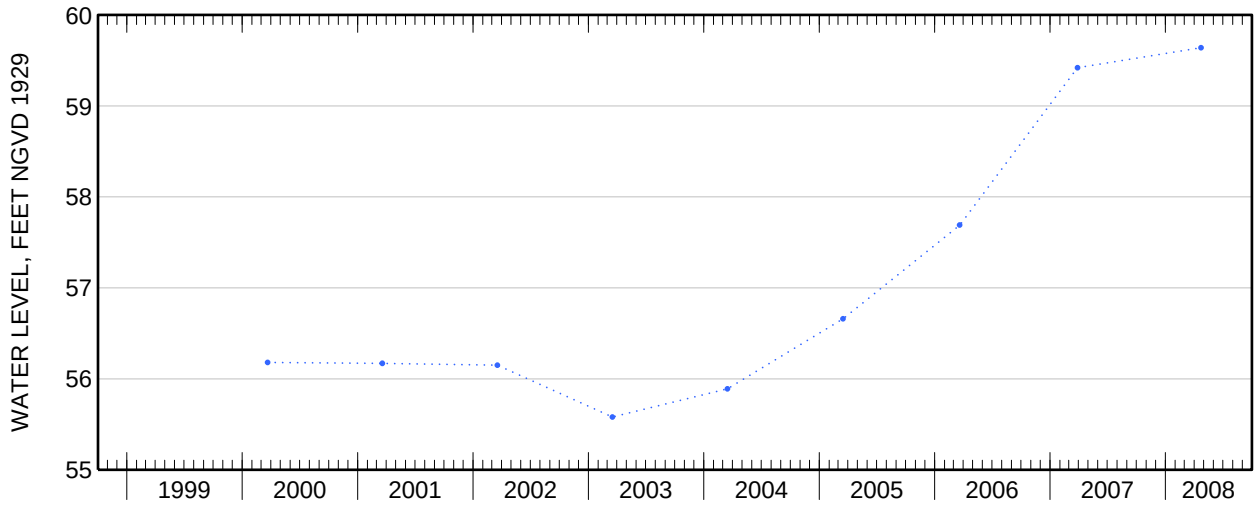
PERIOD OF RECORD.--August 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 59.64 |



Water-Data Report 2008

# 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.

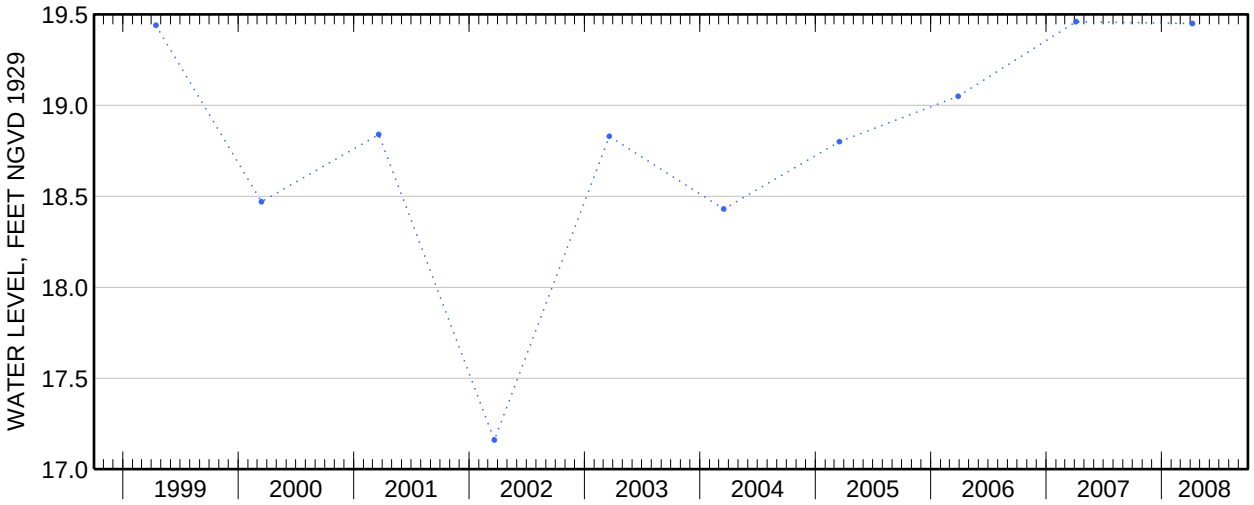
PERIOD OF RECORD.--March 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 19.45 |



Water-Data Report 2008

# 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.

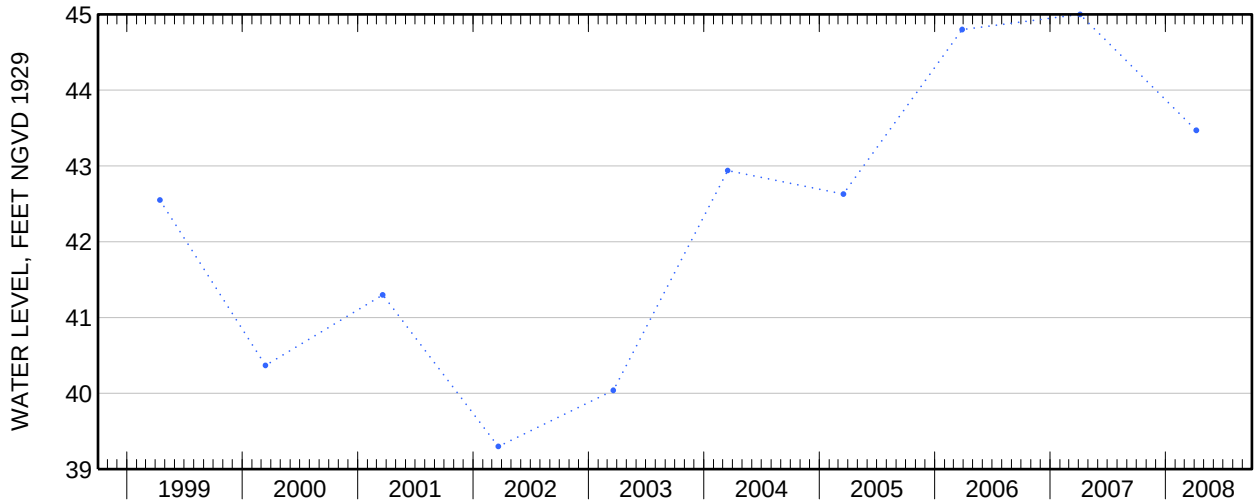
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 43.47 |



Water-Data Report 2008

# 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.

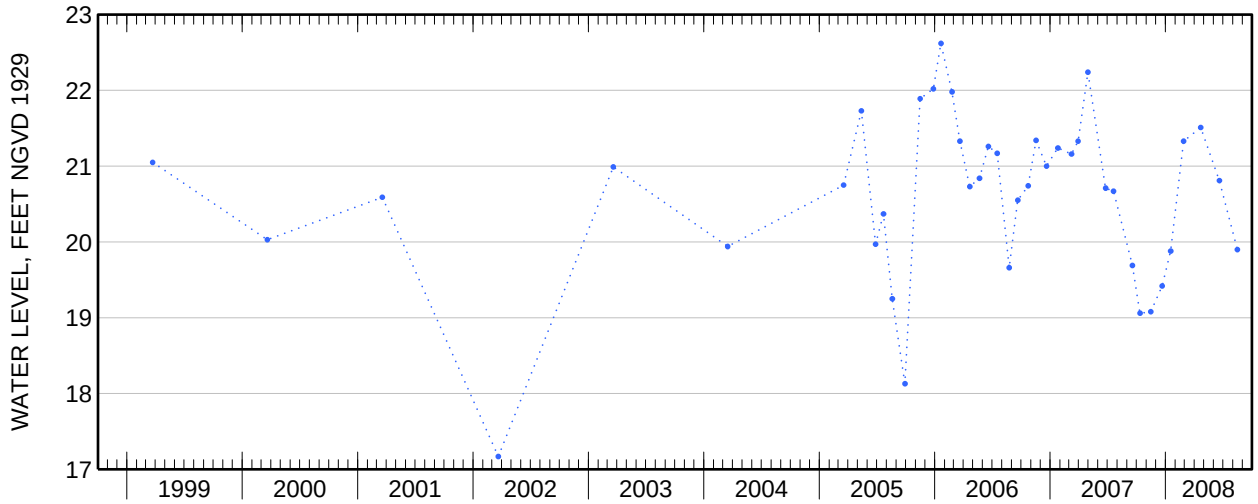
PERIOD OF RECORD.--February 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 19.06 | Feb 27 | 21.33 |
| Nov 15 | 19.08 | Apr 21 | 21.51 |
| Dec 21 | 19.42 | Jun 19 | 20.81 |
| Jan 17 | 19.88 | Aug 15 | 19.90 |



Water-Data Report 2008

# 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.

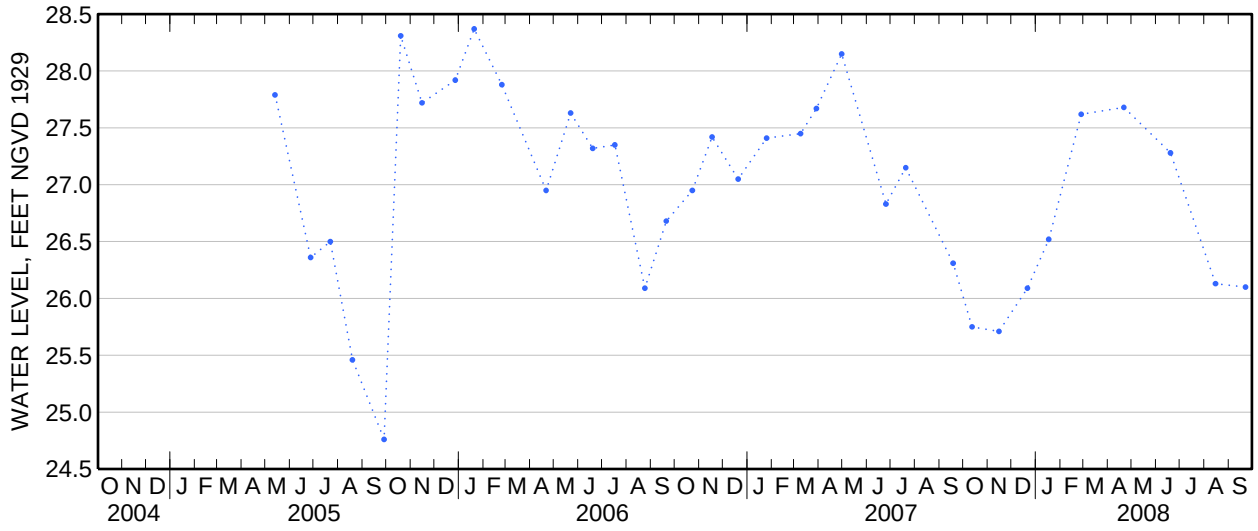
PERIOD OF RECORD.--February 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 25.75 | Apr 21 | 27.68 |
| Nov 15 | 25.71 | Jun 19 | 27.28 |
| Dec 21 | 26.09 | Aug 15 | 26.13 |
| Jan 17 | 26.52 | Sep 22 | 26.10 |
| Feb 27 | 27.62 | | |



Water-Data Report 2008

# 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.

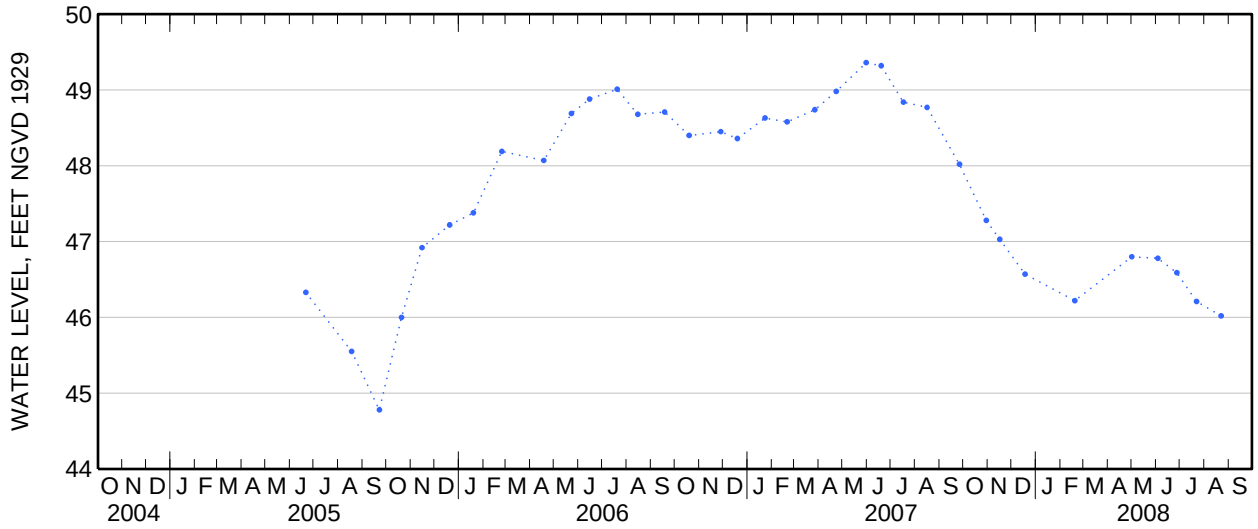
PERIOD OF RECORD.--February 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 47.28 | Jun 3 | 46.78 |
| Nov 16 | 47.03 | 27 | 46.59 |
| Dec 18 | 46.57 | Jul 22 | 46.21 |
| Feb 19 | 46.22 | Aug 22 | 46.02 |
| May 1 | 46.80 | | |



Water-Data Report 2008

# 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.

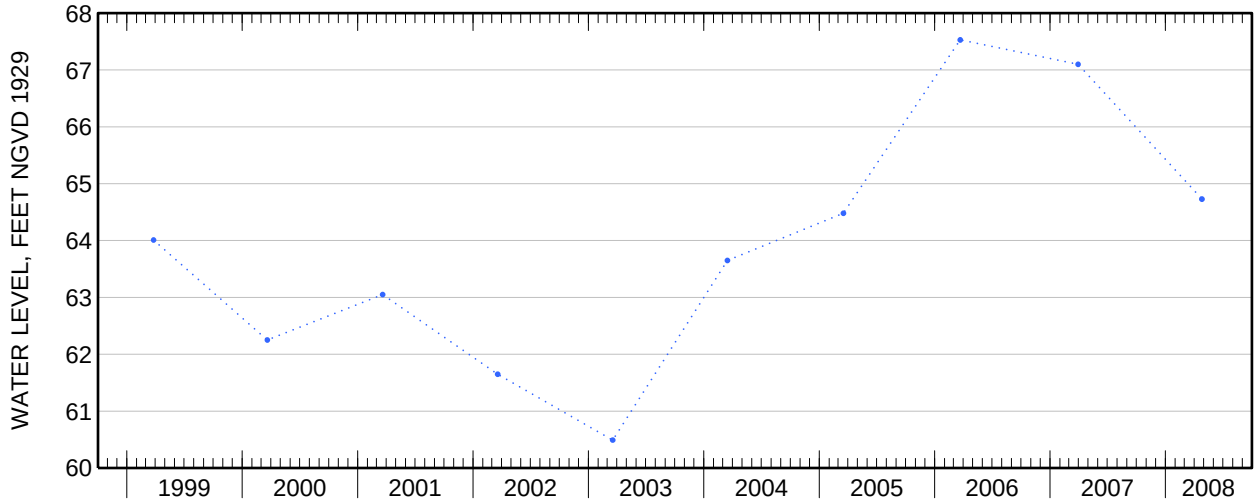
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 64.73 |



Water-Data Report 2008

# 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.

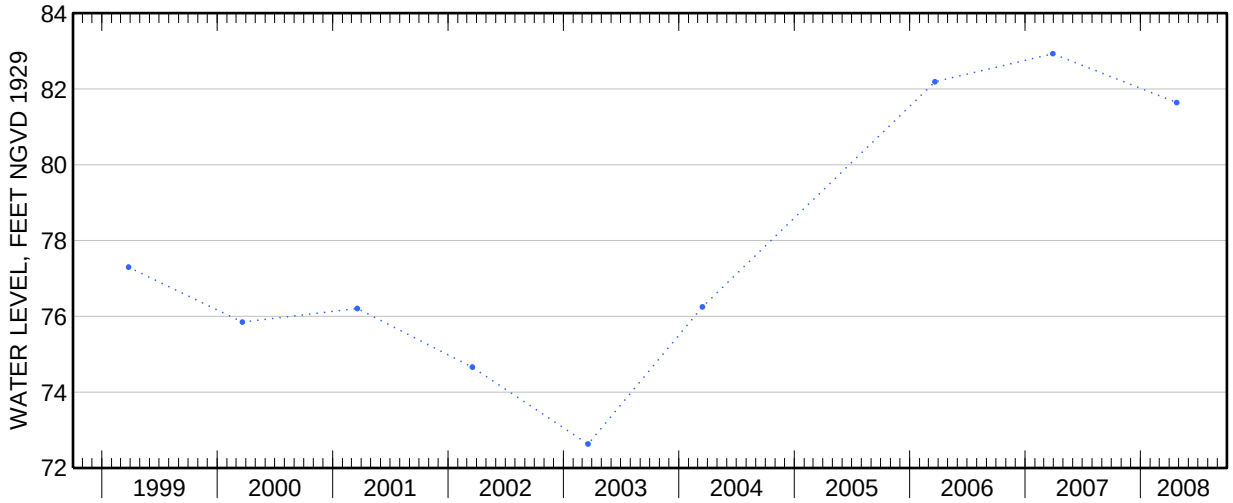
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 81.64 |



Water-Data Report 2008

# 404945073174501 Local number S 45210. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°49'42.1", long 73°17'55.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 109 ft. Upper casing diameter 6 in; top of first opening 97 ft, bottom of last opening 107 ft.

DATUM.--Land-surface datum is 130.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.93 ft below land-surface datum.

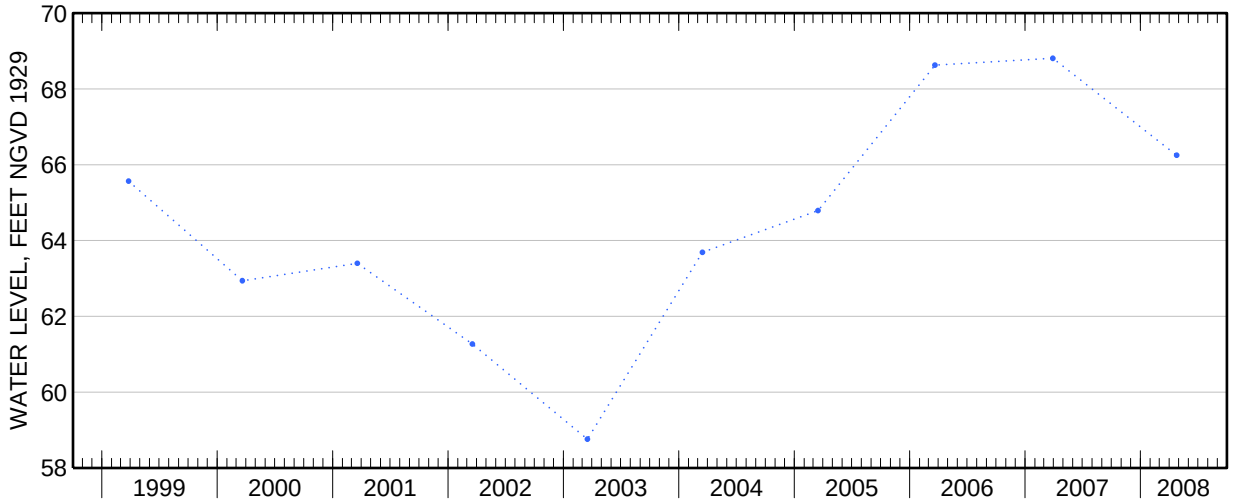
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 69.74 ft above sea level, March 21, 1991; lowest measured, 58.76 ft above sea level, March 17, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 66.25 |



Water-Data Report 2008

# 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.

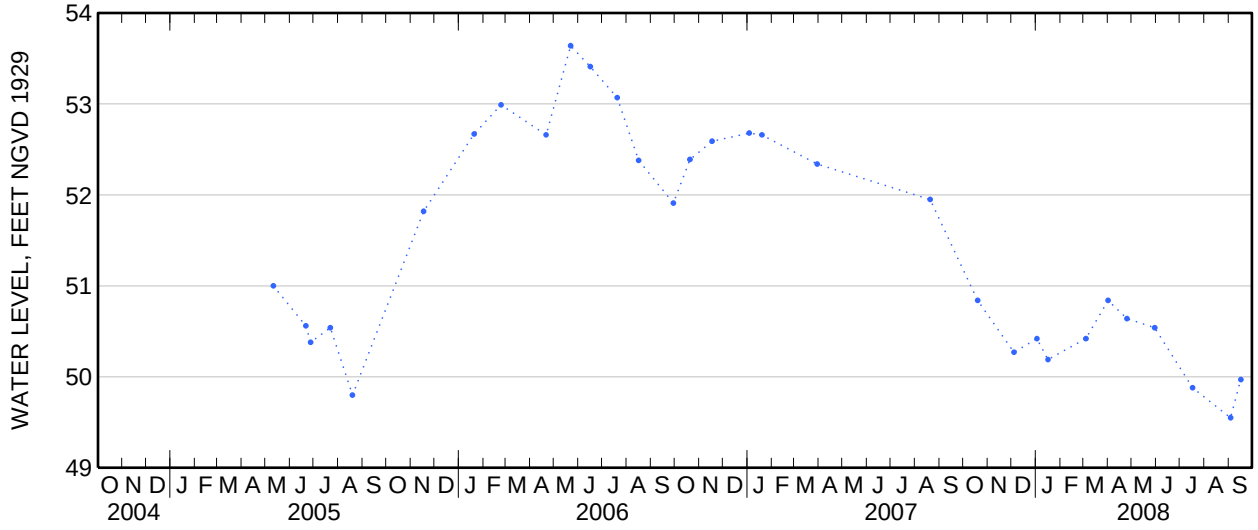
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 19 | 50.84 | Apr 25 | 50.64 |
| Dec 4 | 50.27 | May 30 | 50.54 |
| Jan 2 | 50.42 | Jul 17 | 49.88 |
| 16 | 50.19 | Sep 3 | 49.55 |
| Mar 4 | 50.42 | 16 | 49.97 |
| Apr 1 | 50.84 | | |



Water-Data Report 2008

# 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.

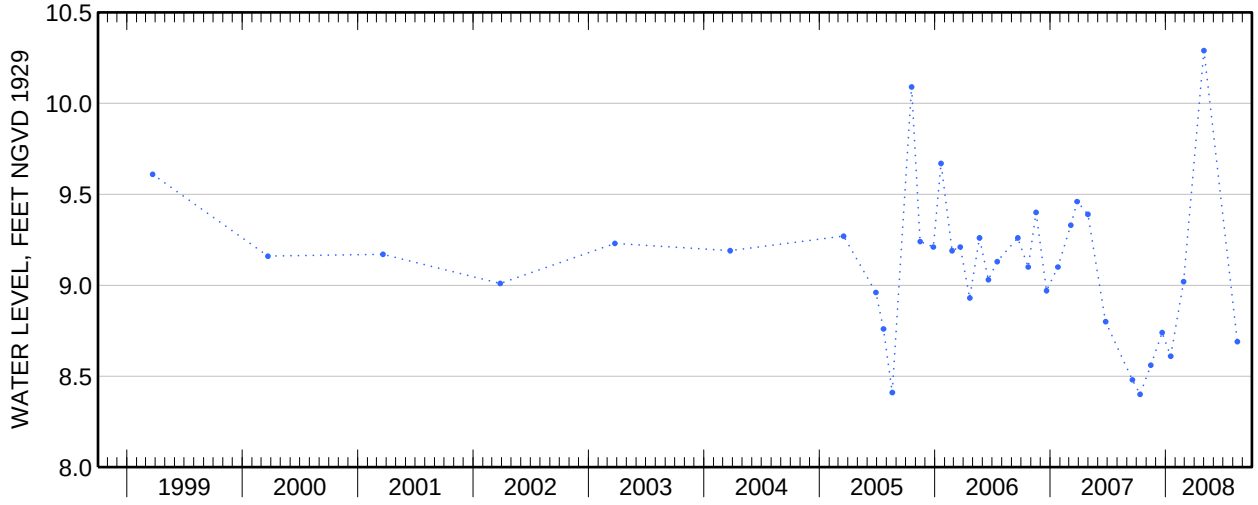
PERIOD OF RECORD.--June 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 8.40 | Feb 27 | 9.02 |
| Nov 15 | 8.56 | May 1 | 10.29 |
| Dec 21 | 8.74 | Aug 15 | 8.69 |
| Jan 17 | 8.61 | | |



Water-Data Report 2008

# 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.

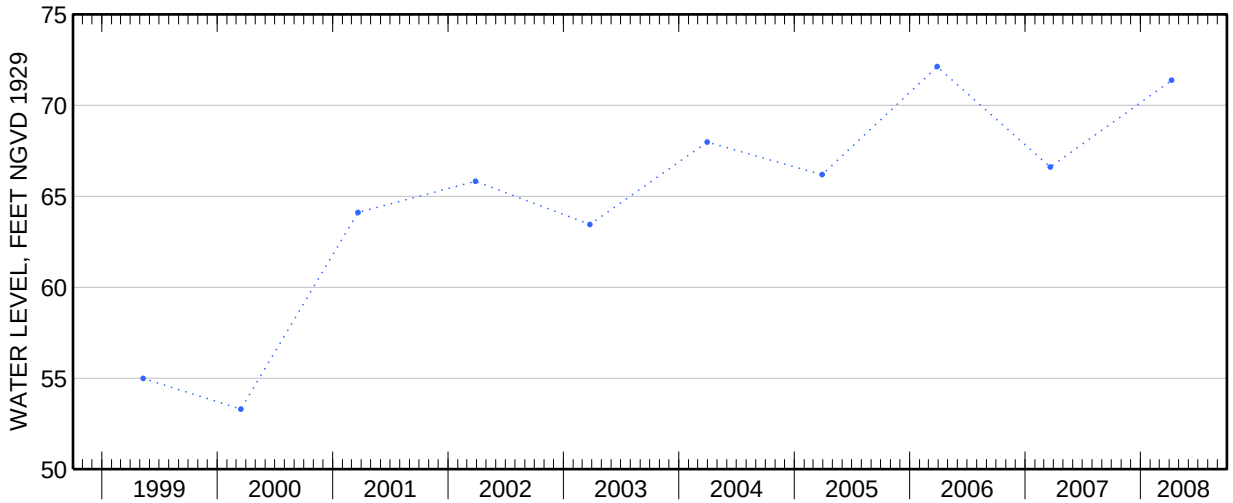
PERIOD OF RECORD.--March 1976 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 8 | 71.38 |



Water-Data Report 2008

# 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.

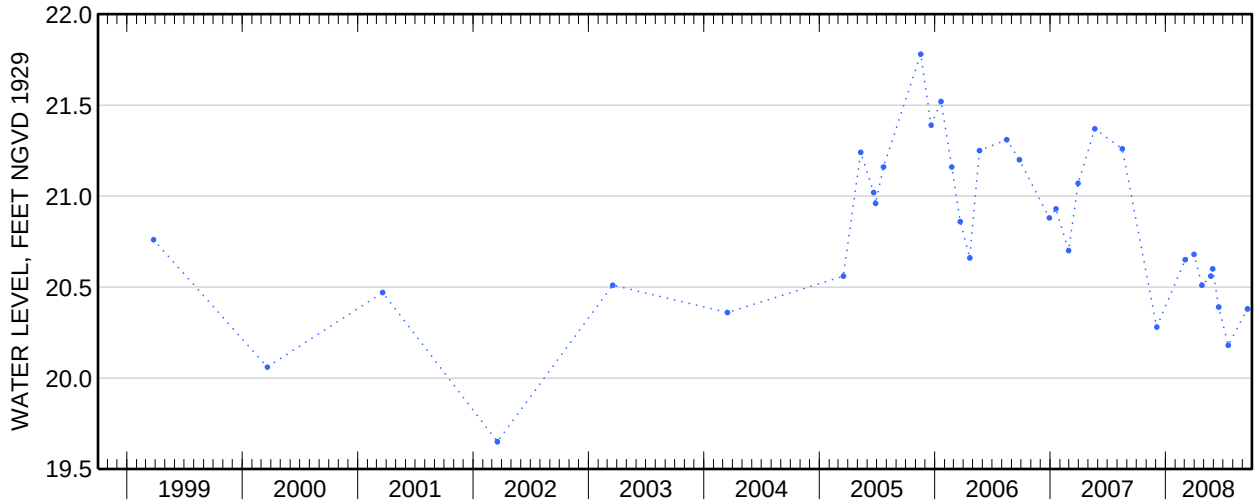
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Dec 4 | 20.28 | May 29 | 20.60 |
| Mar 3 | 20.65 | Jun 17 | 20.39 |
| 31 | 20.68 | Jul 17 | 20.18 |
| Apr 25 | 20.51 | Sep 16 | 20.38 |
| May 23 | 20.56 | | |



Water-Data Report 2008

# 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.

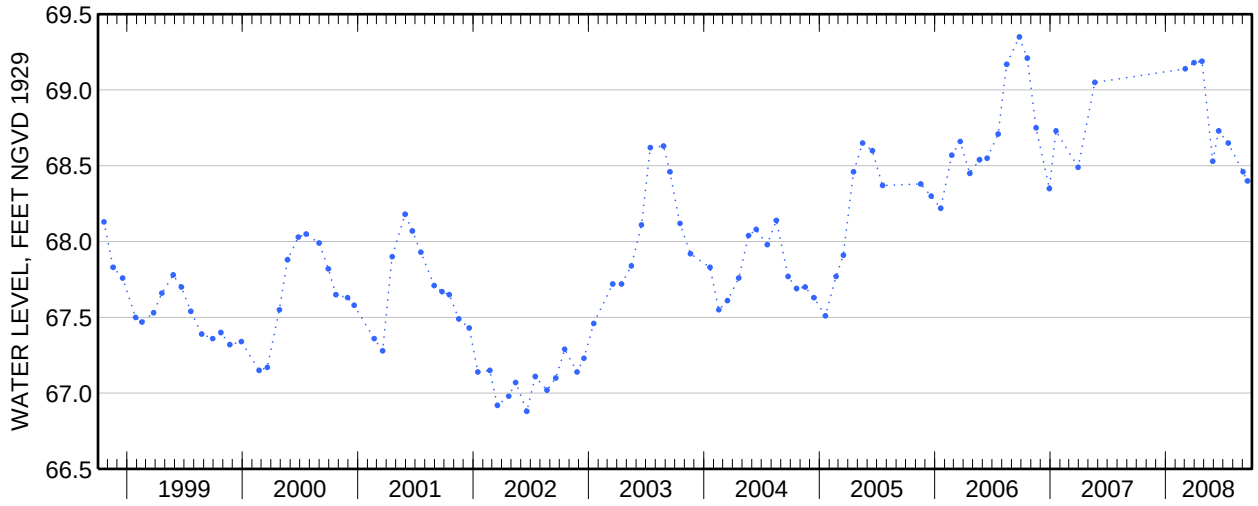
PERIOD OF RECORD.--September 1979 to current year. Unpublished records from September 1979 to September 1982 are available in files of the Geological Survey.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Mar 3 | 69.14 | Jun 17 | 68.73 |
| 31 | 69.18 | Jul 17 | 68.65 |
| Apr 25 | 69.19 | Sep 2 | 68.46 |
| May 29 | 68.53 | 16 | 68.40 |



Water-Data Report 2008

# 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.

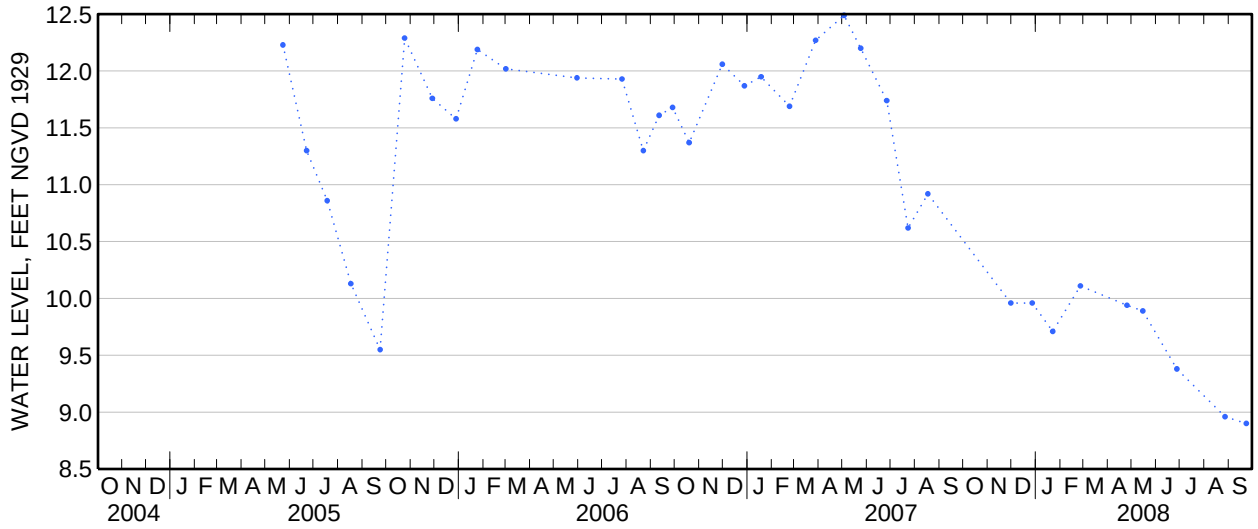
PERIOD OF RECORD.--November 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 9.96 | May 15 | 9.89 |
| Dec 27 | 9.96 | Jun 27 | 9.38 |
| Jan 22 | 9.71 | Aug 27 | 8.96 |
| Feb 26 | 10.11 | Sep 23 | 8.90 |
| Apr 25 | 9.94 | | |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined.

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.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 5 | 11.98 |

Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

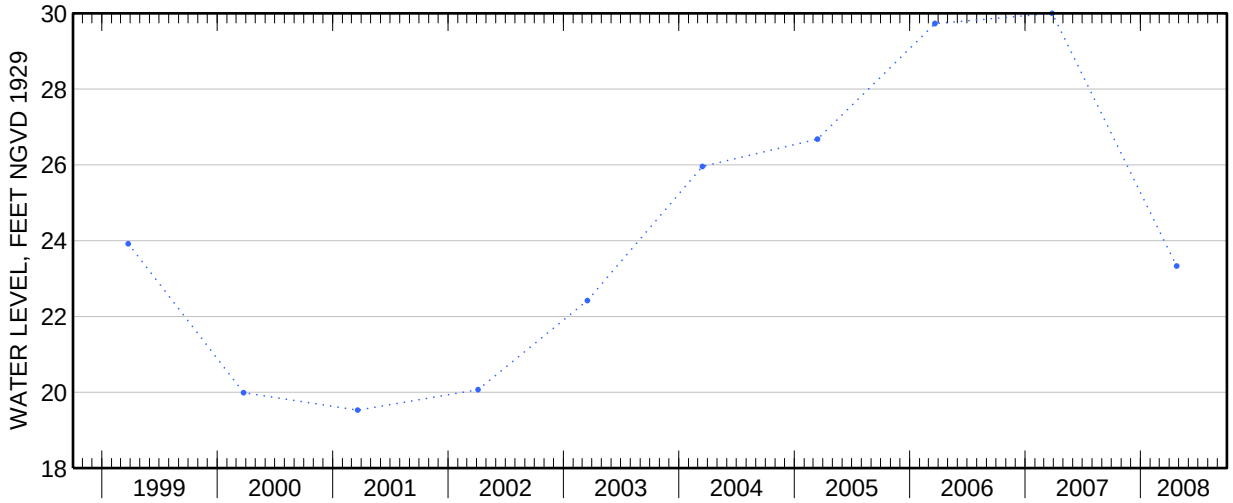
PERIOD OF RECORD.--November 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 23.33 |



Water-Data Report 2008

# 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.

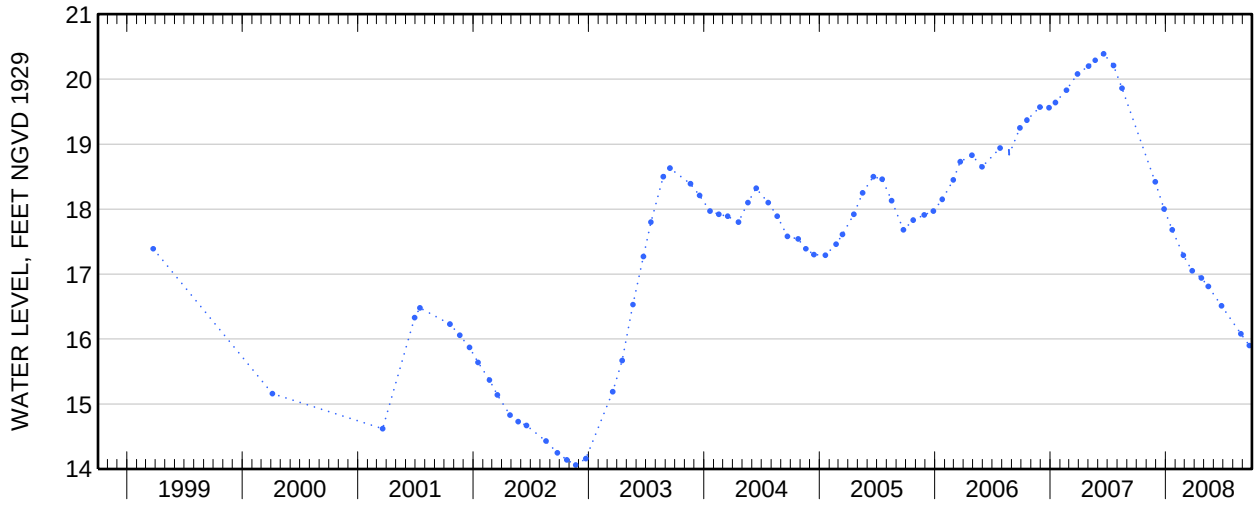
PERIOD OF RECORD.--March 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 18.42 | Apr 23 | 16.94 |
| Dec 27 | 18.00 | May 15 | 16.81 |
| Jan 22 | 17.68 | Jun 26 | 16.51 |
| Feb 26 | 17.29 | Aug 26 | 16.08 |
| Mar 25 | 17.05 | Sep 22 | 15.90 |



Water-Data Report 2008

# 405418072233800 Local number S 46530. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°54′18″, long 72°23′38″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 2 in; top of first opening 38 ft, bottom of last opening 42 ft.

DATUM.--Land-surface datum is 36.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.05 ft below land-surface datum.

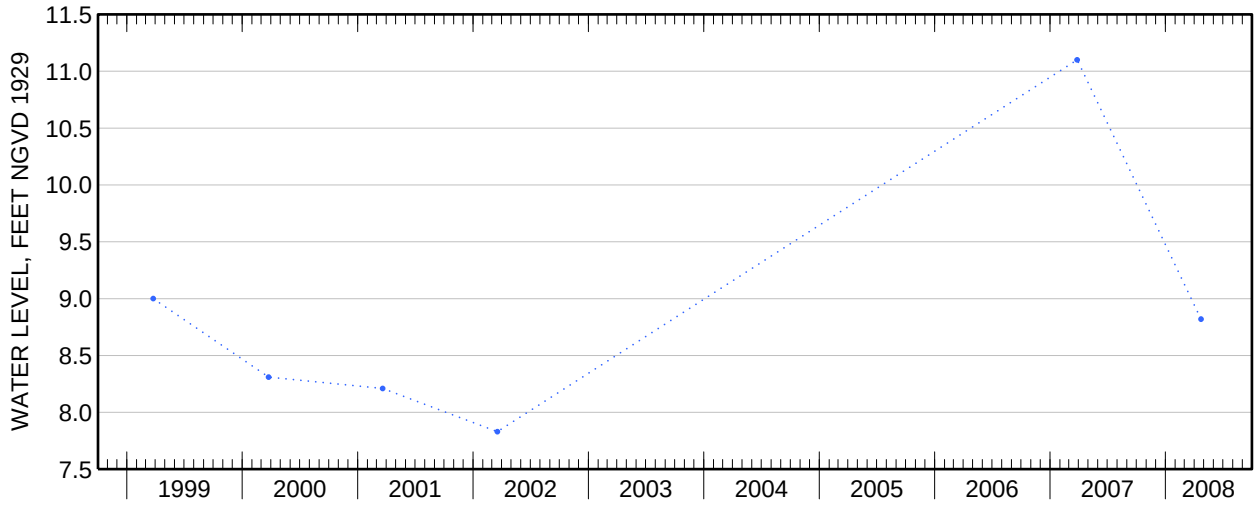
PERIOD OF RECORD.--November 1972 to November 1973, April 1977 to April 1987, March 1990 to March 2002, and March 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.51 ft above sea level, June 21, 1984; lowest measured, 6.53 ft above sea level, September 18, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 8.82 |



Water-Data Report 2008

# 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.

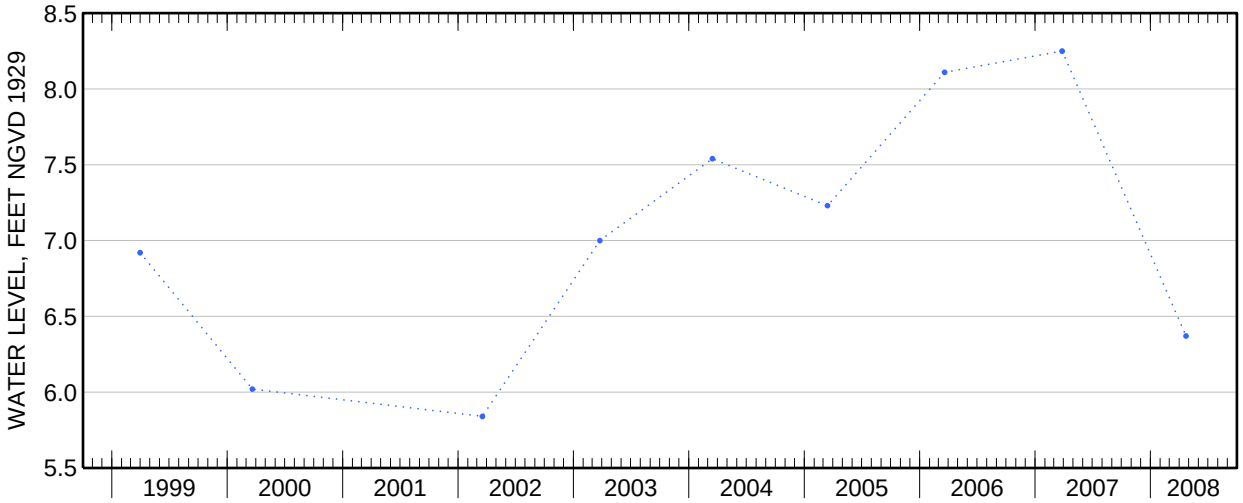
PERIOD OF RECORD.--December 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 6.37 |



Water-Data Report 2008

# 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.

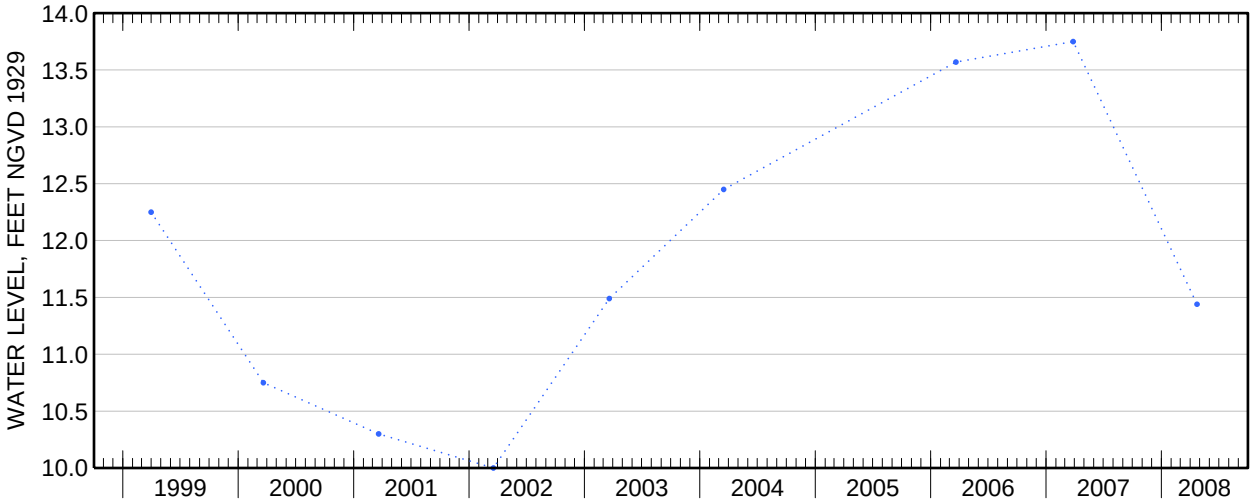
PERIOD OF RECORD.--January 1973 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 11.44 |



Water-Data Report 2008

# 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 Spinny 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.

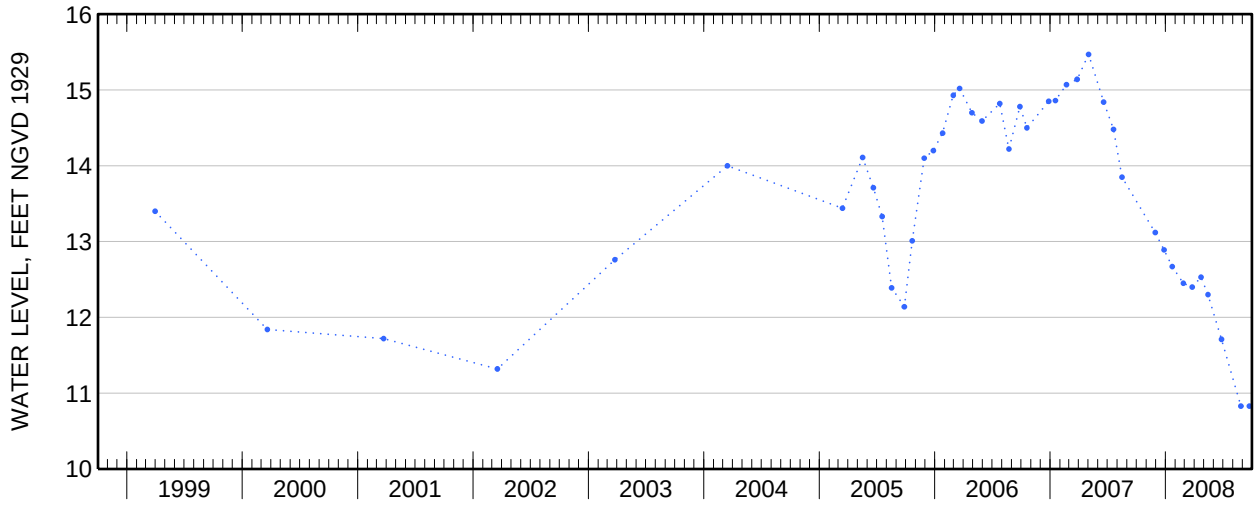
PERIOD OF RECORD.--December 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 13.12 | Apr 22 | 12.53 |
| Dec 27 | 12.89 | May 14 | 12.30 |
| Jan 22 | 12.67 | Jun 26 | 11.71 |
| Feb 26 | 12.45 | Aug 26 | 10.83 |
| Mar 25 | 12.40 | Sep 22 | 10.83 |



Water-Data Report 2008

# 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.

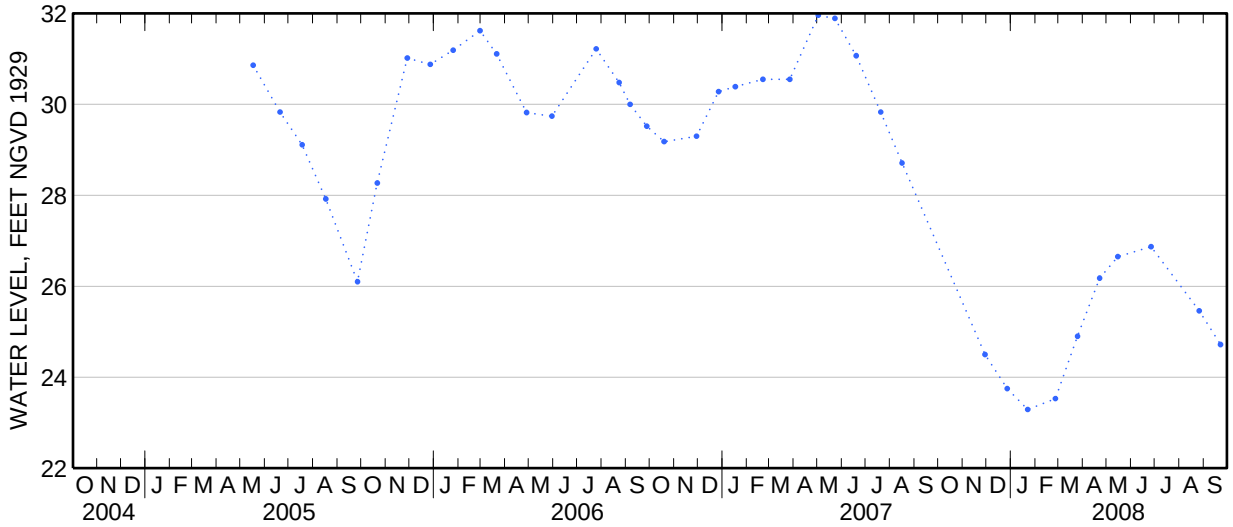
PERIOD OF RECORD.--December 1972 to September 1985, March 1987 to March 2002, and May 2005 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 24.50 | Apr 22 | 26.18 |
| Dec 27 | 23.75 | May 15 | 26.65 |
| Jan 22 | 23.29 | Jun 26 | 26.87 |
| Feb 26 | 23.53 | Aug 26 | 25.46 |
| Mar 25 | 24.90 | Sep 22 | 24.72 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 26.97 |

Water-Data Report 2008

# 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.

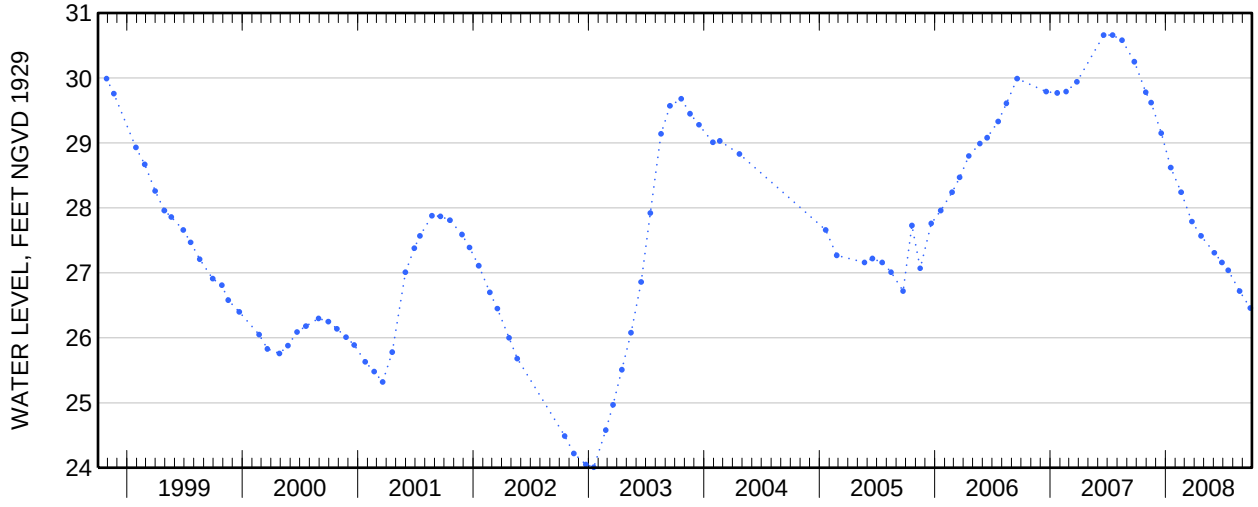
PERIOD OF RECORD.--December 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 29.78 | Apr 22 | 27.57 |
| Nov 16 | 29.62 | Jun 3 | 27.31 |
| Dec 18 | 29.15 | 27 | 27.16 |
| Jan 17 | 28.62 | Jul 17 | 27.04 |
| Feb 19 | 28.24 | Aug 22 | 26.72 |
| Mar 24 | 27.79 | Sep 25 | 26.46 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

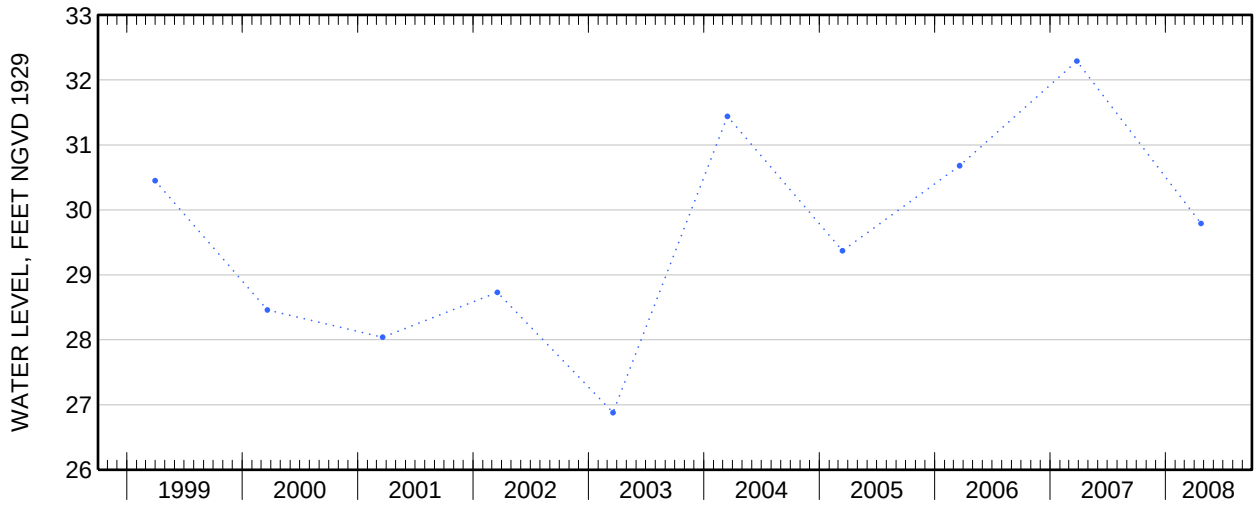
PERIOD OF RECORD.--December 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 29.79 |



Water-Data Report 2008

# 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.

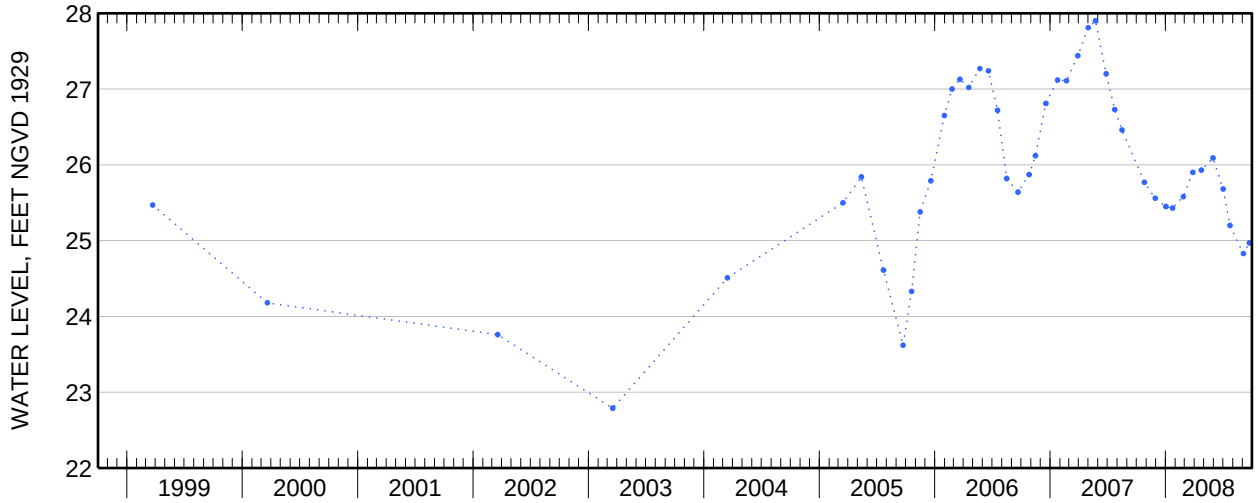
PERIOD OF RECORD.--December 1972 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 25.77 | Apr 23 | 25.93 |
| Nov 29 | 25.56 | May 30 | 26.09 |
| Jan 2 | 25.45 | Jul 1 | 25.68 |
| 23 | 25.43 | 23 | 25.20 |
| Feb 26 | 25.58 | Sep 3 | 24.83 |
| Mar 27 | 25.90 | 22 | 24.97 |



Water-Data Report 2008

# 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.

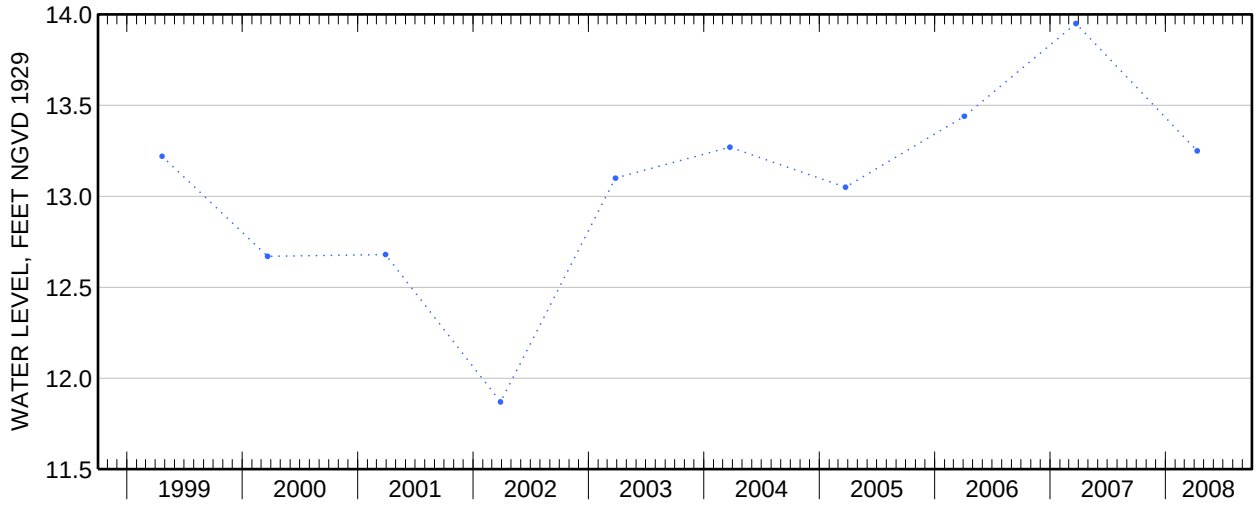
PERIOD OF RECORD.--March 1977 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 10 | 13.25 |



Water-Data Report 2008

# 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.

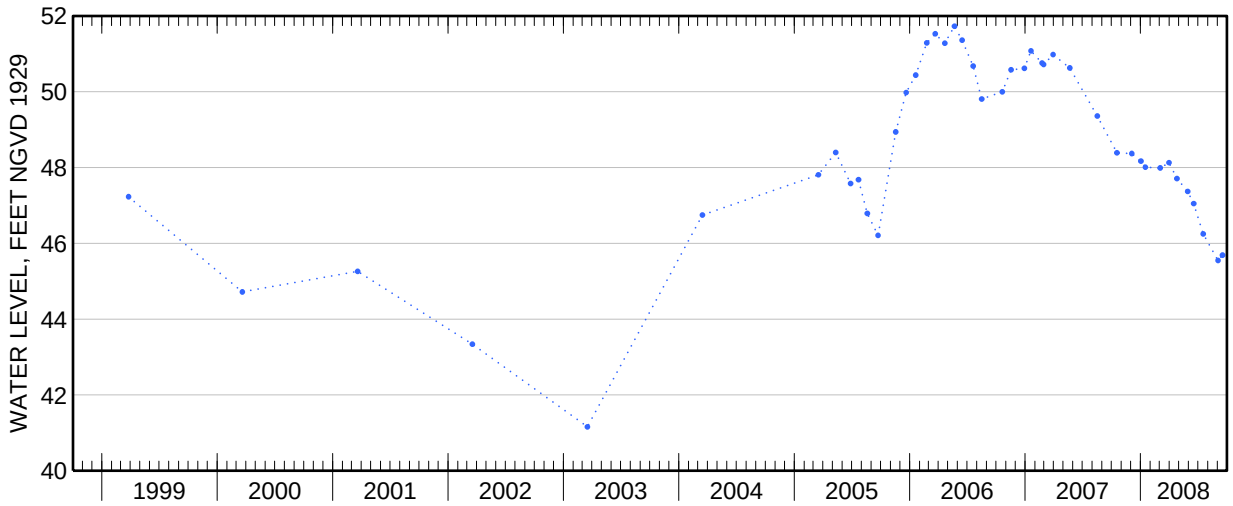
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 48.39 | Apr 25 | 47.71 |
| Dec 4 | 48.37 | May 29 | 47.37 |
| Jan 2 | 48.17 | Jun 17 | 47.05 |
| 16 | 48.01 | Jul 17 | 46.25 |
| Mar 3 | 47.99 | Sep 2 | 45.55 |
| 31 | 48.13 | 16 | 45.69 |



Water-Data Report 2008

# 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.

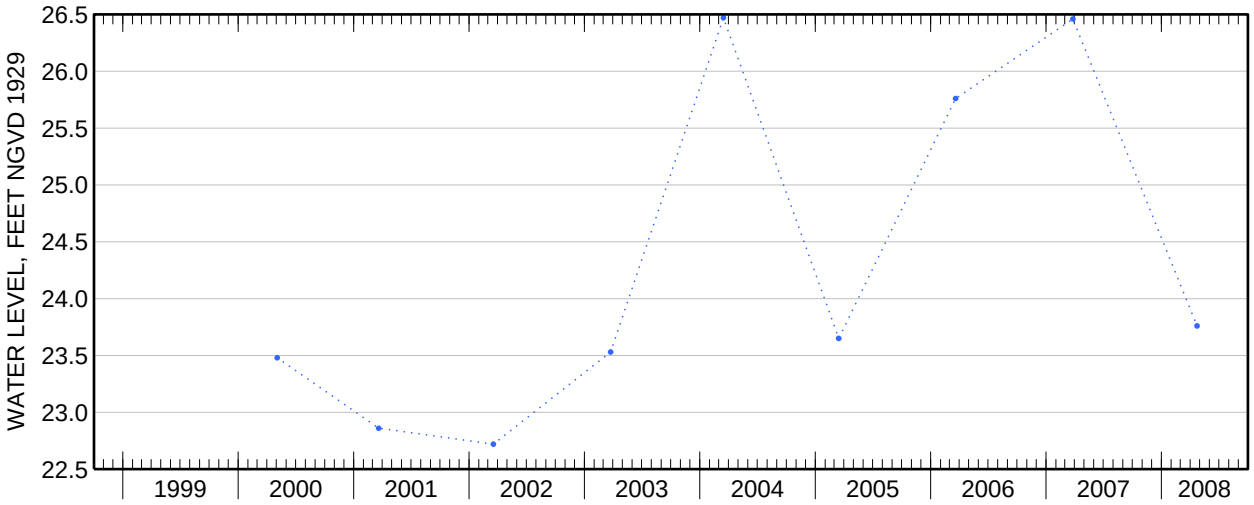
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 23.76 |



Water-Data Report 2008

# 405417072402300 Local number S 47230. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°54′17″, long 72°40′23″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 6 in; top of first opening 20 ft, bottom of last opening 32 ft.

DATUM.--Land-surface datum is 22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 3.32 ft above land-surface datum.

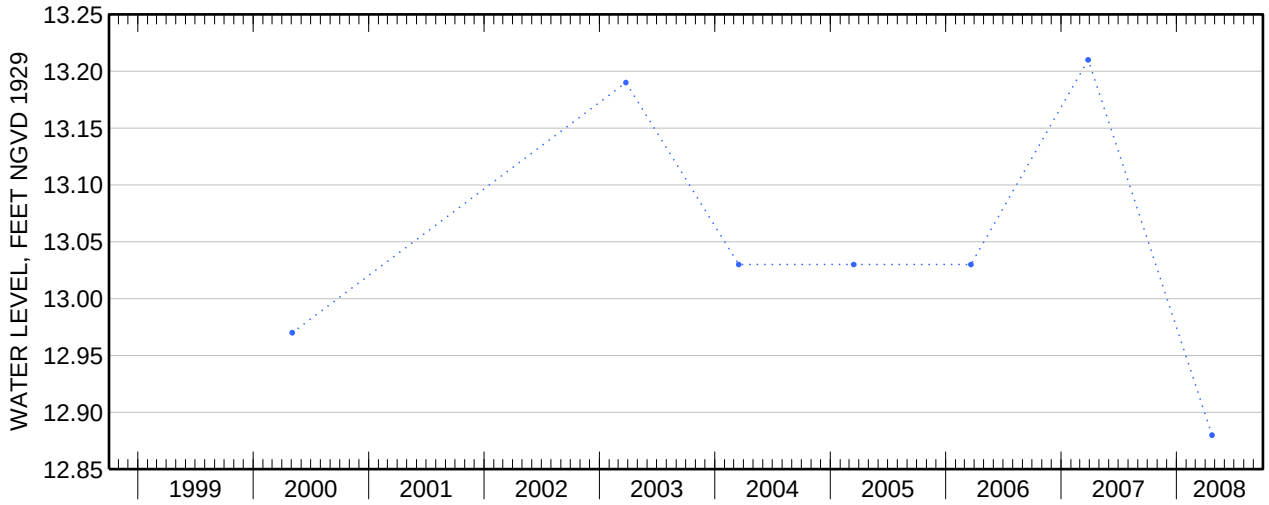
PERIOD OF RECORD.--May 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.33 ft above sea level, September 16, 1982; lowest measured, 11.93 ft above sea level, December 22, 1977.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 12.88 |



Water-Data Report 2008

# 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.

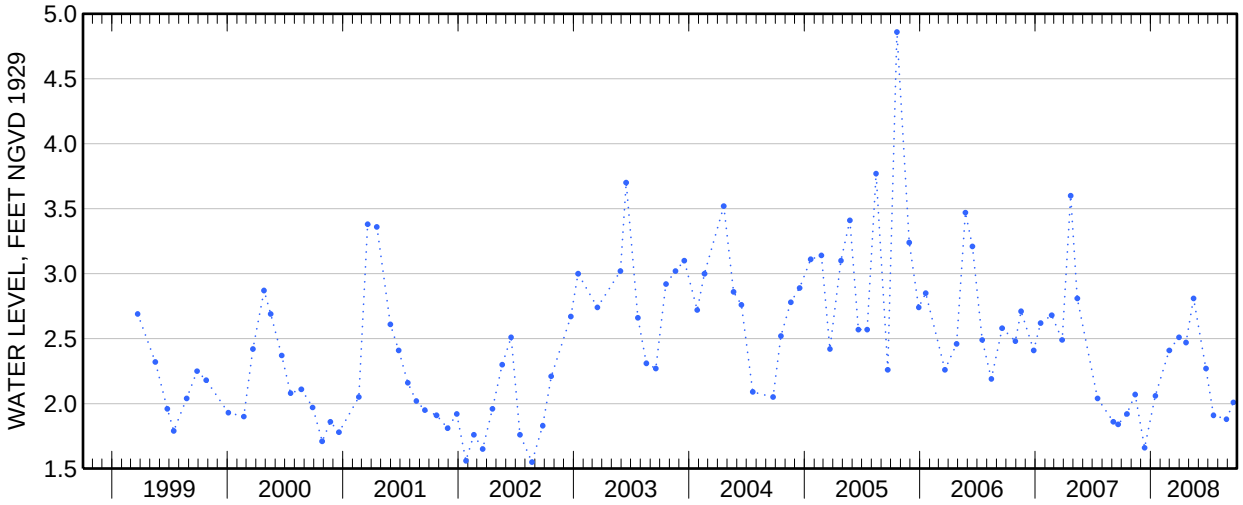
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.92 | Apr 22 | 2.47 |
| Nov 13 | 2.07 | May 16 | 2.81 |
| Dec 13 | 1.66 | Jun 24 | 2.27 |
| Jan 16 | 2.06 | Jul 18 | 1.91 |
| Feb 29 | 2.41 | Aug 28 | 1.88 |
| Mar 31 | 2.51 | Sep 19 | 2.01 |



Water-Data Report 2008

# 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.

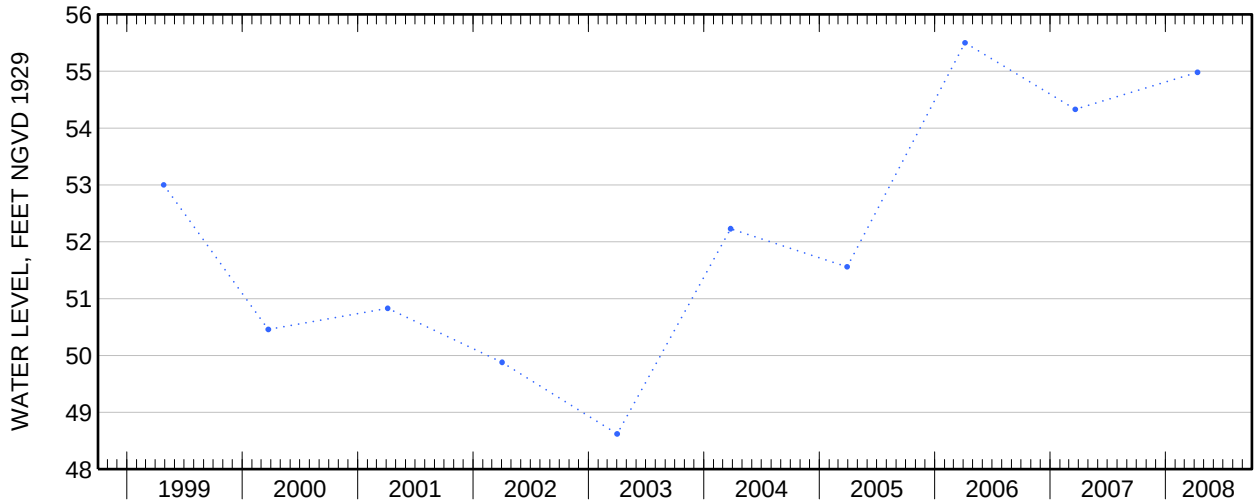
PERIOD OF RECORD.--March 1977 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 11 | 54.98 |



Water-Data Report 2008

# 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.

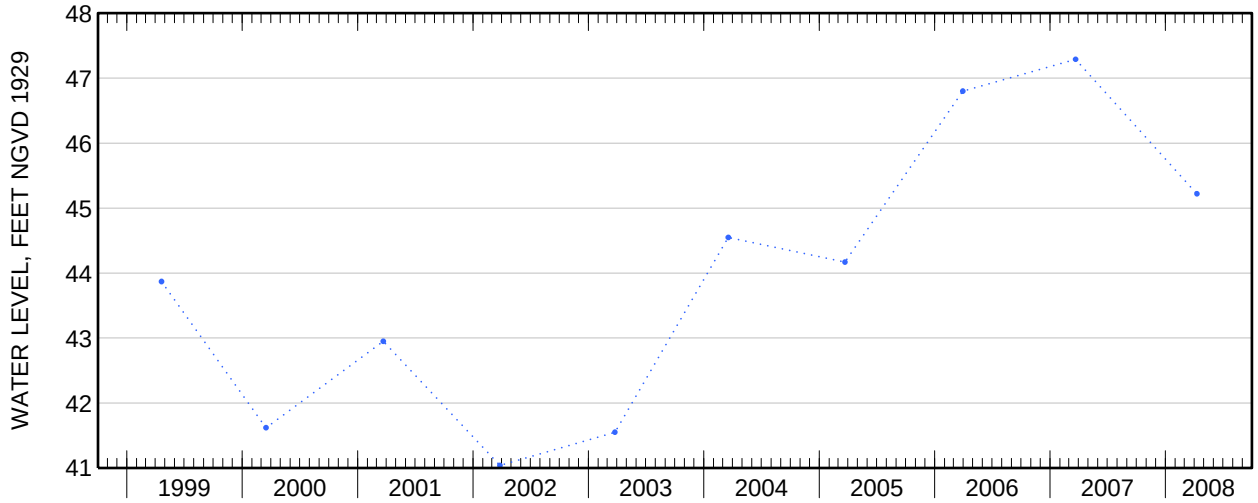
PERIOD OF RECORD.--March 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 45.22 |



Water-Data Report 2008

# 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.

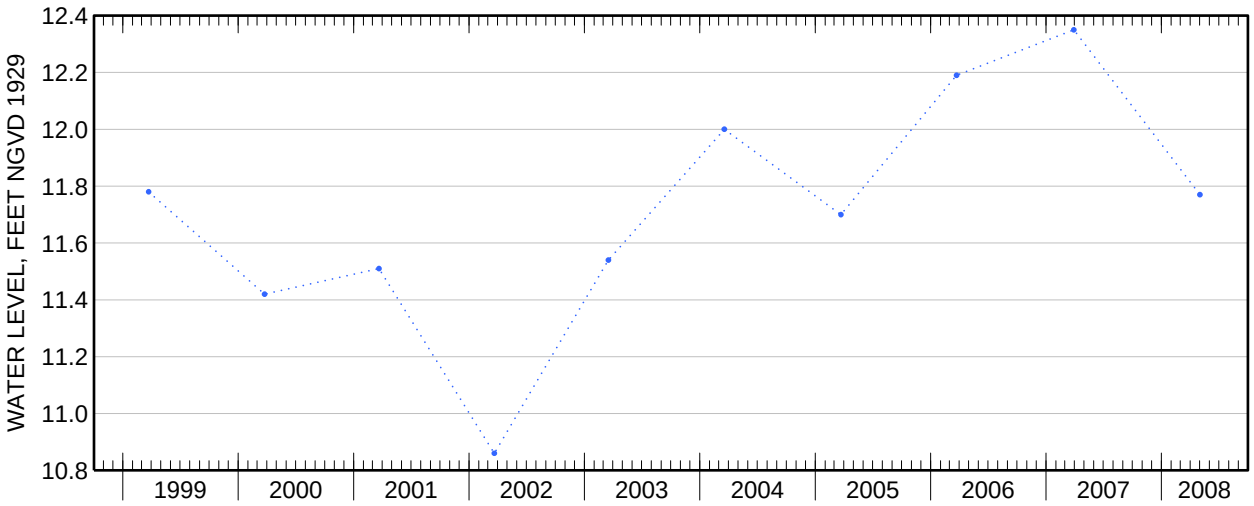
PERIOD OF RECORD.--March 1973 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 1 | 11.77 |



Water-Data Report 2008

# 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.

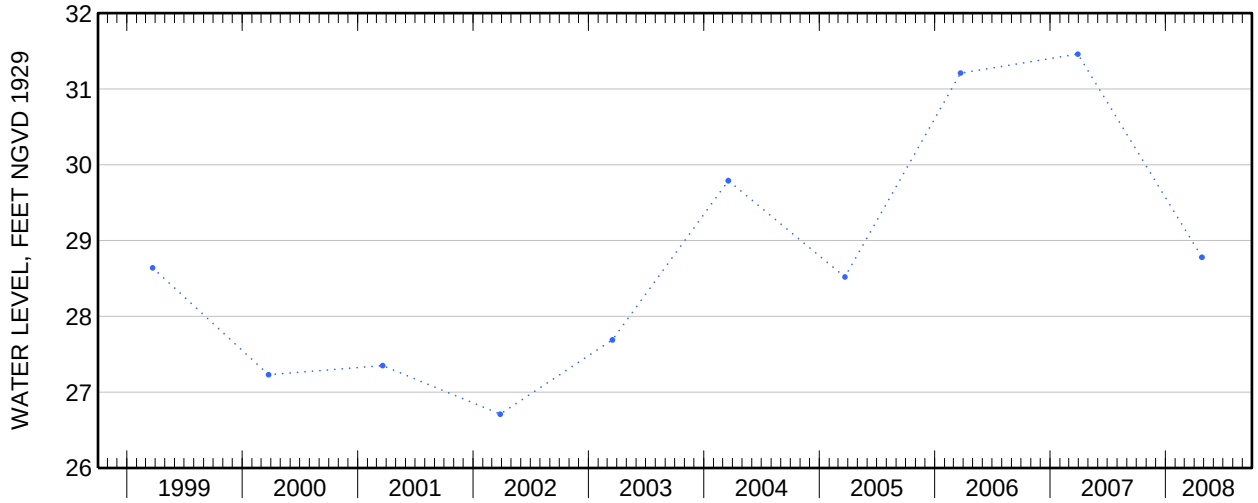
PERIOD OF RECORD.--March 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 28.78 |



Water-Data Report 2008

# 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.

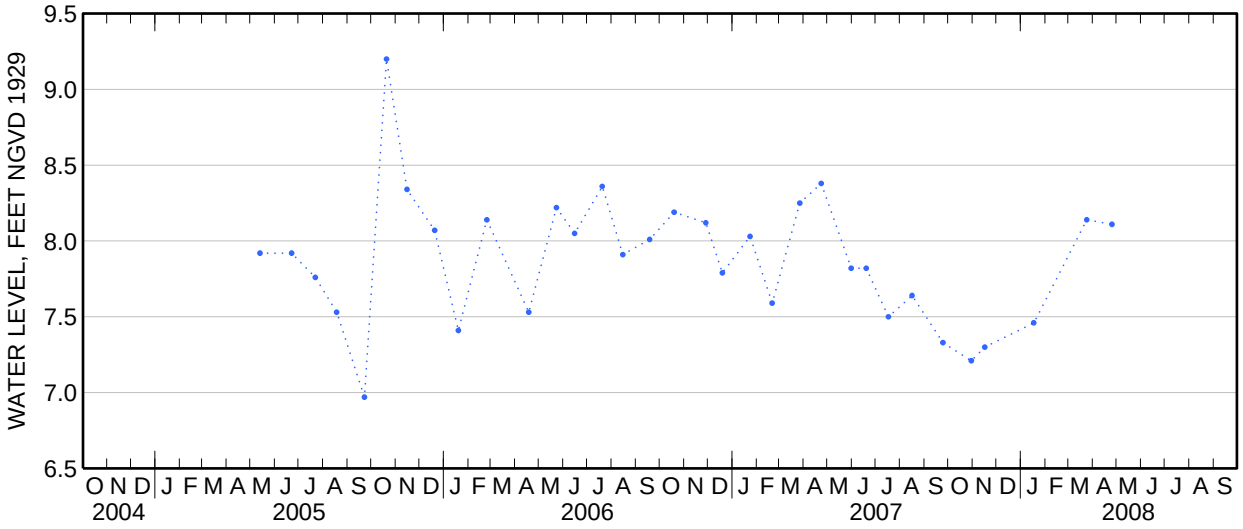
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 7.21 | Mar 24 | 8.14 |
| Nov 16 | 7.30 | Apr 25 | 8.11 |
| Jan 17 | 7.46 | | |



Water-Data Report 2008

# 404607072594701 Local number S 47752. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°46′07″, long 72°59′47″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

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 24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.23 ft below land-surface datum.

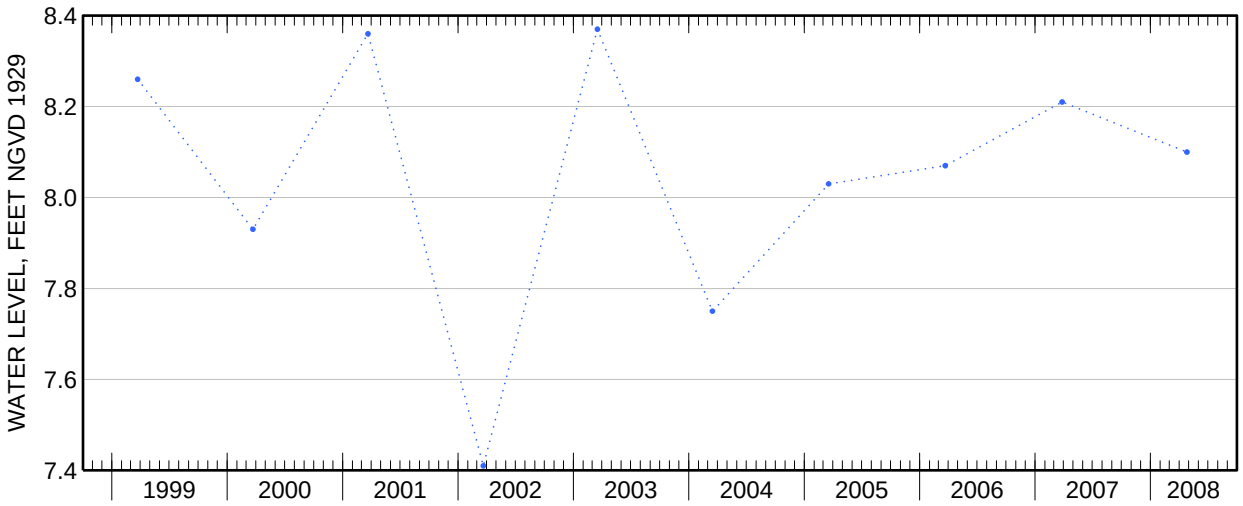
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.04 ft above sea level, June 20, 1979; lowest measured, 7.09 ft above sea level, August 20, 1974.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 8.10 |



Water-Data Report 2008

# 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.

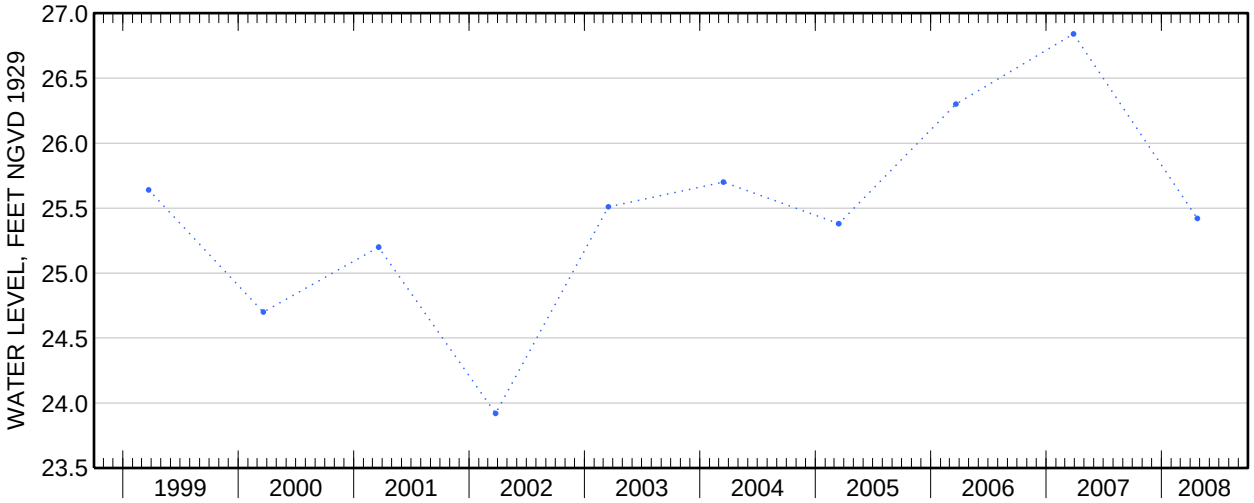
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 25.42 |



Water-Data Report 2008

# 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.

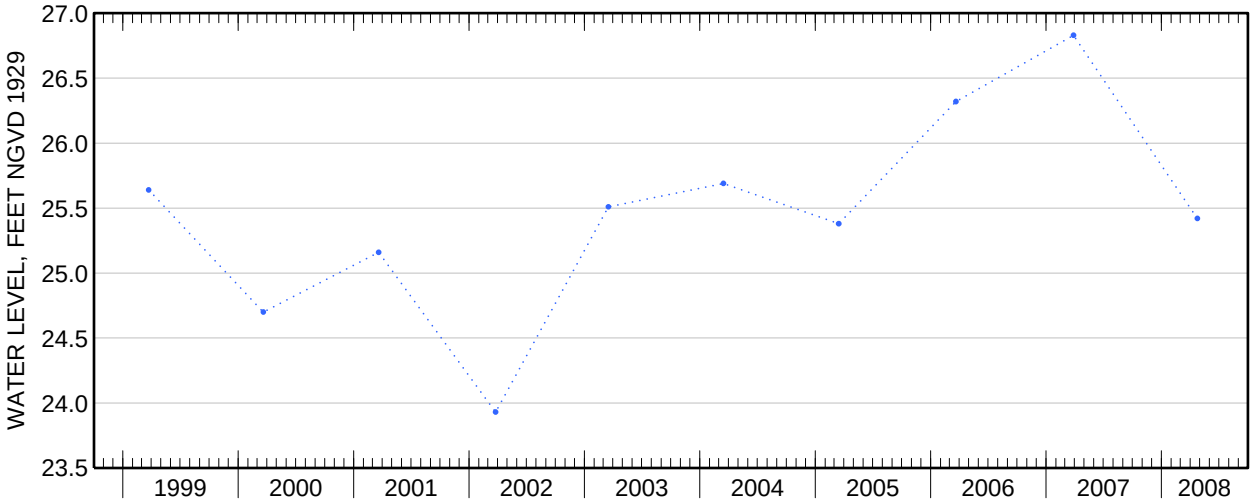
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 25.42 |



Water-Data Report 2008

# 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.

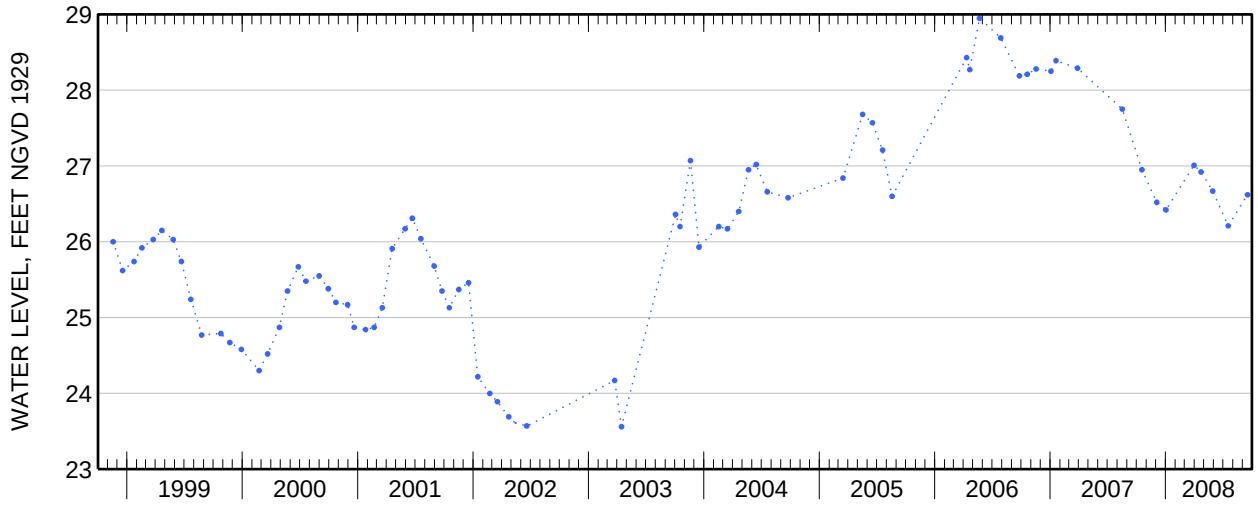
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 26.95 | Apr 22 | 26.92 |
| Dec 4 | 26.52 | May 29 | 26.67 |
| Jan 2 | 26.42 | Jul 17 | 26.21 |
| Mar 31 | 27.01 | Sep 16 | 26.62 |



# 405704072165901 Local number S 48428. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°57′04″, long 72°16′59″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 71 ft. Upper casing diameter 6 in; top of first opening 59 ft, bottom of last opening 69 ft.

DATUM.--Land-surface datum is 65 ft above National Geodetic Vertical Datum of 1929.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 13

[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | 1000 | 51.03 | 8.7 | 5.4 | 204 | 12.4 | 3.4 | 49.38 | 81 | 6.21 | 3.25 | 1.76 | 6.84 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 13

[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Hydro-gen sulfide water, unfltrd mg/L (71875) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | .04 | 10.6 | <.12 | U | 10.3 | 12.1 | E.011n | 2.15 | E.001n | E.004n | 2.35 | 875 | 66.3 |

**405704072165901 Local number S 48428. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | 1,4-Dichlorobenzene water, fltrd, µg/L (34572) | 1-Naphthol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methylaniline wat flt µg/L (61620) | 3,4-Dichloroaniline water, fltrd, µg/L (61625) | 3,5-Dichloroaniline water, fltrd, µg/L (61627) | 4-Chloro-2-methylphenol, wat flt µg/L (61633) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.1mc | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Azinphosmethyl oxon, water, fltrd, µg/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.04mc | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Cyfluthrin, water, fltrd, µg/L (61585) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.016mc | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc |

**405704072165901 Local number S 48428. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | E.008mtc | <.010 | <.008 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.010mc | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.010 | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 |

**405704072165901 Local number S 48428. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Simazine, water, fltrd, µg/L (04035) | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.006 | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | 3-beta-Coprostanol, water, fltrd, µg/L (62057) | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <2mc | <.08 | <.6mc | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | AHTN, water, fltrd, µg/L (62065) | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.5 | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <2mc | <.400mc | <.04mc | <.1 | <.5 | <.1 |

**405704072165901 Local number S 48428. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Isobor-neol, water, fltrd, µg/L (62077) | Iso-phorone water, fltrd, µg/L (34409) | Iso-propyl-benzene water, fltrd, µg/L (62078) | Iso-quin-oline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicy-late, water, fltrd, µg/L (62081) | Naphth-alene, water, fltrd, µg/L (34443) | Phenan-threne, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetra-chloro-ethene, water, fltrd, µg/L (34476) | Tri-bromo-methane water, fltrd, µg/L (34288) | Tri-butyl phos-phate, water, fltrd, µg/L (62089) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.1 | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 13 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Triclo-san, water, fltrd, µg/L (62090) | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|---|
| **Jun** | | | | | | |
| **10...** | <.2 | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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.

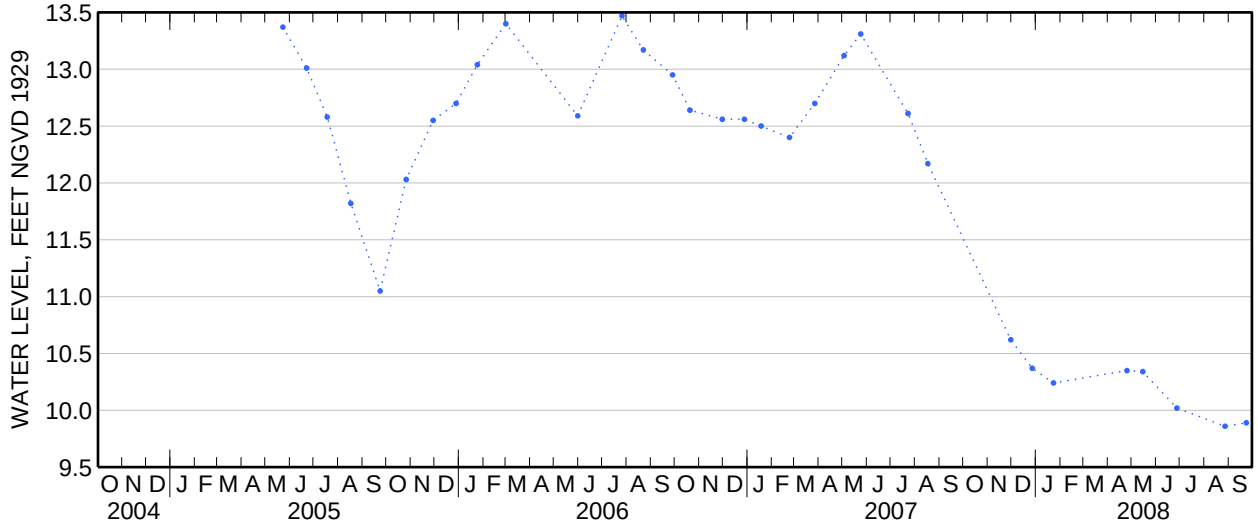
PERIOD OF RECORD.--January 1974 to March 1983, March 1990, March 1994, and May 2005 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 10.62 | May 15 | 10.34 |
| Dec 27 | 10.37 | Jun 27 | 10.02 |
| Jan 23 | 10.24 | Aug 27 | 9.86 |
| Apr 25 | 10.35 | Sep 23 | 9.89 |



# 405831072171201 Local number S 48437. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°58′31″, long 72°17′12″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 72 ft. Upper casing diameter 6 in; top of first opening 59 ft, bottom of last opening 69 ft.

DATUM.--Land-surface datum is 65.2 ft above National Geodetic Vertical Datum of 1929.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 13

[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| May 28... | 0930 | 52.09 | 10.2 | 5.8 | 68 | 11.7 | 35 | 50.57 | 37 | 2.19 | 1.37 | .56 | 6.03 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 13

[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Hydro-gen sulfide water, unfltrd mg/L (71875) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| May 28... | .03 | 7.14 | <.12 | U | 11.8 | 5.97 | <.020 | .20 | <.002 | .008 | .18 | 52 | 18.2 |

**405831072171201 Local number S 48437. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | 1,4-Dichlorobenzene water, fltrd, µg/L (34572) | 1-Naphthol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methylaniline wat flt µg/L (61620) | 3,4-Dichloroaniline water, fltrd, µg/L (61625) | 3,5-Dichloroaniline water, fltrd, µg/L (61627) | 4-Chloro-2-methylphenol, wat flt µg/L (61633) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May** | | | | | | | | | | | | | |
| **28...** | <.1mc | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Azinphosmethyl oxon, water, fltrd, µg/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May** | | | | | | | | | | | | | |
| **28...** | <.04mc | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Cyfluthrin, water, fltrd, µg/L (61585) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May** | | | | | | | | | | | | | |
| **28...** | <.016mc | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc |

**405831072171201 Local number S 48437. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May 28...** | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May 28...** | <.010mc | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May 28...** | <.010 | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 |

**405831072171201 Local number S 48437. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Simazine, water, fltrd, µg/L (04035) | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May** | | | | | | | | | | | | | |
| **28...** | <.006 | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | 3-beta-Coprostanol, water, fltrd, µg/L (62057) | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May** | | | | | | | | | | | | | |
| **28...** | <1mc | <.08 | --u | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | AHTN, water, fltrd, µg/L (62065) | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May** | | | | | | | | | | | | | |
| **28...** | <.5 | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <1mc | <.400mc | <.04mc | <.1 | <.5 | <.1 |

**405831072171201 Local number S 48437. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Isobor-neol, water, fltrd, µg/L (62077) | Iso-phorone water, fltrd, µg/L (34409) | Iso-propyl-benzene water, fltrd, µg/L (62078) | Iso-quin-oline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicy-late, water, fltrd, µg/L (62081) | Naphth-alene, water, fltrd, µg/L (34443) | Phenan-threne, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetra-chloro-ethene, water, fltrd, µg/L (34476) | Tri-bromo-methane water, fltrd, µg/L (34288) | Tri-butyl phos-phate, water, fltrd, µg/L (62089) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **May 28...** | <.1 | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 13 of 13
[Remark codes: <, less than; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Triclo-san, water, fltrd, µg/L (62090) | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|---|
| **May 28...** | <.2 | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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.

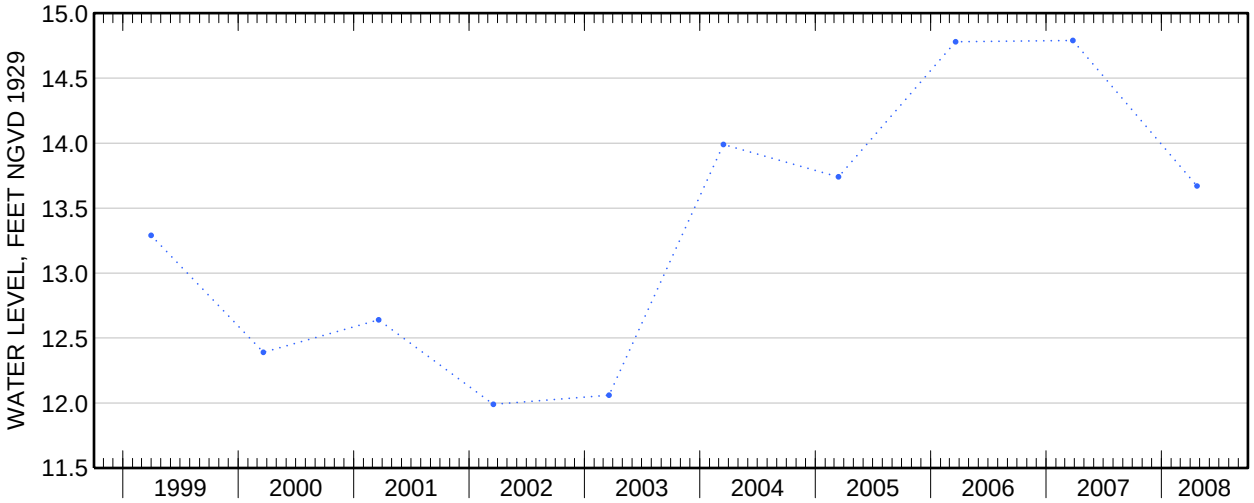
PERIOD OF RECORD.--January 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 13.67 |



Water-Data Report 2008

# 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.

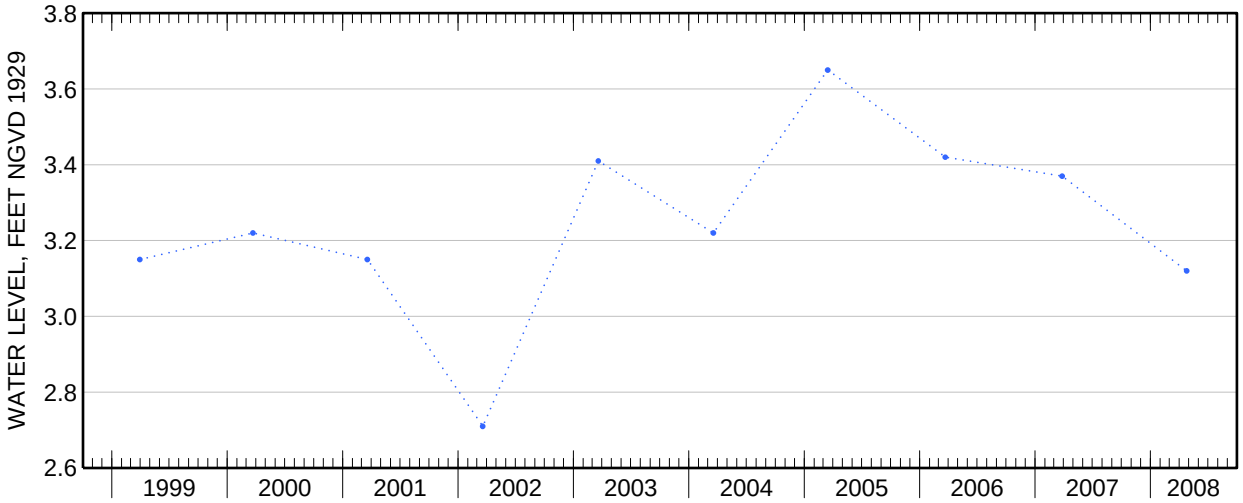
PERIOD OF RECORD.--January 1974 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 3.12 |



Water-Data Report 2008

# 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 Geological Survey.

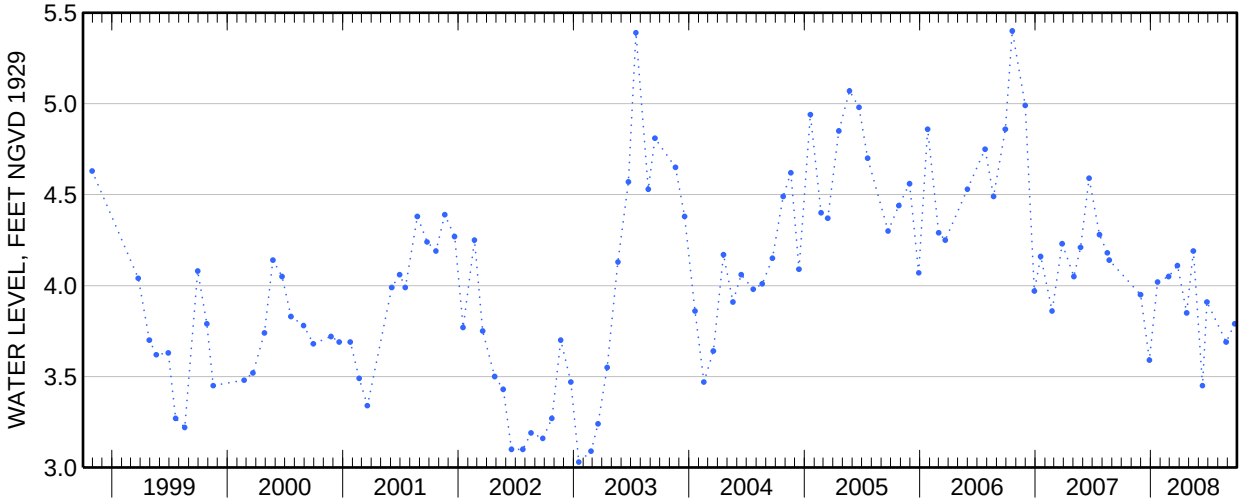
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 3.95 | May 15 | 4.19 |
| Dec 28 | 3.59 | Jun 13 | 3.45 |
| Jan 23 | 4.02 | 27 | 3.91 |
| Feb 27 | 4.05 | Aug 27 | 3.69 |
| Mar 26 | 4.11 | Sep 23 | 3.79 |
| Apr 24 | 3.85 | | |



**410149071583201 Local number S 48577. 1—Continued**

**410149071583201 Local number S 48577. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 13... | 1100 | 164.65 | --e | 6.5 | 662 | 13.3 | .9 | 163.04 | 365 | 15.6 | 11.4 | 2.11 | 68.7 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) | 1,4-Di-chloro-benzene water, fltrd, µg/L (34572) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 13... | .09 | 149 | <.12 | 14.2 | 12.9 | .428 | .88 | .005 | .010 | 1.30 | 3,600 | 179 | <.1mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methyl-aniline wat flt µg/L (61620) | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2-methyl-phenol, wat flt µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 13... | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.06mc |

**410149071583201 Local number S 48577. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 13... | <.120mc | <.010 | .5 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 | <.016mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 13... | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc | <.022 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 13... | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 | <.010mc |

**410149071583201 Local number S 48577. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **13...** | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **13...** | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 | <.006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) | 3-beta-Coprostanol, water, fltrd, µg/L (62057) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **13...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 | <2mc |

**410149071583201 Local number S 48577. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) | AHTN, water, fltrd, µg/L (62065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 13... | <.08 | <.6mc | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 | <.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) | Isoborneol, water, fltrd, µg/L (62077) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 13... | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <1mc | <.400mc | <.04mc | <.1 | <.5 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Isophorone water, fltrd, µg/L (34409) | Isopropylbenzene water, fltrd, µg/L (62078) | Isoquinoline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicylate, water, fltrd, µg/L (62081) | Naphthalene, water, fltrd, µg/L (34443) | Phenanthrene, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetrachloroethene, water, fltrd, µg/L (34476) | Tribromomethane water, fltrd, µg/L (34288) | Tributyl phosphate, water, fltrd, µg/L (62089) | Triclosan, water, fltrd, µg/L (62090) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 13... | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 | <.2 |

**410149071583201 Local number S 48577. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 13

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method. Null value qualifier codes: e, required equipment not functional/avail.]

| Date | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|
| **Jun** | | | | | |
| **13...** | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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 Geological Survey.

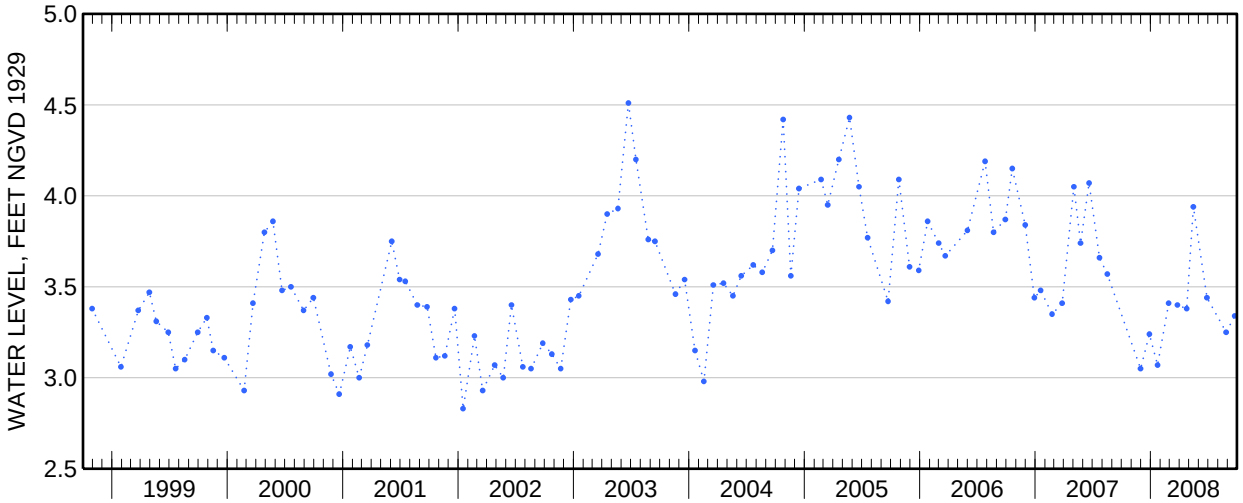
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 3.05 | Apr 24 | 3.38 |
| Dec 28 | 3.24 | May 15 | 3.94 |
| Jan 23 | 3.07 | Jun 27 | 3.44 |
| Feb 27 | 3.41 | Aug 27 | 3.25 |
| Mar 26 | 3.40 | Sep 23 | 3.34 |



Water-Data Report 2008

# 405335072562903 Local number S 49606. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°53′37″, long 72°56′29″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 388 ft. Upper casing diameter 20 in; top of first opening 307 ft, bottom of last opening 367 ft.

DATUM.--Land-surface datum is 75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Bottom inside edge of hole on north side of cement base, 7.26 ft below land-surface datum.

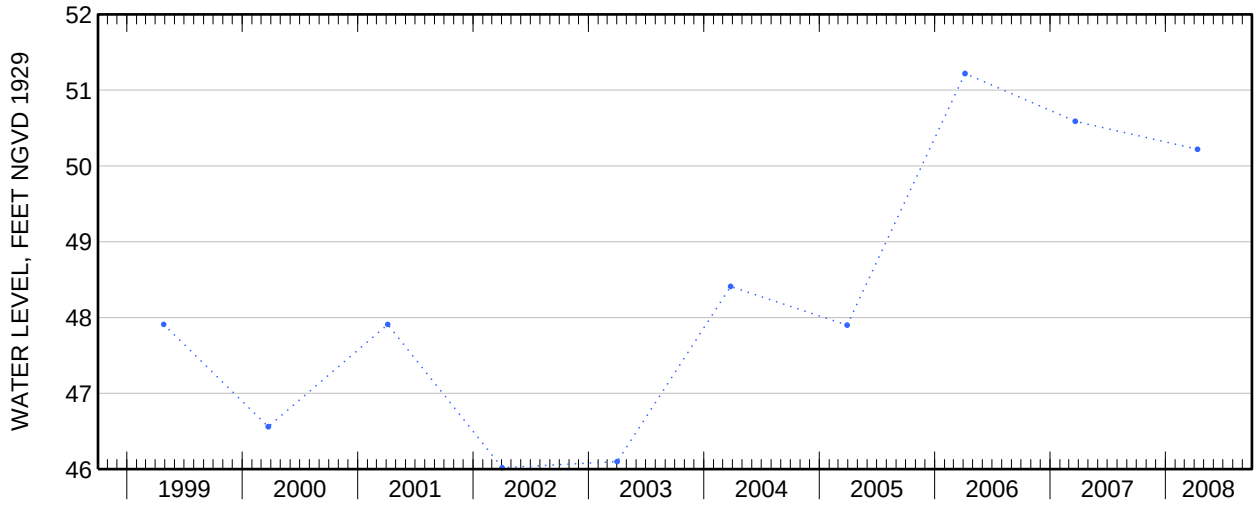
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.22 ft above sea level, April 6, 2006; lowest measured, 46.20 ft above sea level, April 14, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 11 | 50.22 |



Water-Data Report 2008

# 405846072093001 Local number S 49898. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°58′46″, long 72°09′30″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 63.5 ft. Upper casing diameter 6 in; top of first opening 52 ft, bottom of last opening 62 ft.

DATUM.--Land-surface datum is 41.2 ft above National Geodetic Vertical Datum of 1929.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 13

[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | 1100 | 32.65 | 7.7 | 5.3 | 182 | 12.3 | 2.6 | 41.12 | 59 | 2.15 | 2.10 | .91 | 7.50 |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 13

[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Hydro-gen sulfide water, unfltrd mg/L (71875) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | .03 | 12.8 | <.12 | U | 11.3 | 2.54 | <.020 | 1.07 | <.002 | E.005n | 1.17 | 1,570 | 48.0 |

**405846072093001 Local number S 49898. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | 1,4-Dichlorobenzene water, fltrd, µg/L (34572) | 1-Naphthol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methylaniline wat flt µg/L (61620) | 3,4-Dichloroaniline water, fltrd, µg/L (61625) | 3,5-Dichloroaniline water, fltrd, µg/L (61627) | 4-Chloro-2-methylphenol, wat flt µg/L (61633) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.1mc | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Azinphosmethyl oxon, water, fltrd, µg/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.04mc | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Cyfluthrin, water, fltrd, µg/L (61585) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.016mc | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc |

**405846072093001 Local number S 49898. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | E.006t | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | <.010mc | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | E.006n | <.012 | <.003 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 10... | <.010 | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 |

**405846072093001 Local number S 49898. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Simazine, water, fltrd, µg/L (04035) | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.006 | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | 3-beta-Coprostanol, water, fltrd, µg/L (62057) | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <2mc | <.08 | <.6mc | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | AHTN, water, fltrd, µg/L (62065) | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.5 | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <2mc | <.400mc | <.04mc | <.1 | <.5 | <.1 |

**405846072093001 Local number S 49898. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Isobor-neol, water, fltrd, µg/L (62077) | Iso-phorone water, fltrd, µg/L (34409) | Iso-propyl-benzene water, fltrd, µg/L (62078) | Iso-quin-oline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicy-late, water, fltrd, µg/L (62081) | Naphth-alene, water, fltrd, µg/L (34443) | Phenan-threne, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetra-chloro-ethene, water, fltrd, µg/L (34476) | Tri-bromo-methane water, fltrd, µg/L (34288) | Tri-butyl phos-phate, water, fltrd, µg/L (62089) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **10...** | <.1 | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 13 of 13
[Remark codes: <, less than; E, estimated; U, analyzed for but not detected. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL; t, below the long-term MDL.]

| Date | Triclo-san, water, fltrd, µg/L (62090) | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|---|
| **Jun** | | | | | | |
| **10...** | <.2 | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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.

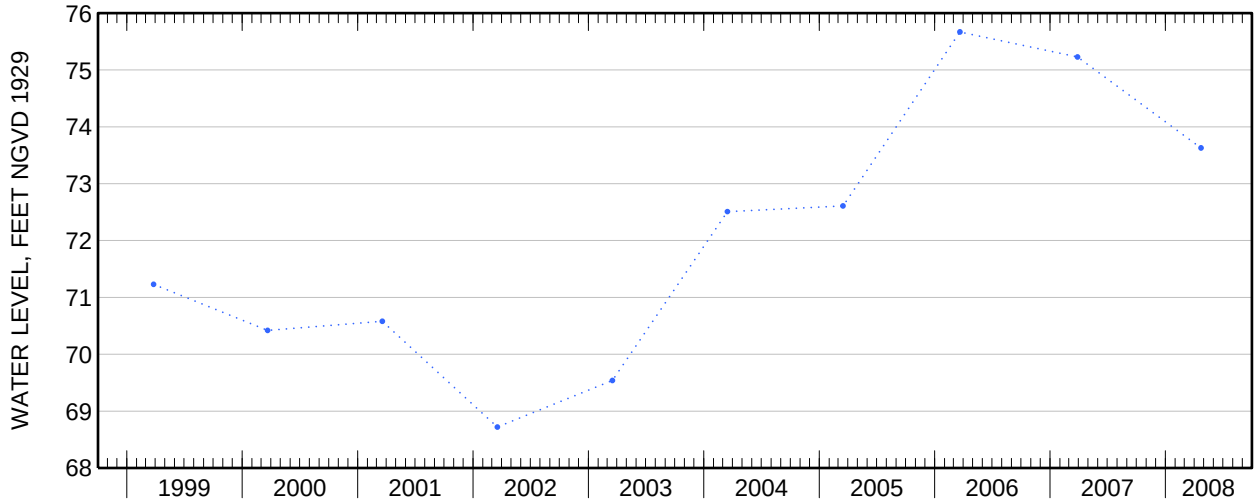
PERIOD OF RECORD.--April 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 73.63 |



Water-Data Report 2008

# 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.

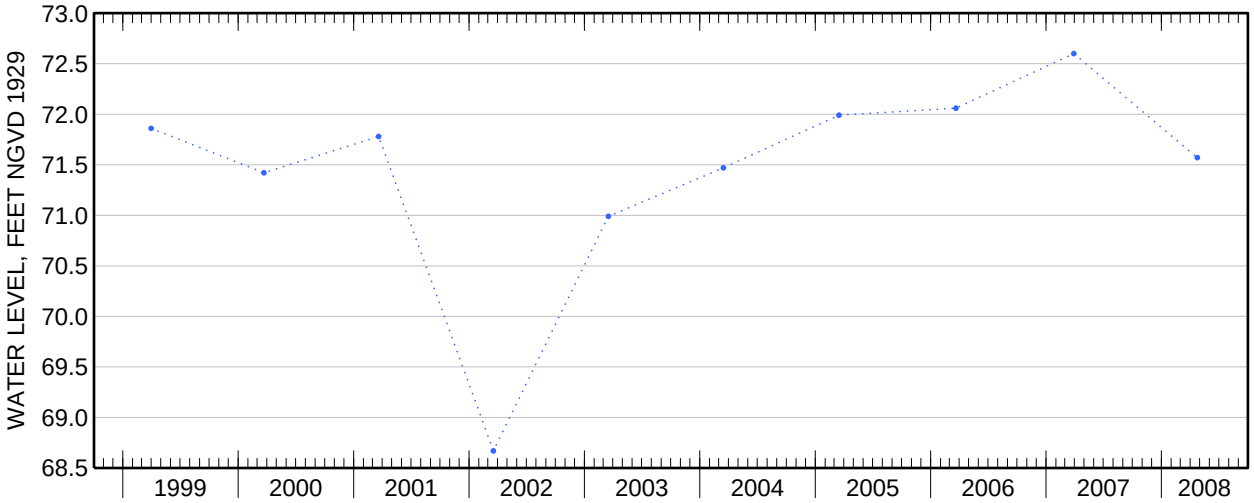
PERIOD OF RECORD.--April 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 71.57 |



Water-Data Report 2008

# 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.

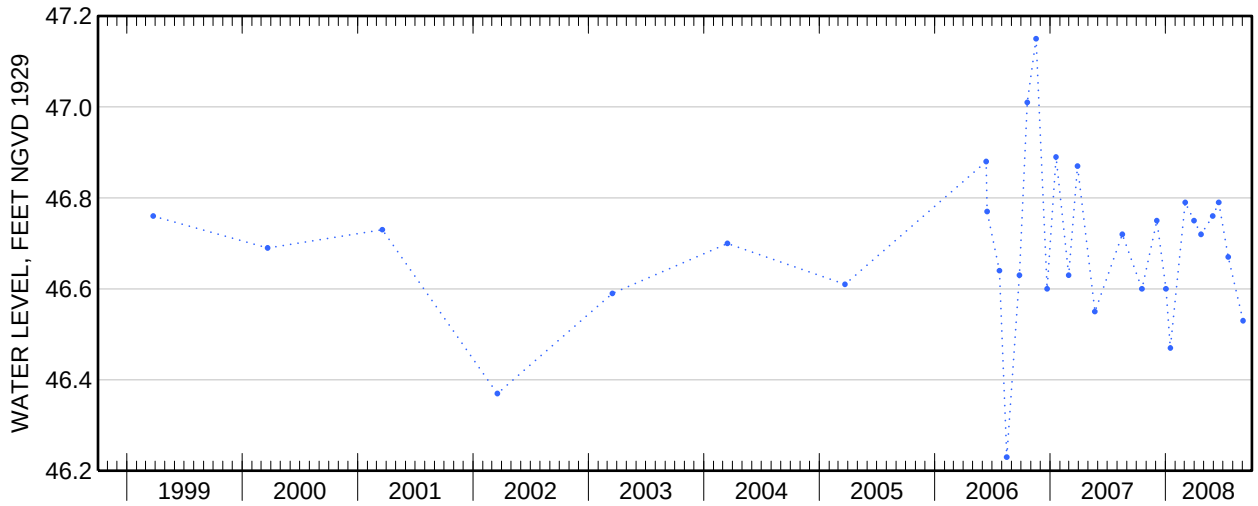
PERIOD OF RECORD.--December 1973 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 46.60 | Apr 22 | 46.72 |
| Dec 4 | 46.75 | May 29 | 46.76 |
| Jan 2 | 46.60 | Jun 17 | 46.79 |
| 16 | 46.47 | Jul 17 | 46.67 |
| Mar 3 | 46.79 | Sep 2 | 46.53 |
| 31 | 46.75 | | |



Water-Data Report 2008

# 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.

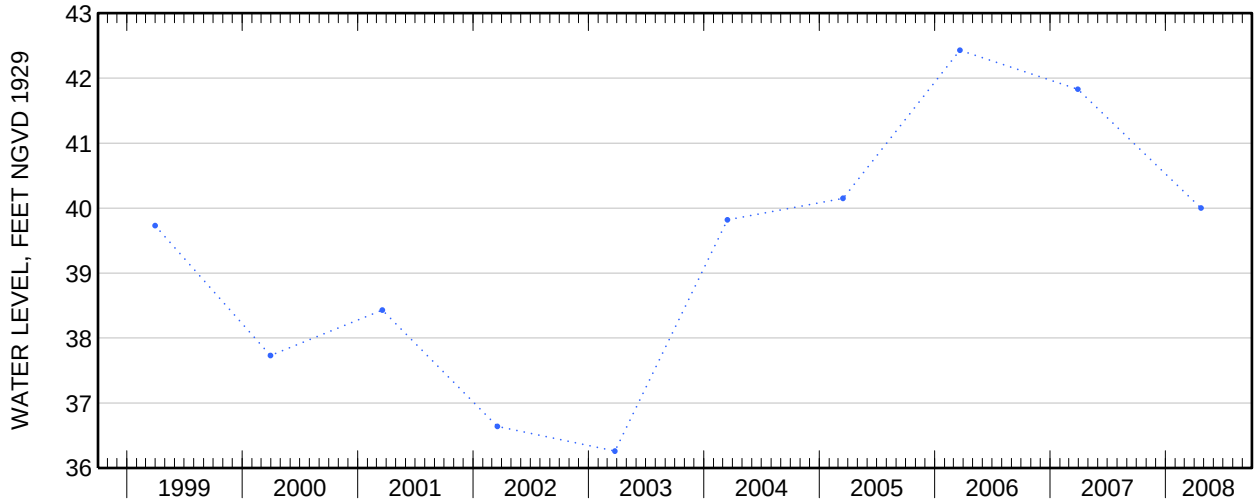
PERIOD OF RECORD.--December 1973 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 40.00 |



Water-Data Report 2008

# 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.

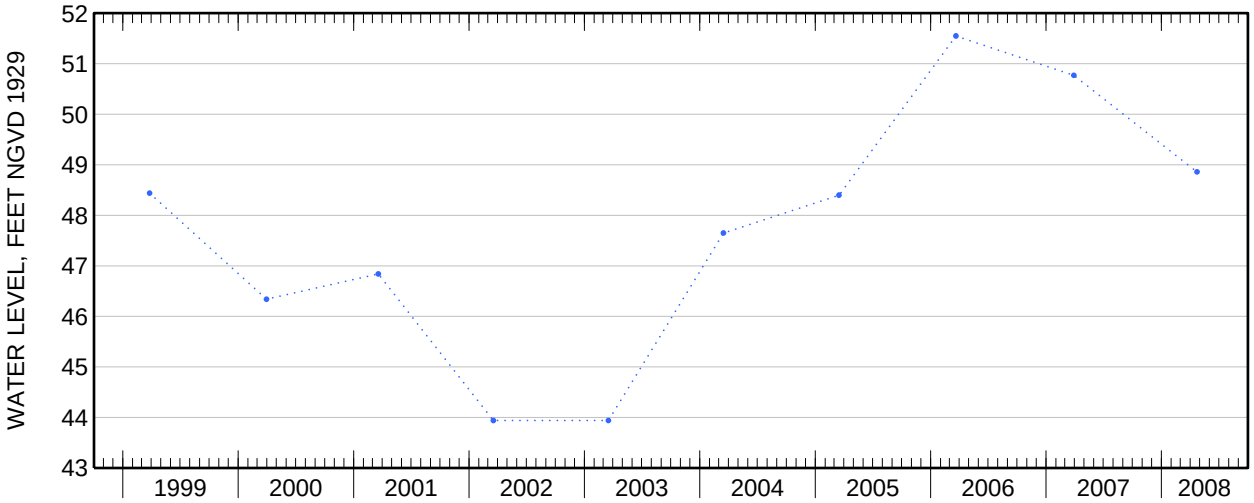
PERIOD OF RECORD.--April 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 48.86 |



Water-Data Report 2008

# 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.

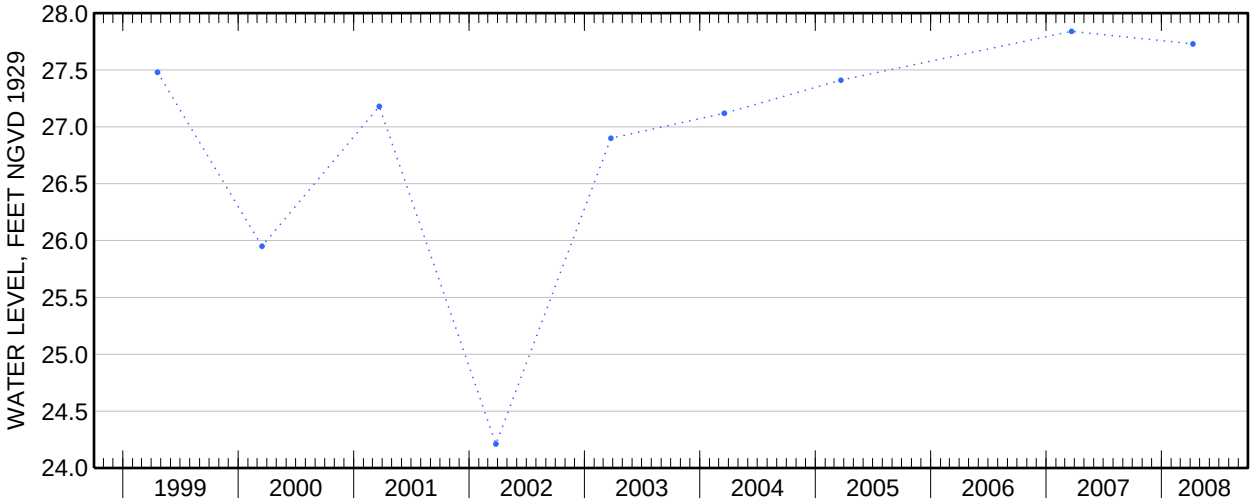
PERIOD OF RECORD.--March 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 27.73 |



Water-Data Report 2008

# 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.

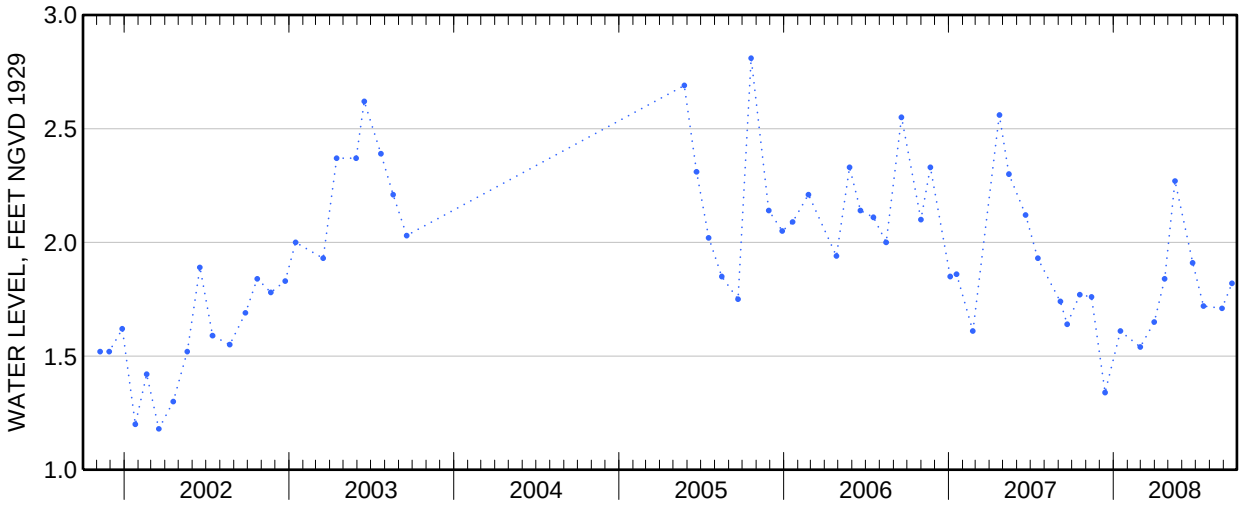
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.77 | Apr 23 | 1.84 |
| Nov 13 | 1.76 | May 16 | 2.27 |
| Dec 13 | 1.34 | Jun 24 | 1.91 |
| Jan 16 | 1.61 | Jul 18 | 1.72 |
| Feb 29 | 1.54 | Aug 28 | 1.71 |
| Mar 31 | 1.65 | Sep 19 | 1.82 |



**410349072222201 Local number S 51169. 1—Continued**

**410349072222201 Local number S 51169. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Dissolved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf µS/cm 25 degC (00095) | Temperature, water, deg C (00010) | 1-Naphthol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methylaniline water, fltrd, µg/L (61620) | 3,4-Dichloroaniline water, fltrd, µg/L (61625) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | 1000 | 30.42 | 28.60 | 8.1 | 5.9 | 146 | 12.1 | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | 3,5-Dichloroaniline water, fltrd, µg/L (61627) | 4-Chloro-2methylphenol, water, fltrd, µg/L (61633) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) | Azinphosmethyl oxon, water, fltrd, µg/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc | <.120mc | <.010 | <.060mc | <.020mc | <.06mc | <.005 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.010 | <.006mc | <.020 | <.016mc | <.004mc | <.014mc | <.003 | <.012 | <.08mc | <.009 | <.006mc | <.01 | <.04mc |

**410349072222201 Local number S 51169. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.029 | <.013 | <.024 | <.020mc | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.008 | <.01mc | <.006 | <.020 | <.016 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.006 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.004 | <.006 | <.04 | <.006 | <.02 |

**410349072222201 Local number S 51169. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Teflu-thrin, water, fltrd, µg/L (61606) | Ter-bufos oxon sulfone water, fltrd, µg/L (61674) | Terbu-fos, water, fltrd 0.7u GF µg/L (82675) | Ter-buthyl-azine, water, fltrd, µg/L (04022) | Thio-bencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propi-cona-zole, water, fltrd, µg/L (79847) | Tribu-phos, water, fltrd, µg/L (61610) | Tri-flur-alin, water, fltrd 0.7u GF µg/L (82661) | Di-chlor-vos, water, fltrd, µg/L (38775) |
|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | |
| **24...** | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.01mc |

Water-Data Report 2008

# 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.

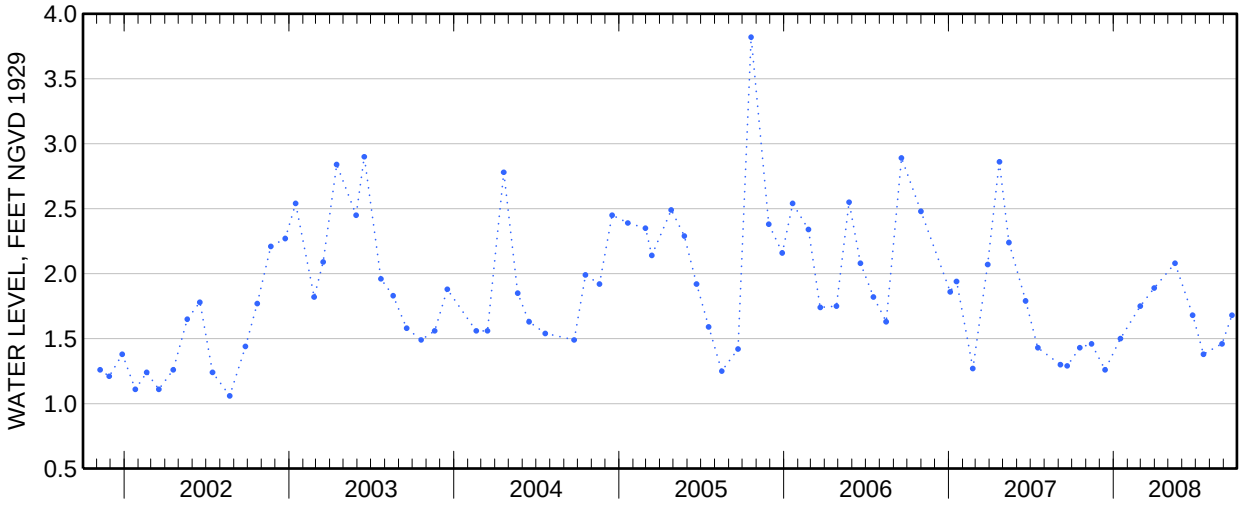
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.43 | May 16 | 2.08 |
| Nov 13 | 1.46 | Jun 24 | 1.68 |
| Dec 13 | 1.26 | Jul 18 | 1.38 |
| Jan 16 | 1.50 | Aug 28 | 1.46 |
| Feb 29 | 1.75 | Sep 19 | 1.68 |
| Mar 31 | 1.89 | | |



**410311072215501 Local number S 51170. 1—Continued**

**410311072215501 Local number S 51170. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Dissolved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specific conductance, wat unf µS/cm 25 degC (00095) | Temperature, water, deg C (00010) | 1-Naphthol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Diethylaniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro-2',6'-diethyl acetanilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methylaniline water, fltrd, µg/L (61620) | 3,4-Dichloroaniline water, fltrd, µg/L (61625) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | 1200 | 7.04 | 5.28 | <1.0 | 6.1 | 174 | 11.9 | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | 3,5-Dichloroaniline water, fltrd, µg/L (61627) | 4-Chloro-2methylphenol, water, fltrd, µg/L (61633) | Acetochlor, water, fltrd, µg/L (49260) | Alachlor, water, fltrd, µg/L (46342) | alpha-Endosulfan, water, fltrd, µg/L (34362) | Atrazine, water, fltrd, µg/L (39632) | Azinphosmethyl oxon, water, fltrd, µg/L (61635) | Azinphosmethyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc | <.120mc | <.010 | <.060mc | <.020mc | <.06mc | <.005 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.010 | <.006mc | <.020 | <.016mc | <.004mc | <.014mc | <.003 | <.012 | <.08mc | <.009 | <.006mc | <.01 | <.04mc |

**410311072215501 Local number S 51170. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.029 | <.013 | <.024 | <.020mc | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.008 | <.01mc | <.006 | <.020 | <.016 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 24... | <.006 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.004 | <.006 | <.04 | <.006 | <.02 |

**410311072215501 Local number S 51170. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Teflu-thrin, water, fltrd, µg/L (61606) | Ter-bufos oxon sulfone water, fltrd, µg/L (61674) | Terbu-fos, water, fltrd 0.7u GF µg/L (82675) | Ter-buthyl-azine, water, fltrd, µg/L (04022) | Thio-bencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propi-cona-zole, water, fltrd, µg/L (79847) | Tribu-phos, water, fltrd, µg/L (61610) | Tri-flur-alin, water, fltrd 0.7u GF µg/L (82661) | Di-chlor-vos, water, fltrd, µg/L (38775) |
|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | |
| **24...** | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.01mc |

Water-Data Report 2008

# 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.

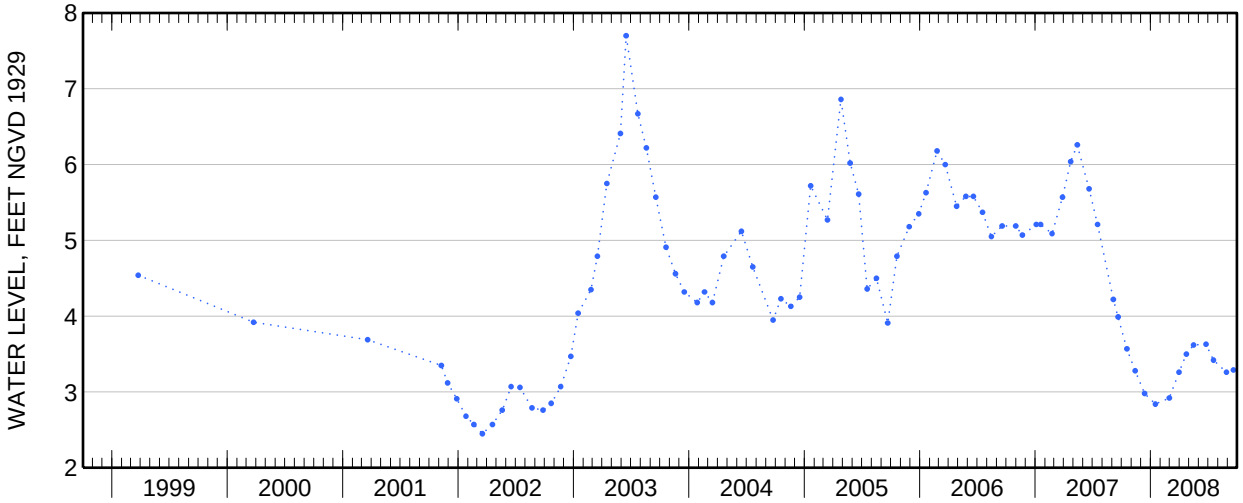
PERIOD OF RECORD.--June 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 3.57 | Apr 23 | 3.50 |
| Nov 13 | 3.28 | May 16 | 3.62 |
| Dec 13 | 2.98 | Jun 24 | 3.63 |
| Jan 16 | 2.84 | Jul 18 | 3.42 |
| Feb 29 | 2.92 | Aug 28 | 3.26 |
| Mar 31 | 3.26 | Sep 19 | 3.29 |



Water-Data Report 2008

# 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.

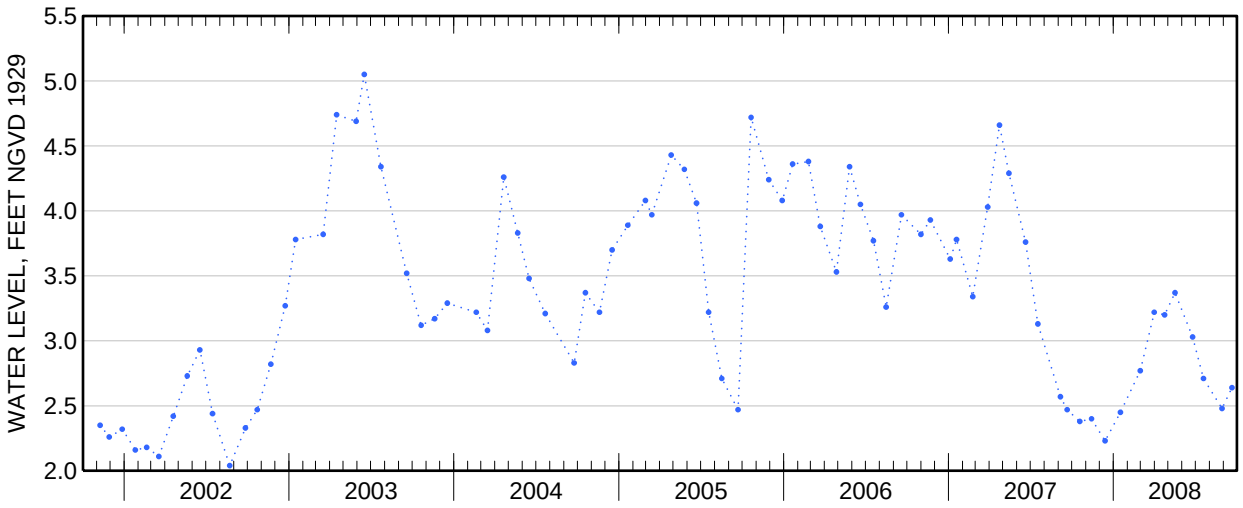
PERIOD OF RECORD.--June 1974 to March 1995 and November 2001 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 2.38 | Apr 23 | 3.20 |
| Nov 13 | 2.40 | May 16 | 3.37 |
| Dec 13 | 2.23 | Jun 24 | 3.03 |
| Jan 16 | 2.45 | Jul 18 | 2.71 |
| Feb 29 | 2.77 | Aug 28 | 2.48 |
| Mar 31 | 3.22 | Sep 19 | 2.64 |



Water-Data Report 2008

# 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.

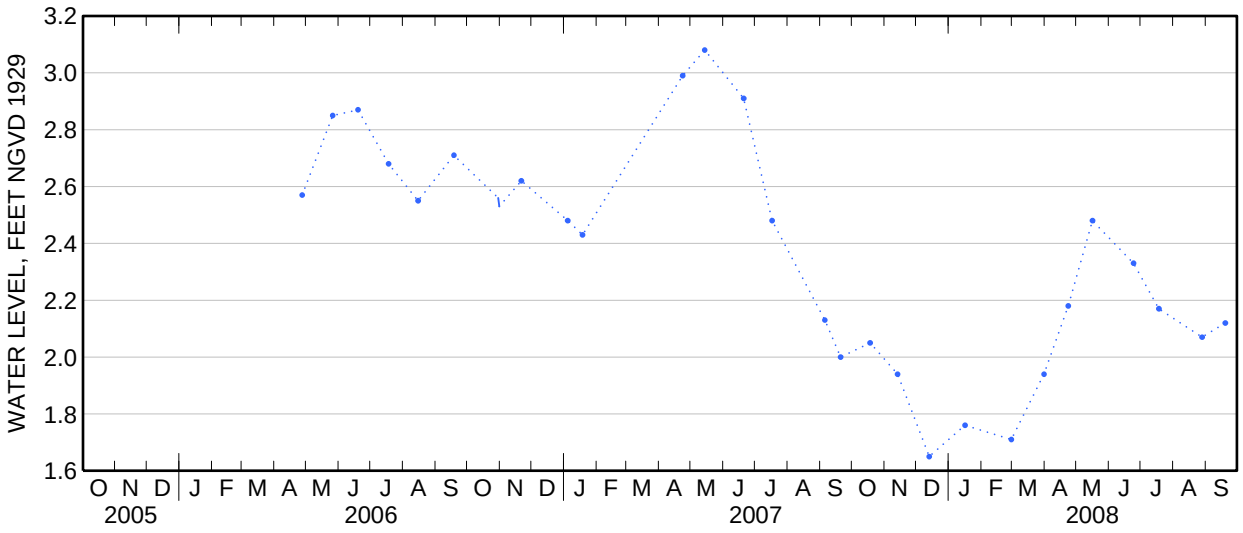
PERIOD OF RECORD.--June 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 2.05 | Apr 23 | 2.18 |
| Nov 13 | 1.94 | May 16 | 2.48 |
| Dec 13 | 1.65 | Jun 24 | 2.33 |
| Jan 16 | 1.76 | Jul 18 | 2.17 |
| Feb 29 | 1.71 | Aug 28 | 2.07 |
| Mar 31 | 1.94 | Sep 19 | 2.12 |



Water-Data Report 2008

# 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.

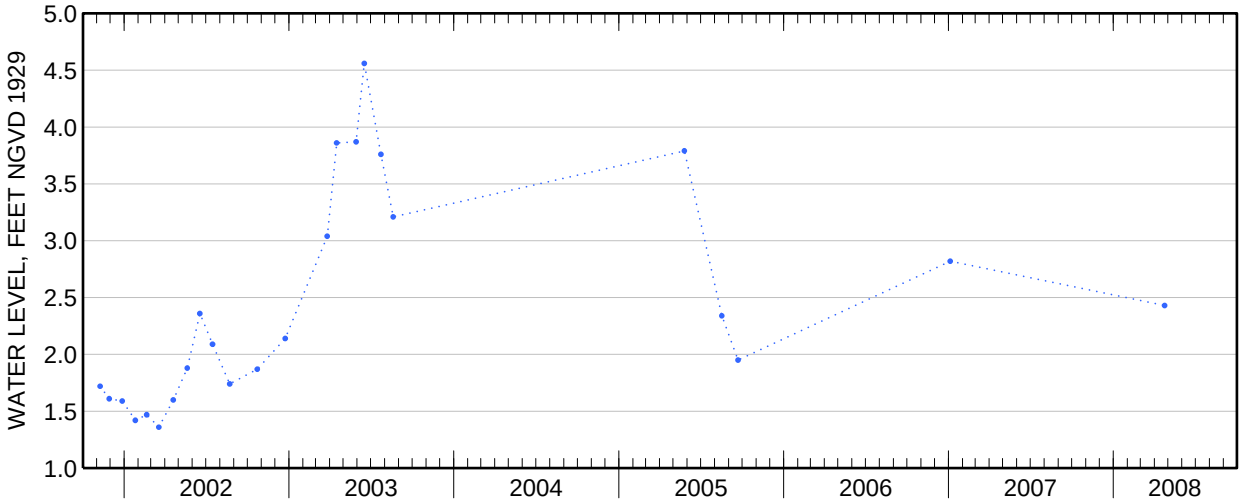
PERIOD OF RECORD.--June 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 2.43 |



Water-Data Report 2008

# 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.

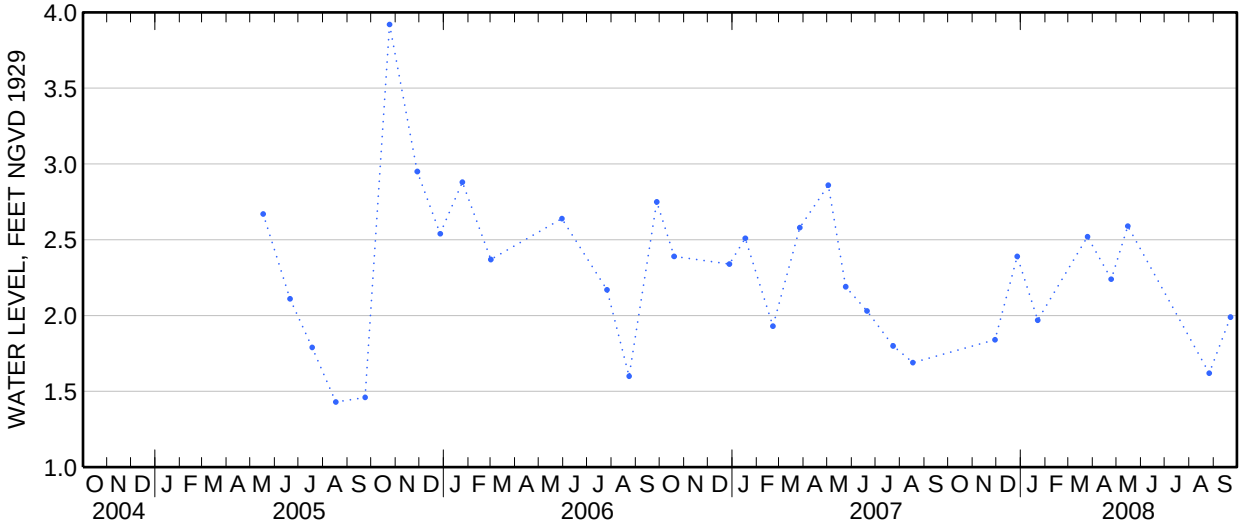
PERIOD OF RECORD.--May 1974 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 1.84 | Apr 24 | 2.24 |
| Dec 27 | 2.39 | May 15 | 2.59 |
| Jan 22 | 1.97 | Aug 26 | 1.62 |
| Mar 25 | 2.52 | Sep 22 | 1.99 |



Water-Data Report 2008

# 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.

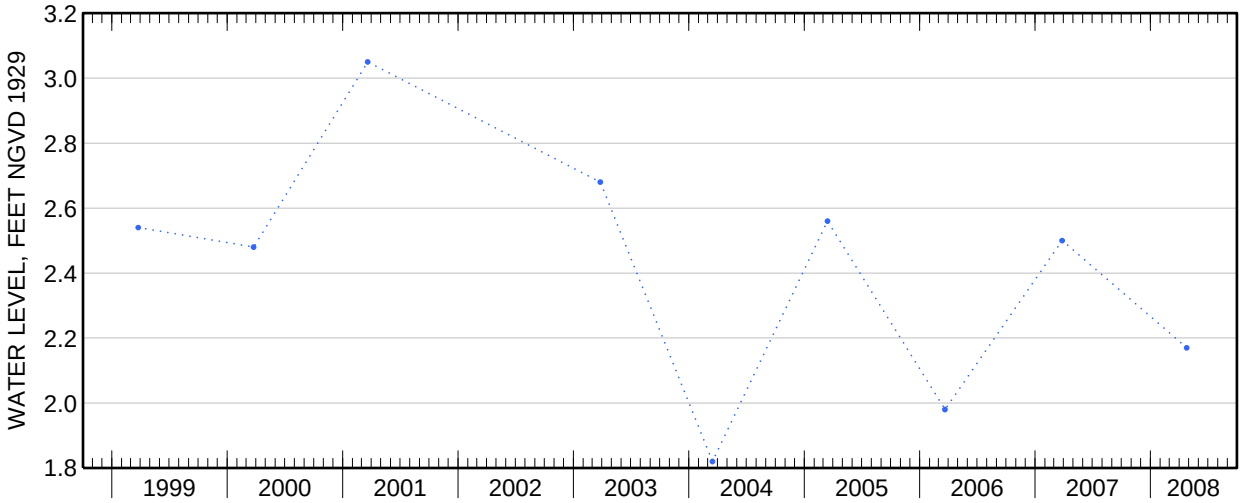
PERIOD OF RECORD.--May 1974 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 2.17 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

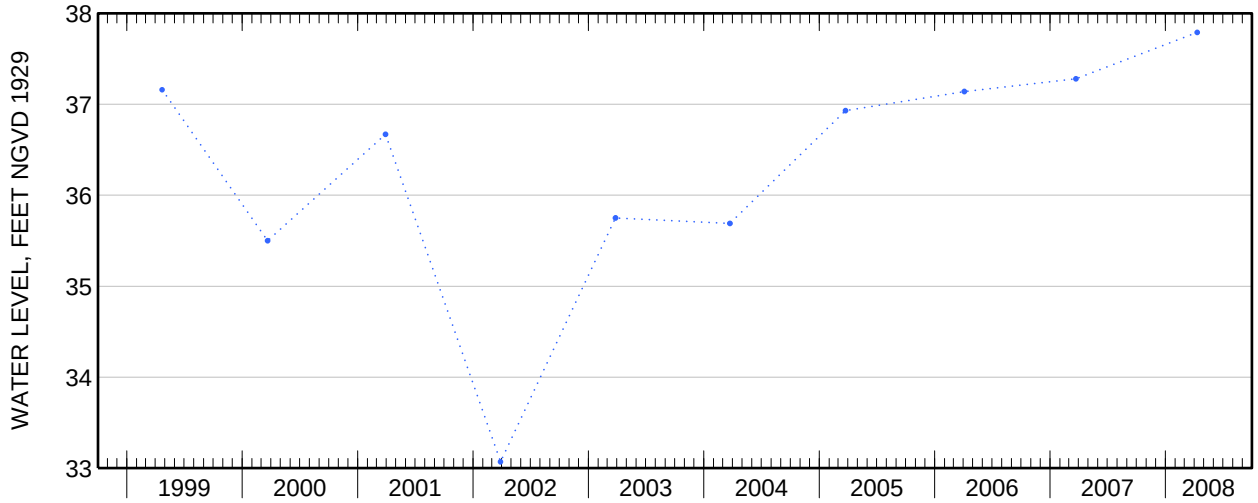
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 10 | 37.79 |



Water-Data Report 2008

# 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.

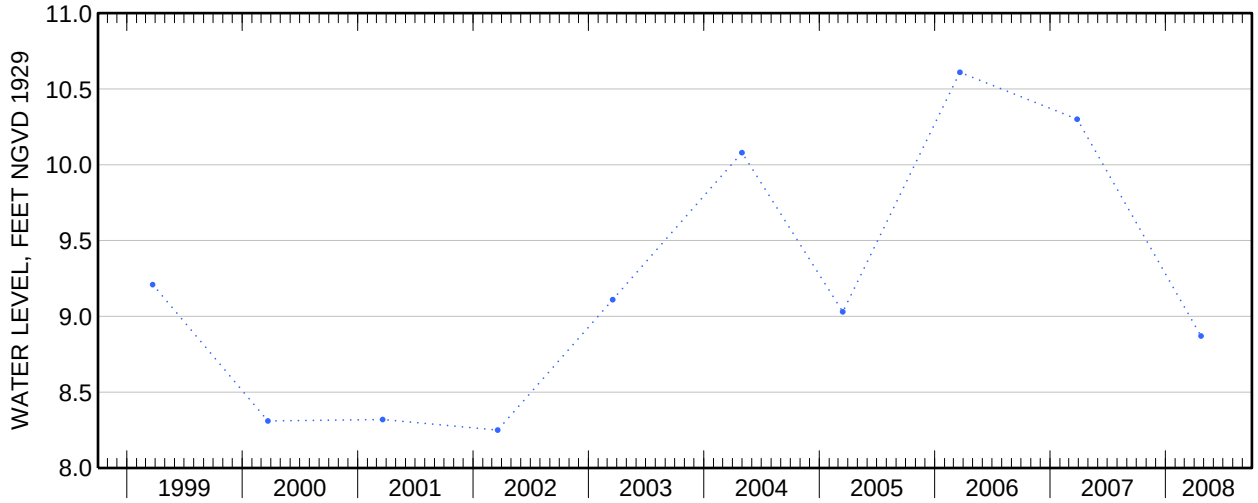
PERIOD OF RECORD.--August 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 8.87 |



Water-Data Report 2008

# 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.

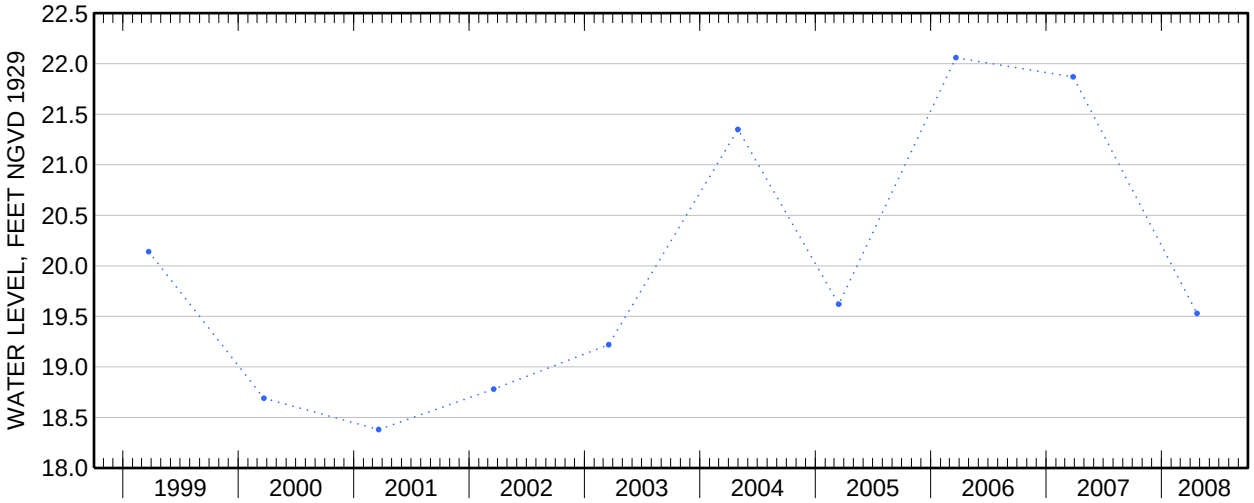
PERIOD OF RECORD.--August 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 19.53 |



Water-Data Report 2008

# 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.

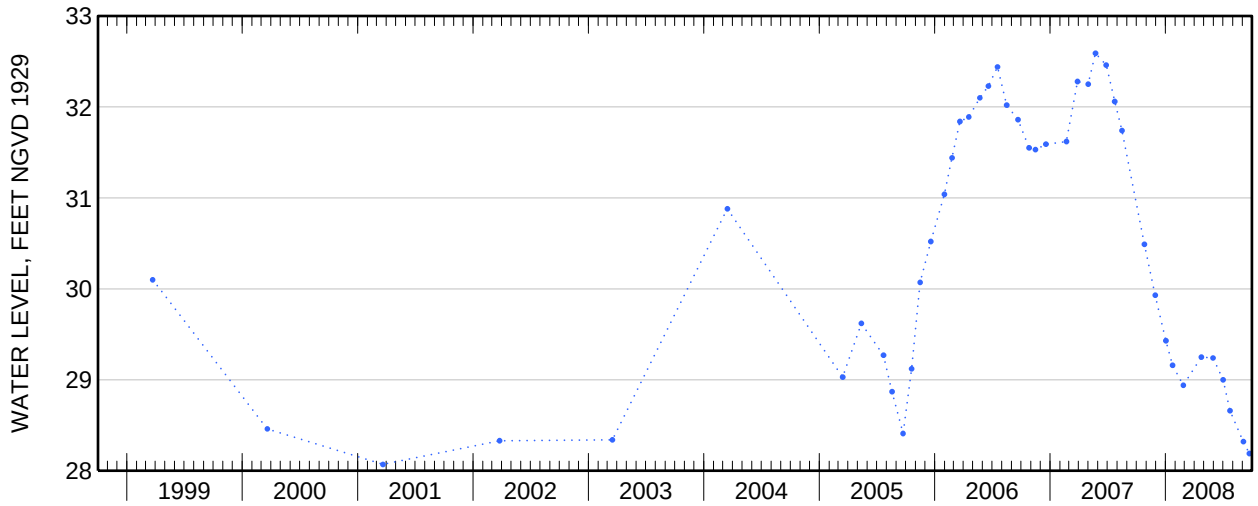
PERIOD OF RECORD.--July 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 30.49 | May 30 | 29.24 |
| Nov 29 | 29.93 | Jul 1 | 29.00 |
| Jan 2 | 29.43 | 23 | 28.66 |
| 23 | 29.16 | Sep 3 | 28.32 |
| Feb 26 | 28.94 | 22 | 28.19 |
| Apr 23 | 29.25 | | |



Water-Data Report 2008

# 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.

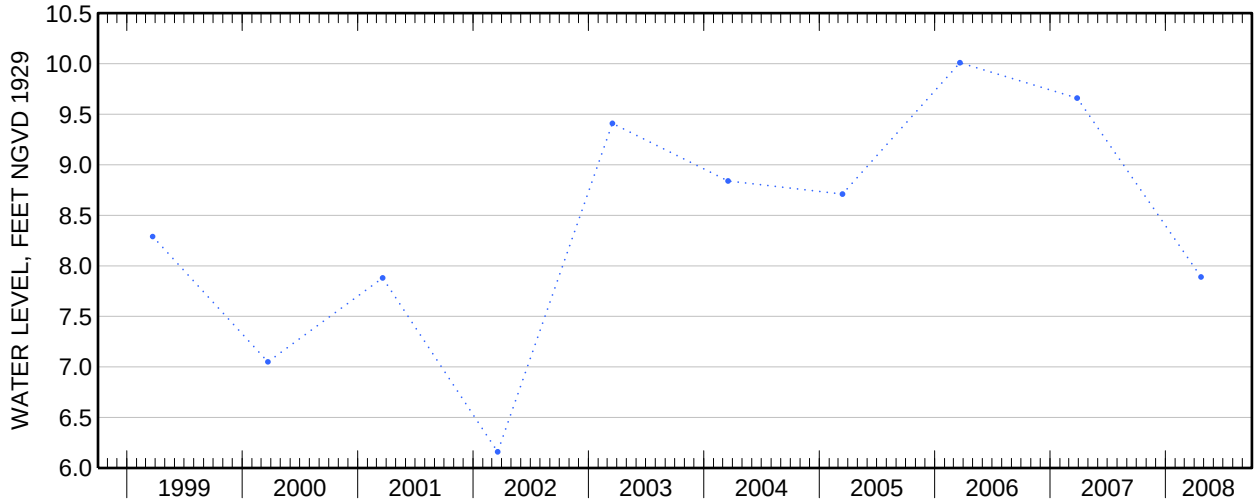
PERIOD OF RECORD.--August 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 7.89 |



Water-Data Report 2008

# 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.

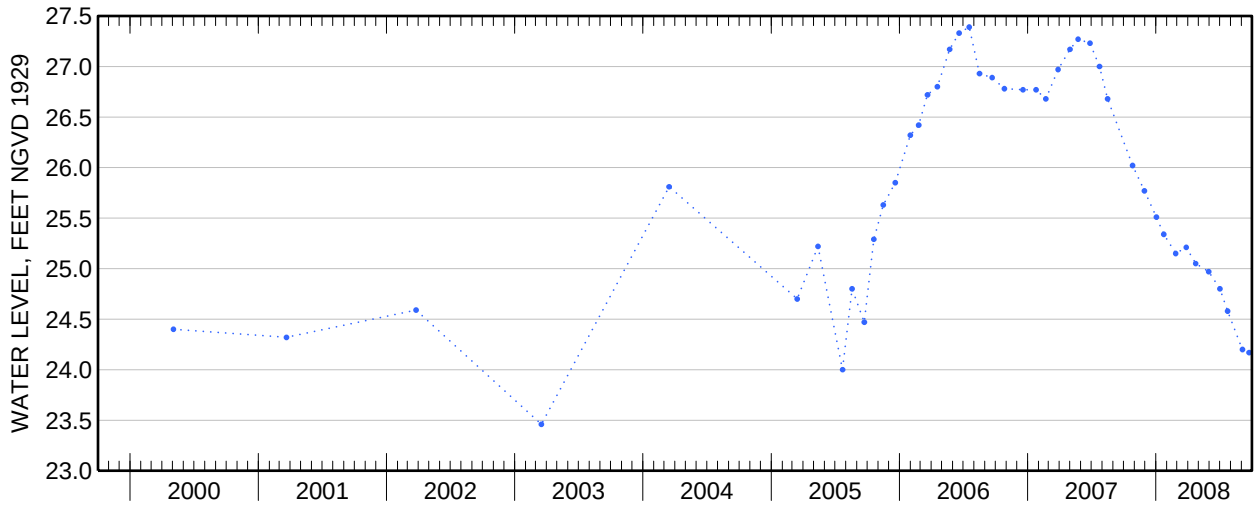
PERIOD OF RECORD.--September 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 26.02 | Apr 23 | 25.05 |
| Nov 29 | 25.77 | May 30 | 24.97 |
| Jan 2 | 25.51 | Jul 1 | 24.80 |
| 23 | 25.34 | 23 | 24.58 |
| Feb 26 | 25.15 | Sep 3 | 24.20 |
| Mar 27 | 25.21 | 22 | 24.17 |



Water-Data Report 2008

# 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.

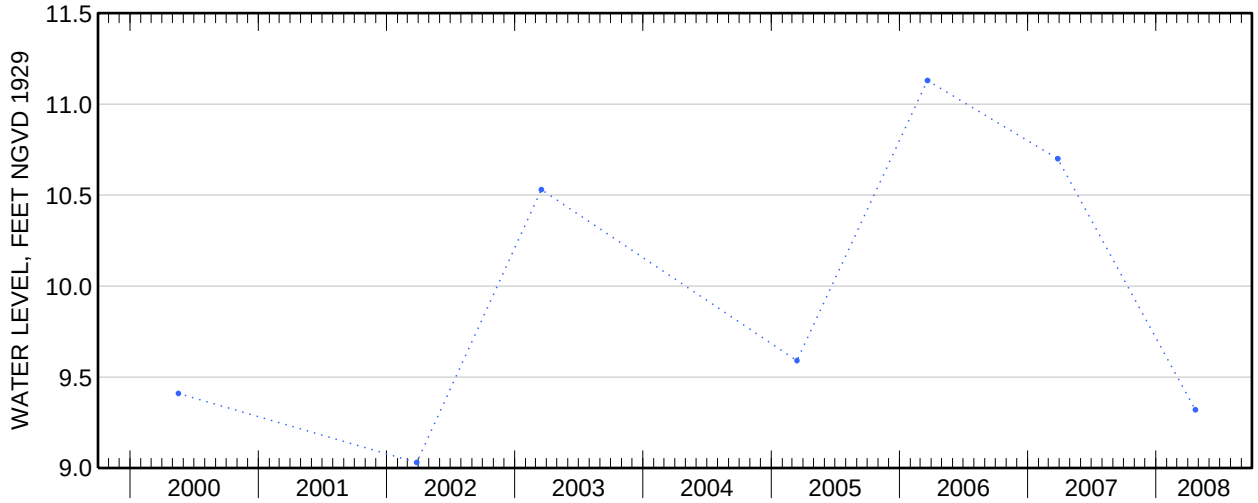
PERIOD OF RECORD.--August 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 9.32 |



Water-Data Report 2008

# 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 Manhanset 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.

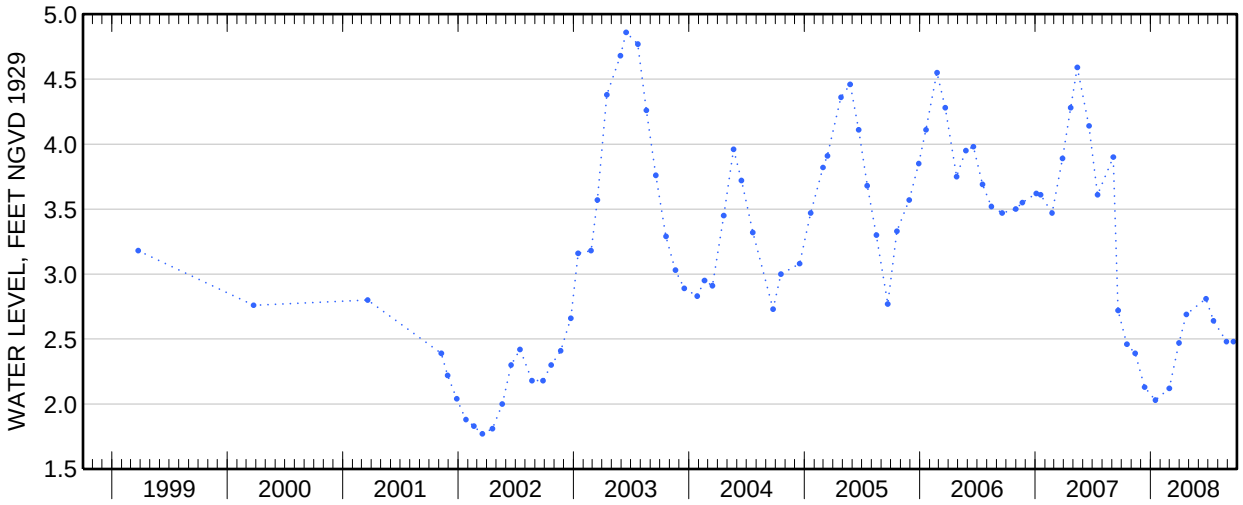
PERIOD OF RECORD.--July 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 2.46 | Apr 23 | 2.69 |
| Nov 13 | 2.39 | Jun 24 | 2.81 |
| Dec 13 | 2.13 | Jul 18 | 2.64 |
| Jan 16 | 2.03 | Aug 28 | 2.48 |
| Feb 29 | 2.12 | Sep 19 | 2.48 |
| Mar 31 | 2.47 | | |



Water-Data Report 2008

# 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.

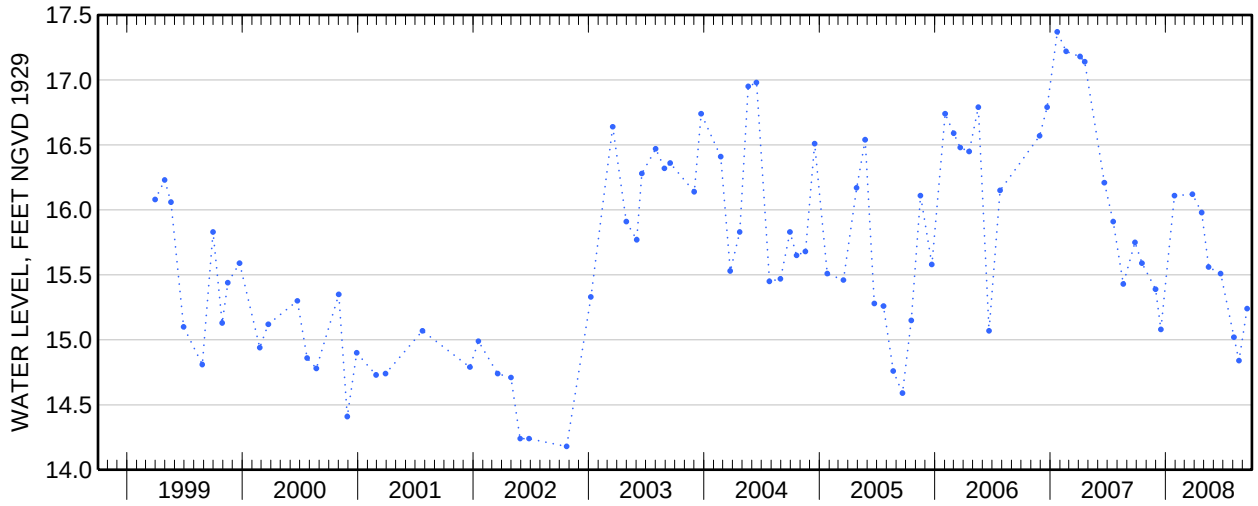
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 15.59 | May 16 | 15.56 |
| Nov 30 | 15.39 | Jun 23 | 15.51 |
| Dec 17 | 15.08 | Aug 4 | 15.02 |
| Jan 29 | 16.11 | 20 | 14.84 |
| Mar 26 | 16.12 | Sep 15 | 15.24 |
| Apr 24 | 15.98 | | |



Water-Data Report 2008

# 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, westernnmost 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.

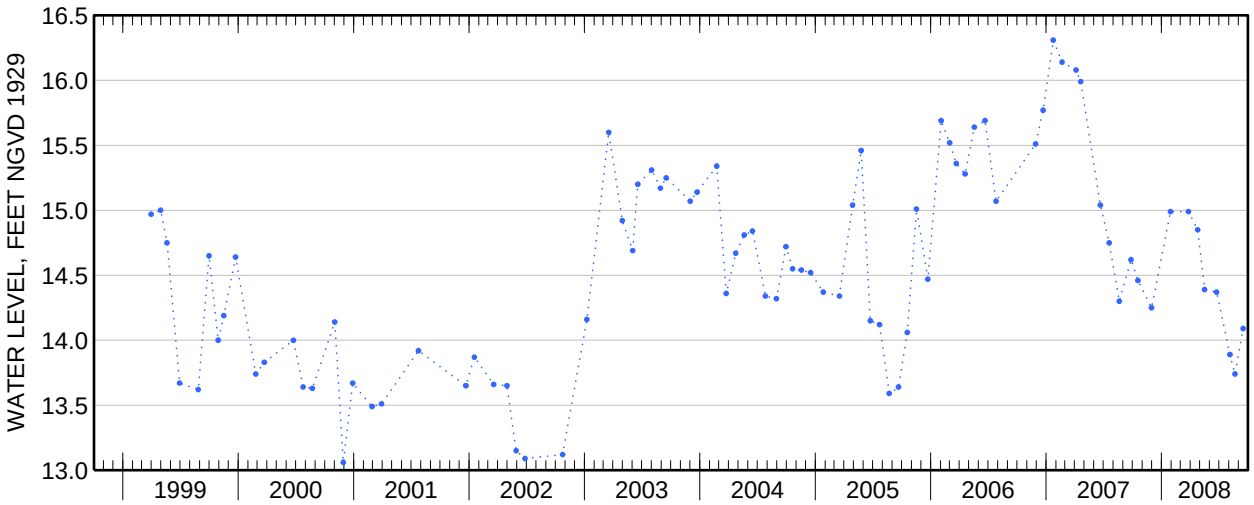
PERIOD OF RECORD.--December 1974 to March 1978, October 1980 to July 1986, and March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 14.46 | May 16 | 14.39 |
| Nov 30 | 14.25 | Jun 23 | 14.37 |
| Jan 29 | 14.99 | Aug 4 | 13.89 |
| Mar 26 | 14.99 | 20 | 13.74 |
| Apr 24 | 14.85 | Sep 15 | 14.09 |



Water-Data Report 2008

# 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.

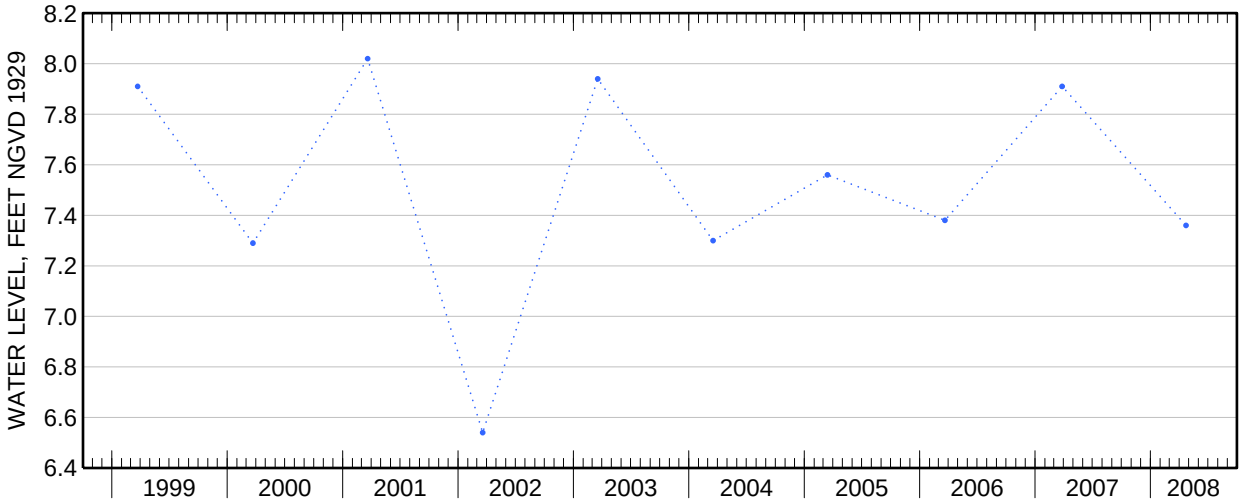
PERIOD OF RECORD.--August 1974 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 7.36 |



Water-Data Report 2008

# 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.

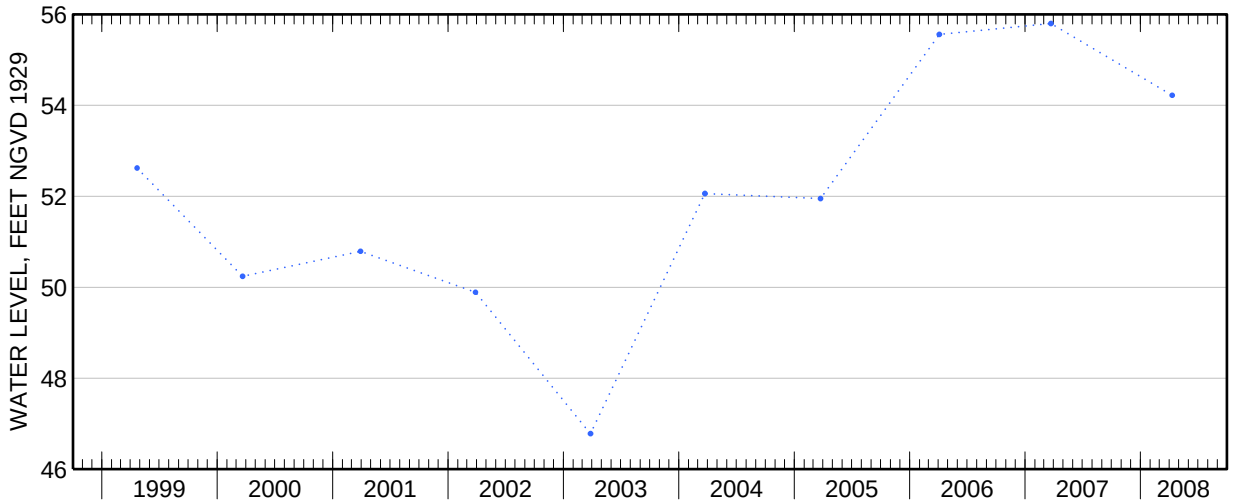
PERIOD OF RECORD.--March 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 10 | 54.22 |



Water-Data Report 2008

# 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.

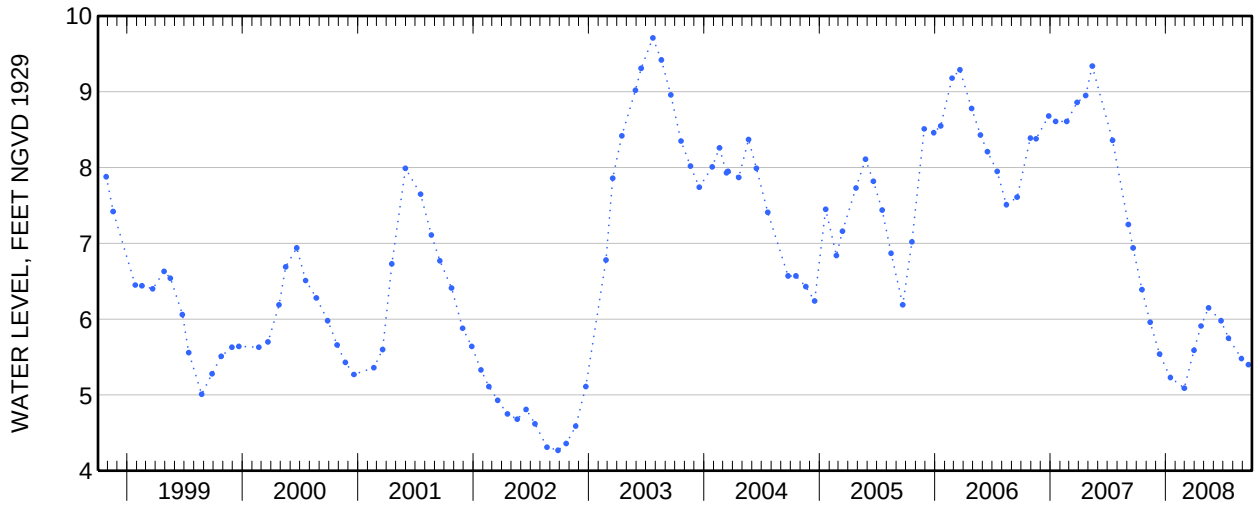
PERIOD OF RECORD.--October 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 6.39 | Apr 22 | 5.91 |
| Nov 13 | 5.96 | May 16 | 6.15 |
| Dec 13 | 5.54 | Jun 24 | 5.98 |
| Jan 16 | 5.23 | Jul 18 | 5.75 |
| Feb 29 | 5.09 | Aug 28 | 5.48 |
| Mar 31 | 5.59 | Sep 19 | 5.40 |



Water-Data Report 2008

# 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.

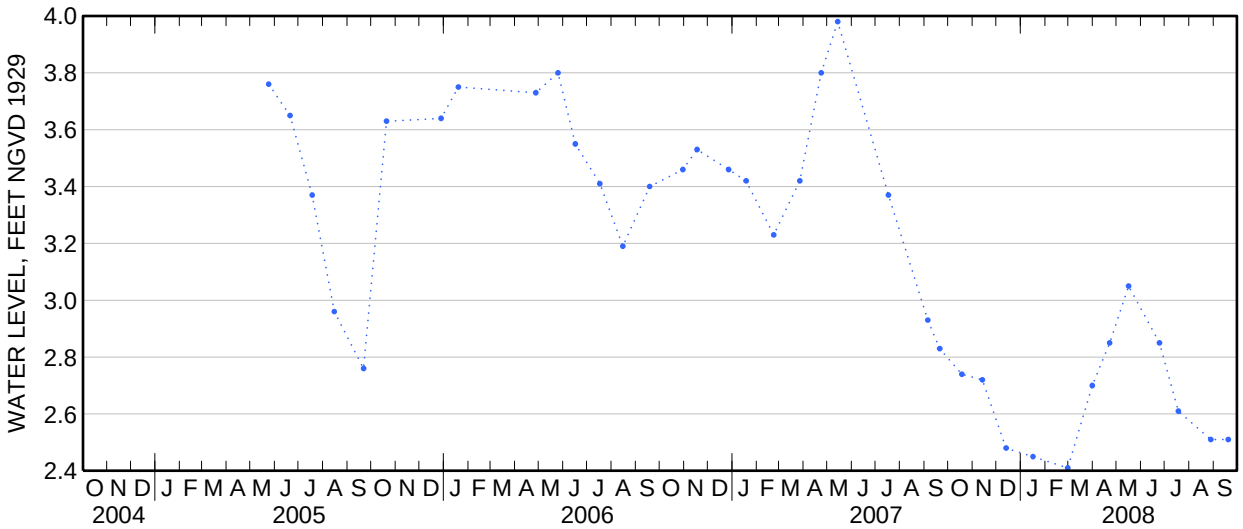
PERIOD OF RECORD.--March 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 2.74 | Apr 22 | 2.85 |
| Nov 13 | 2.72 | May 16 | 3.05 |
| Dec 13 | 2.48 | Jun 24 | 2.85 |
| Jan 16 | 2.45 | Jul 18 | 2.61 |
| Feb 29 | 2.41 | Aug 28 | 2.51 |
| Mar 31 | 2.70 | Sep 19 | 2.51 |



Water-Data Report 2008

# 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 5.77 |

Water-Data Report 2008

# 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.

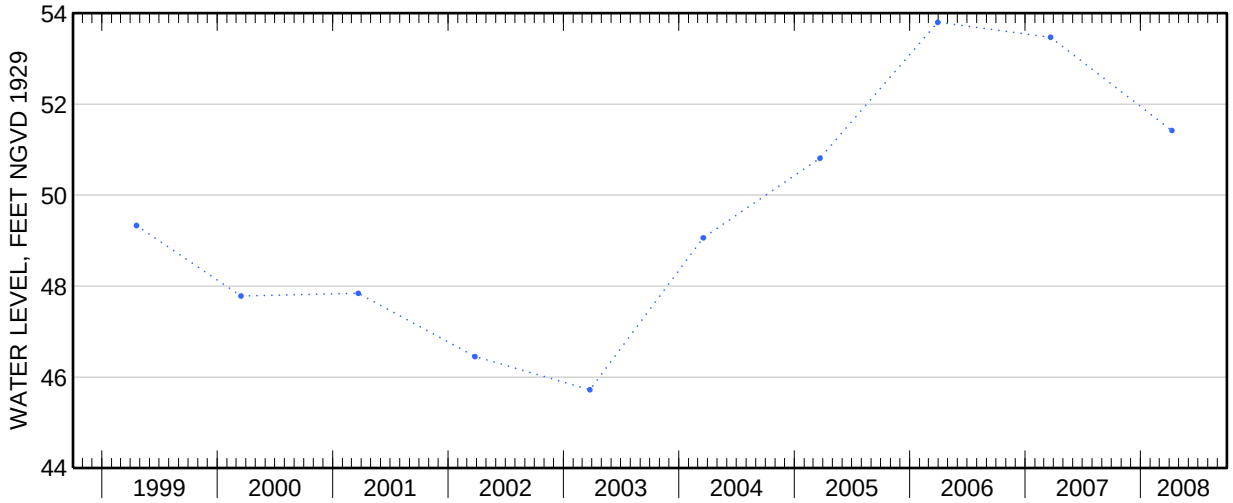
PERIOD OF RECORD.--May 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 51.42 |



Water-Data Report 2008

# 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 45.93 |

Water-Data Report 2008

# 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.

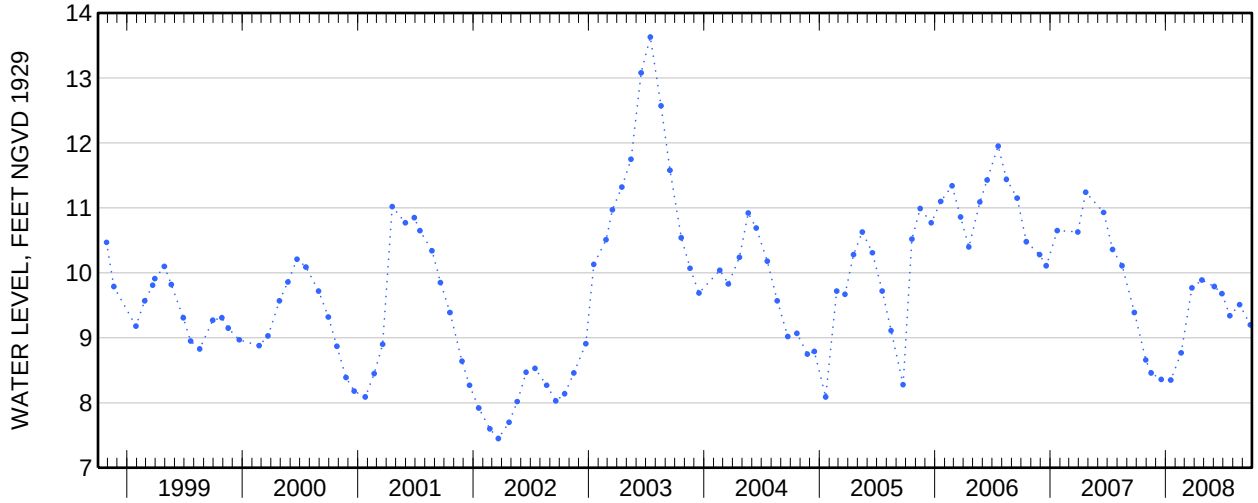
PERIOD OF RECORD.--July 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 8.66 | Apr 25 | 9.89 |
| Nov 16 | 8.46 | Jun 3 | 9.79 |
| Dec 18 | 8.36 | 27 | 9.68 |
| Jan 17 | 8.35 | Jul 22 | 9.34 |
| Feb 19 | 8.77 | Aug 22 | 9.51 |
| Mar 24 | 9.77 | Sep 25 | 9.20 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

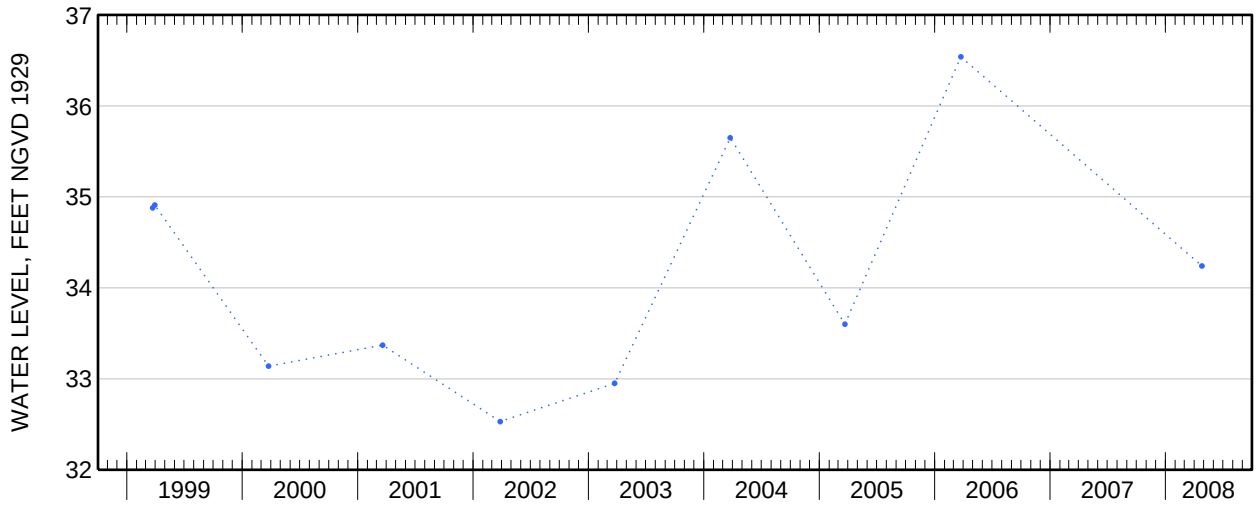
PERIOD OF RECORD.--October 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 34.24 |



Water-Data Report 2008

# 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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 8.75 |

Water-Data Report 2008

# 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.

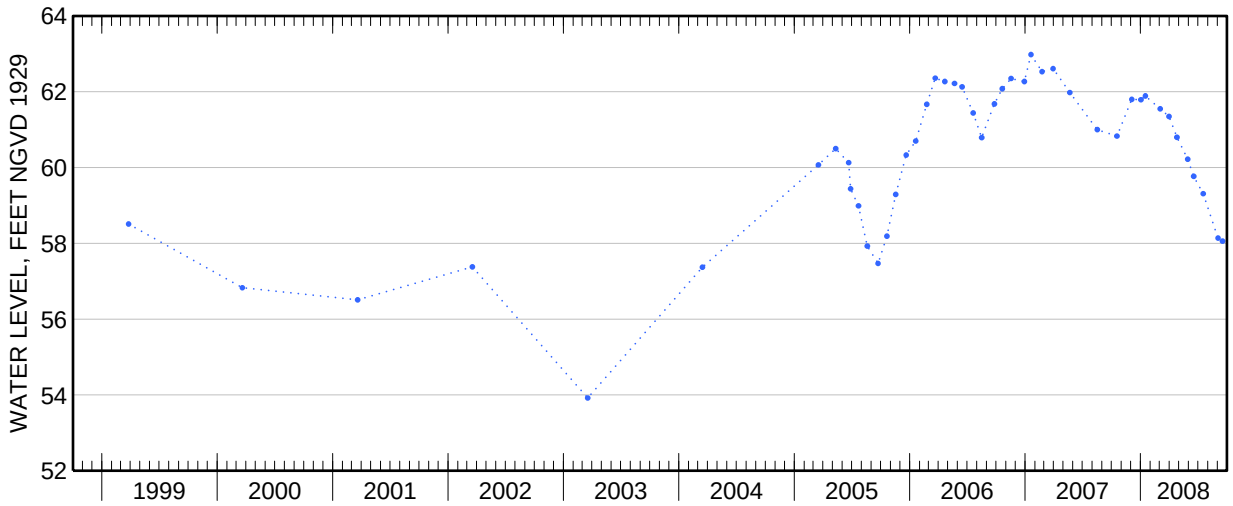
PERIOD OF RECORD.--June 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 60.83 | Apr 25 | 60.80 |
| Dec 4 | 61.80 | May 29 | 60.22 |
| Jan 2 | 61.79 | Jun 17 | 59.77 |
| 16 | 61.89 | Jul 17 | 59.31 |
| Mar 3 | 61.55 | Sep 2 | 58.14 |
| 31 | 61.35 | 16 | 58.06 |



Water-Data Report 2008

# 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.

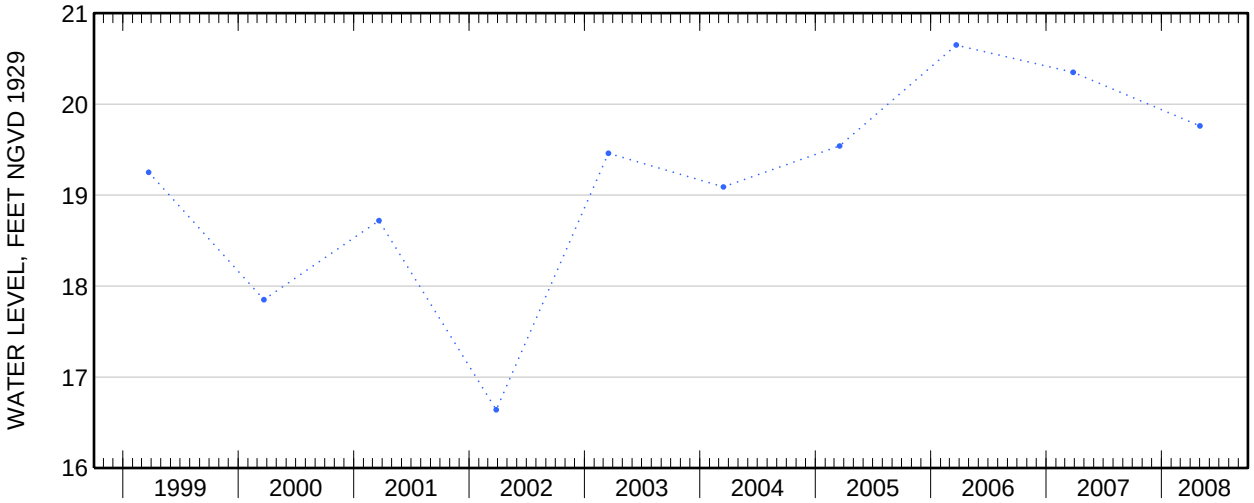
PERIOD OF RECORD.--May 1994 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 1 | 19.76 |



Water-Data Report 2008

# 405326072275601 Local number S 57366. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53'25.6", long 72°27'52.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Hills Station Road, 172 ft south of Long Island Railroad Tressel, Shinnecock Hills.

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 55.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.04 ft below land-surface datum.

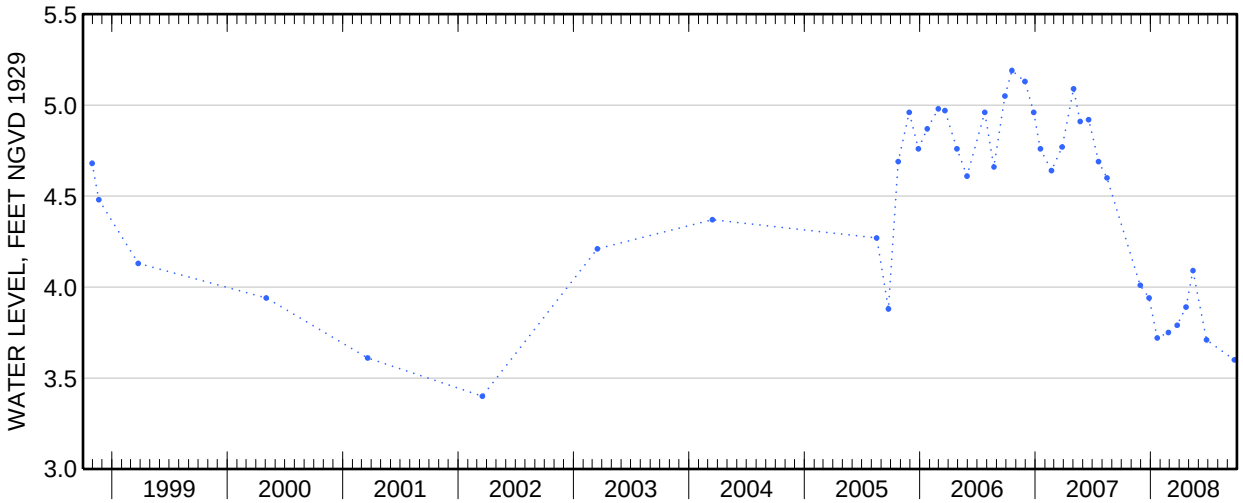
PERIOD OF RECORD.--November 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.84 ft above sea level, June 25, 1998; lowest measured, 3.19 ft above sea level, March 13, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 4.01 | Apr 22 | 3.89 |
| Dec 27 | 3.94 | May 14 | 4.09 |
| Jan 22 | 3.72 | Jun 26 | 3.71 |
| Feb 26 | 3.75 | Sep 22 | 3.60 |
| Mar 25 | 3.79 | | |



Water-Data Report 2008

# 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.

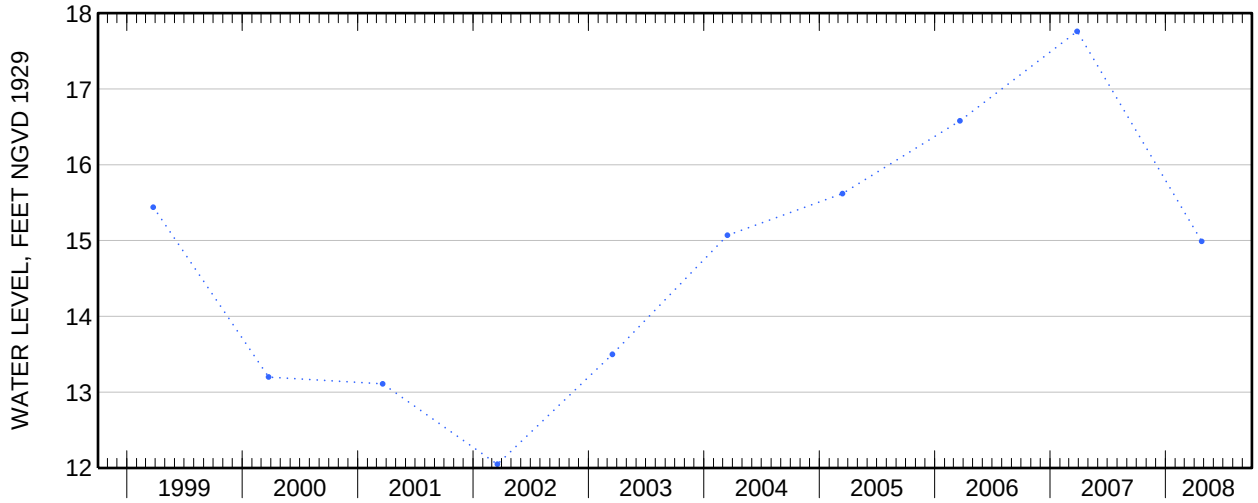
PERIOD OF RECORD.--November 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 14.99 |



Water-Data Report 2008

# 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 Alewive 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.

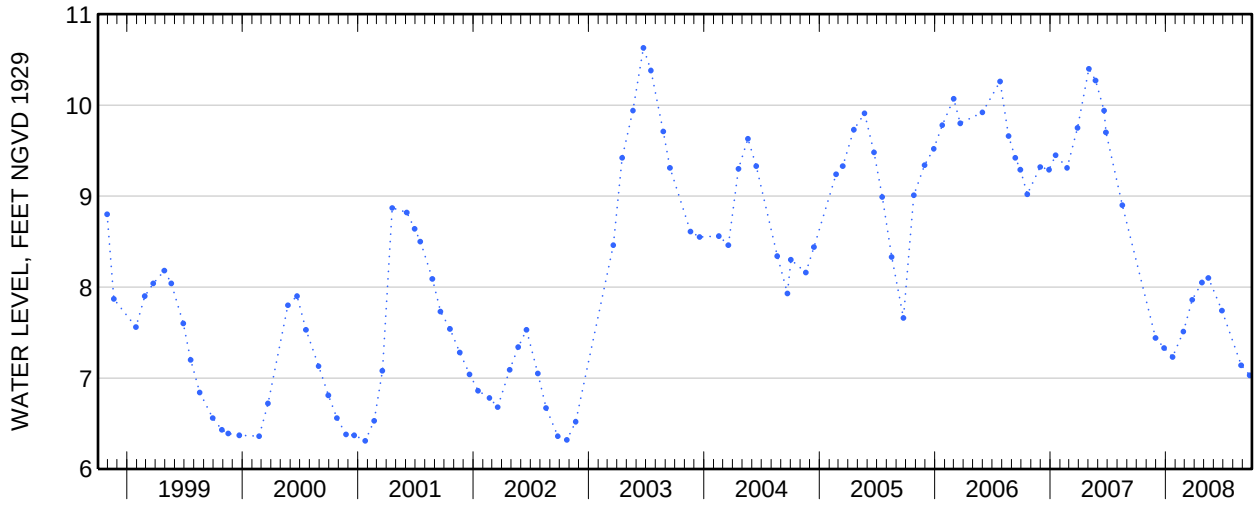
PERIOD OF RECORD.--November 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 7.44 | Apr 25 | 8.05 |
| Dec 27 | 7.33 | May 15 | 8.10 |
| Jan 23 | 7.23 | Jun 27 | 7.74 |
| Feb 26 | 7.51 | Aug 27 | 7.14 |
| Mar 25 | 7.86 | Sep 23 | 7.03 |



Water-Data Report 2008

# 405927072041901 Local number S 57372. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°59′27″, long 72°04′19″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at south side of Montauk Highway (State Route 27), 2.4 miles east of Bluff Road, Napeague State Park.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 12 ft. Upper casing diameter 2 in; top of first opening 8 ft, bottom of last opening 12 ft.

DATUM.--Land-surface datum is 8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.03 ft above land-surface datum.

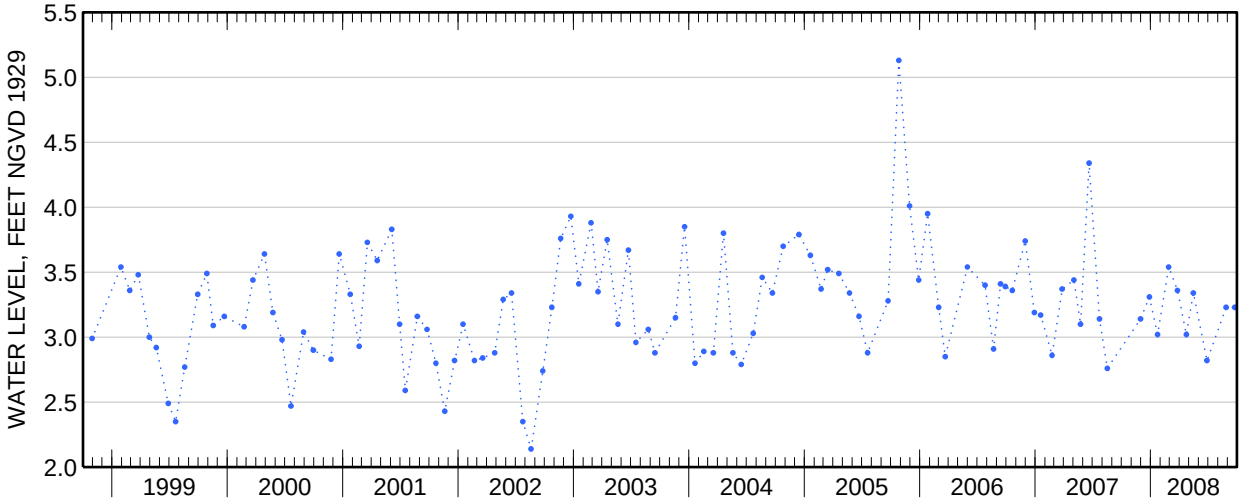
PERIOD OF RECORD.--January 1976 to current year. Unpublished records from January 1976 to September 1983 are available in files of the Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.13 ft above sea level, October 26, 2005; lowest measured, 2.14 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 3.14 | Apr 23 | 3.02 |
| Dec 28 | 3.31 | May 15 | 3.34 |
| Jan 23 | 3.02 | Jun 27 | 2.82 |
| Feb 27 | 3.54 | Aug 27 | 3.23 |
| Mar 26 | 3.36 | Sep 23 | 3.23 |



Water-Data Report 2008

# 404722073093401 Local number S 57458. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°47′22″, long 73°09′34″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 25.5 ft. Upper casing diameter 2 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 47.4 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

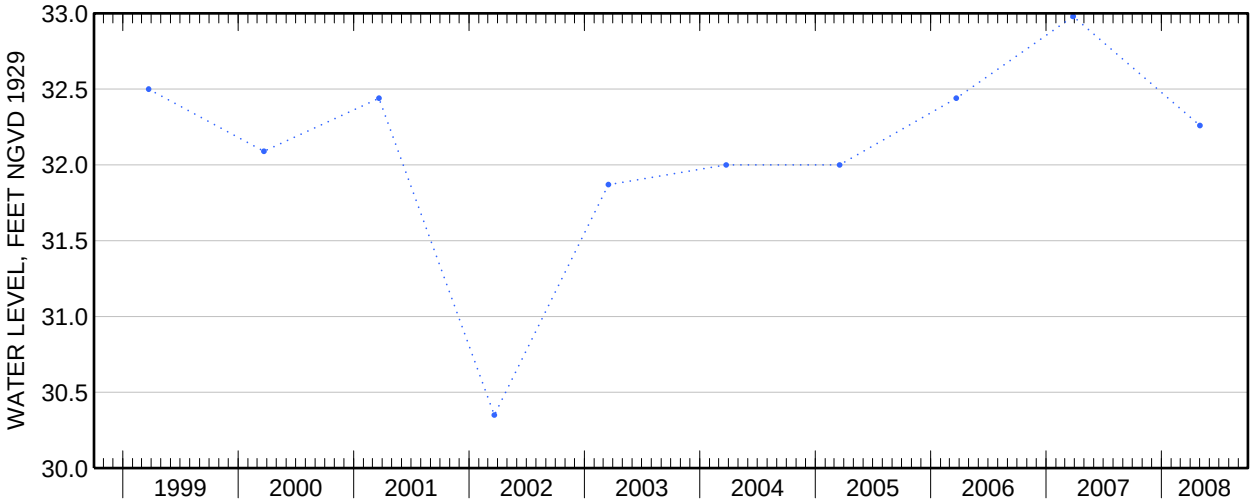
PERIOD OF RECORD.--January 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.98 ft above sea level, January 30, 1979; lowest measured, 29.71 ft above sea level, June 23, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 1 | 32.26 |



Water-Data Report 2008

# 404651073095701 Local number S 57470. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°46′51″, long 73°09′57″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 13.3 ft. Upper casing diameter 2 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.22 ft below land-surface datum.

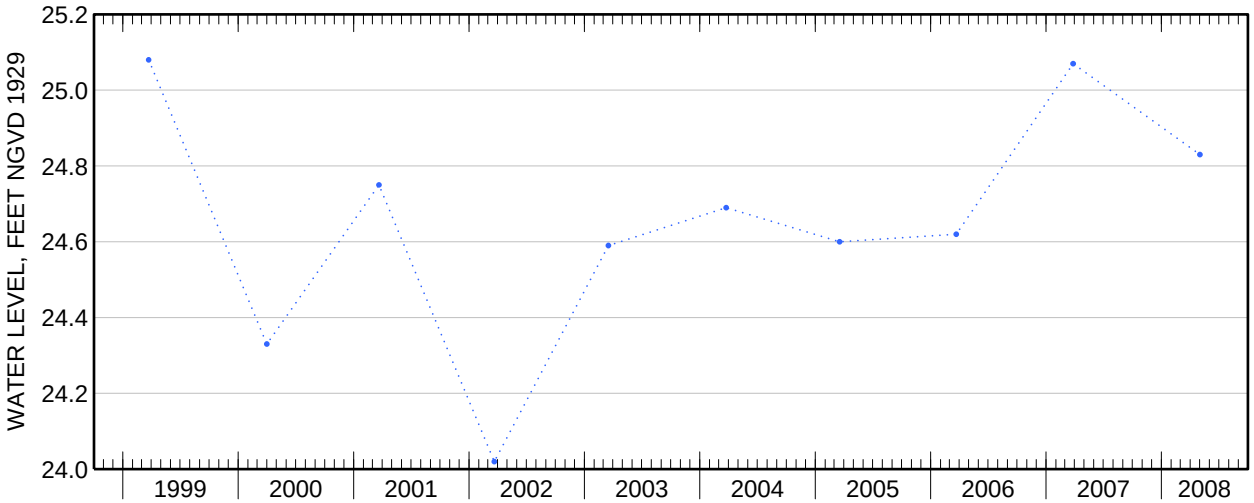
PERIOD OF RECORD.--January 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.89 ft above sea level, February 28, 1979; lowest measured, 23.65 ft above sea level, July 20, 1977.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 1 | 24.83 |



Water-Data Report 2008

# 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.

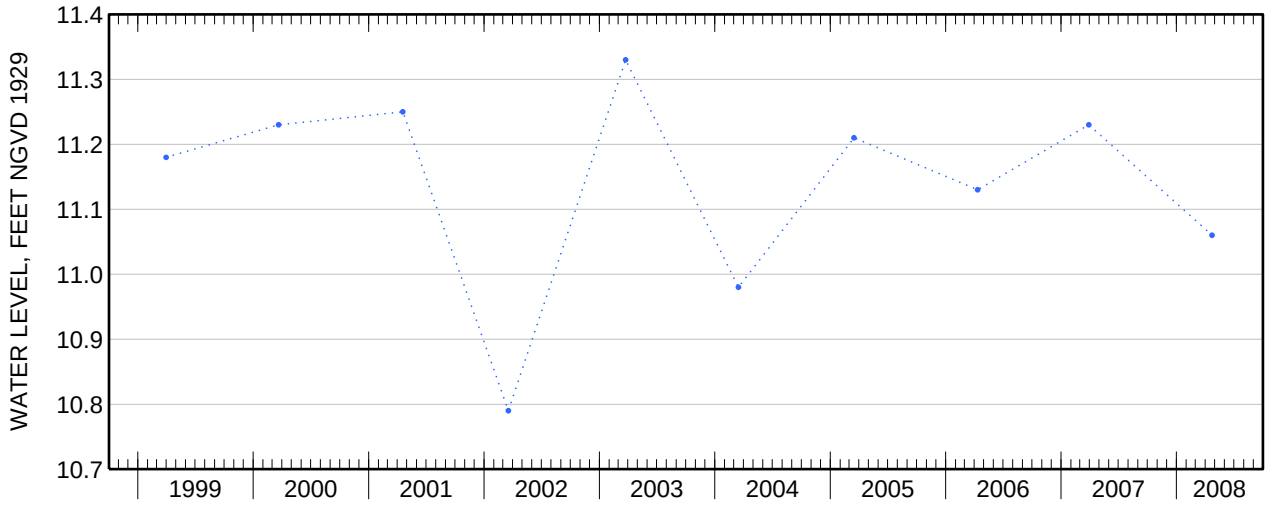
PERIOD OF RECORD.--November 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 11.06 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

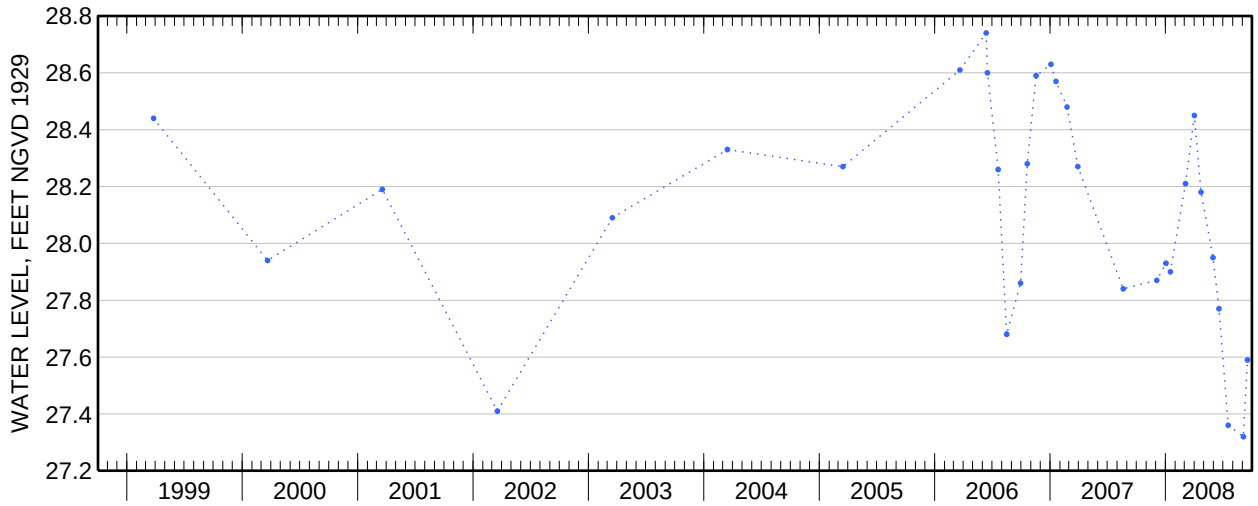
PERIOD OF RECORD.--December 1975 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Dec 4 | 27.87 | May 30 | 27.95 |
| Jan 2 | 27.93 | Jun 18 | 27.77 |
| 16 | 27.90 | Jul 17 | 27.36 |
| Mar 4 | 28.21 | Sep 3 | 27.32 |
| Apr 1 | 28.45 | 16 | 27.59 |
| 22 | 28.18 | | |



Water-Data Report 2008

# 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.

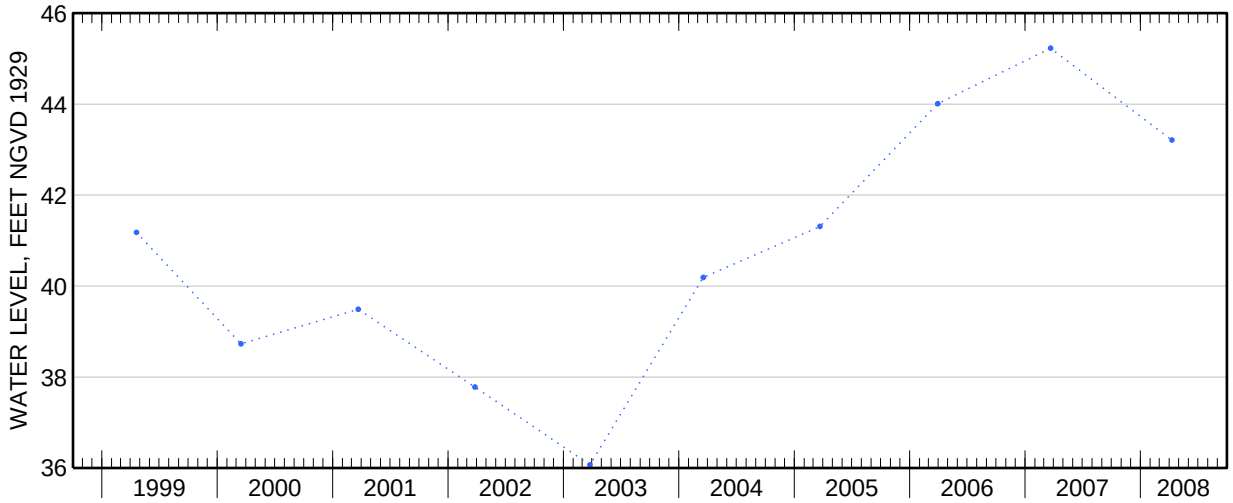
PERIOD OF RECORD.--March 1977 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 43.21 |



Water-Data Report 2008

# 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.

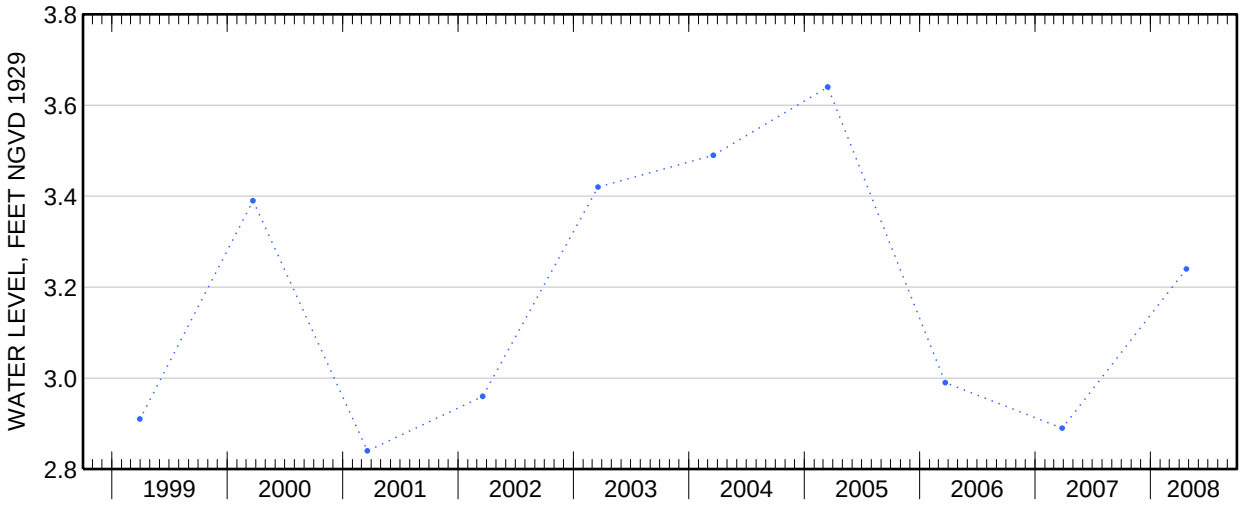
PERIOD OF RECORD.--October 1976 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 3.24 |



Water-Data Report 2008

# 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.

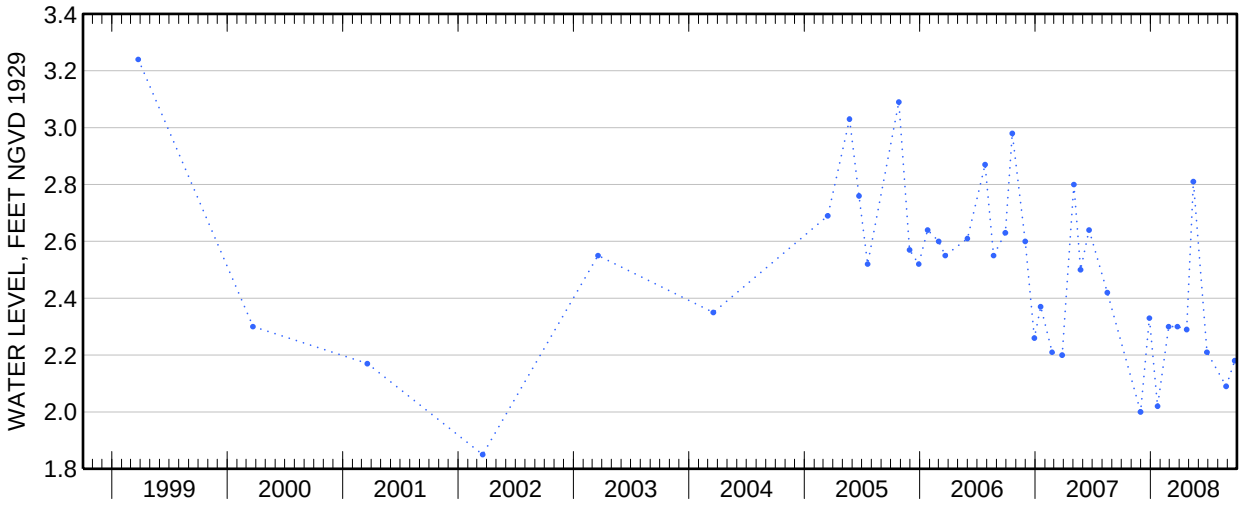
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 2.00 | Apr 24 | 2.29 |
| Dec 28 | 2.33 | May 15 | 2.81 |
| Jan 23 | 2.02 | Jun 27 | 2.21 |
| Feb 27 | 2.30 | Aug 27 | 2.09 |
| Mar 26 | 2.30 | Sep 23 | 2.18 |



Water-Data Report 2008

# 410404071565901 Local number S 58923. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04′01″, long 71°57′01″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 70 ft. Upper casing diameter 4 in; top of first opening 65 ft, bottom of last opening 70 ft.

DATUM.--Land-surface datum is 57.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.71 ft below land-surface datum.

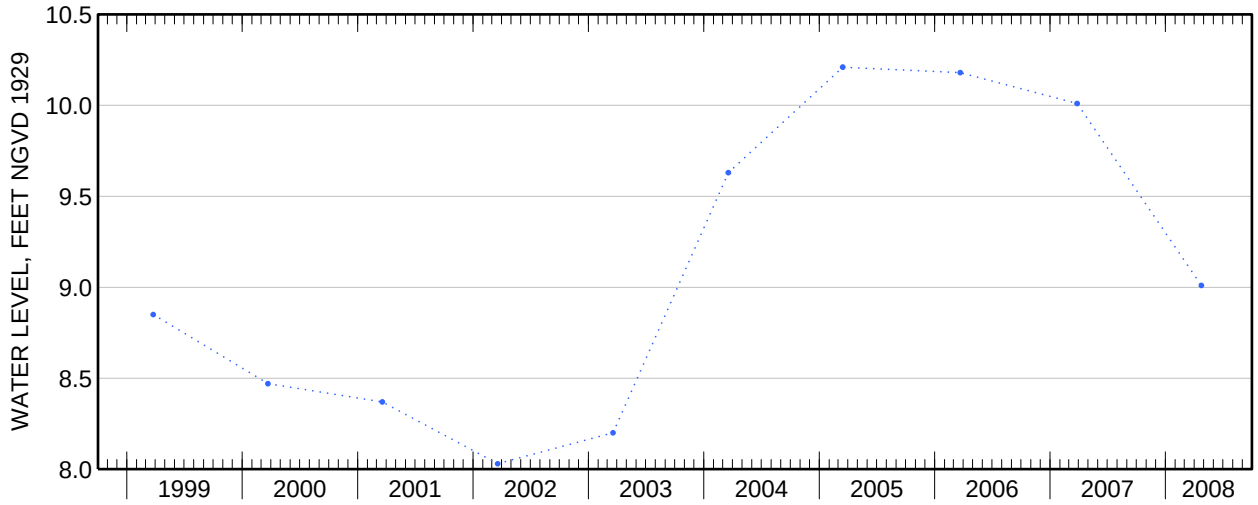
PERIOD OF RECORD.--October 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.21 ft above sea level, March 15, 2005; lowest measured, 6.67 ft above sea level, September 13, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 9.01 |



Water-Data Report 2008

# 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.

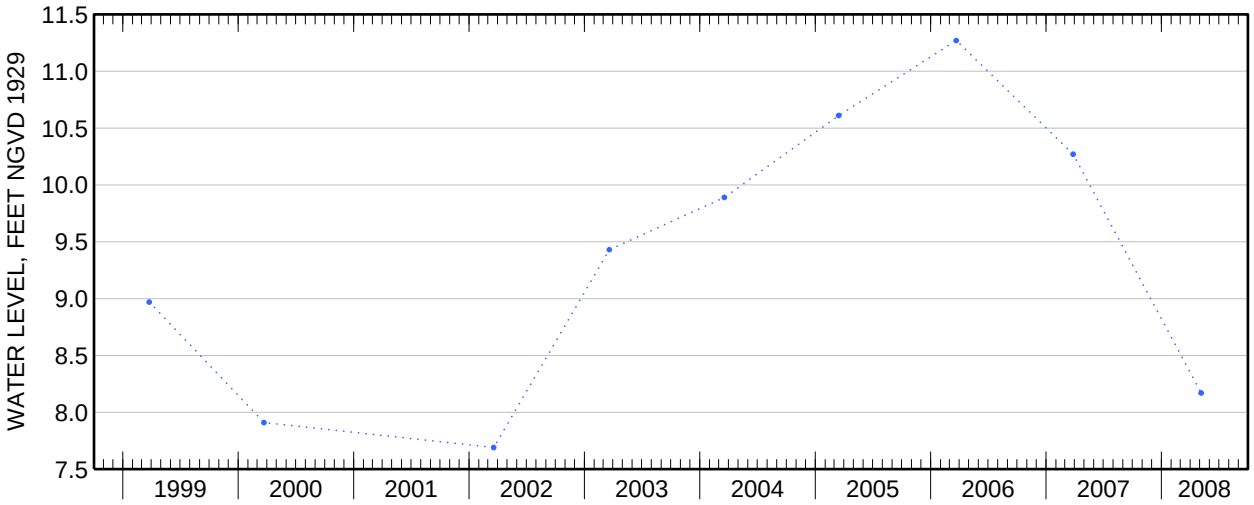
PERIOD OF RECORD.--October 1976 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 5 | 8.17 |



Water-Data Report 2008

# 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.

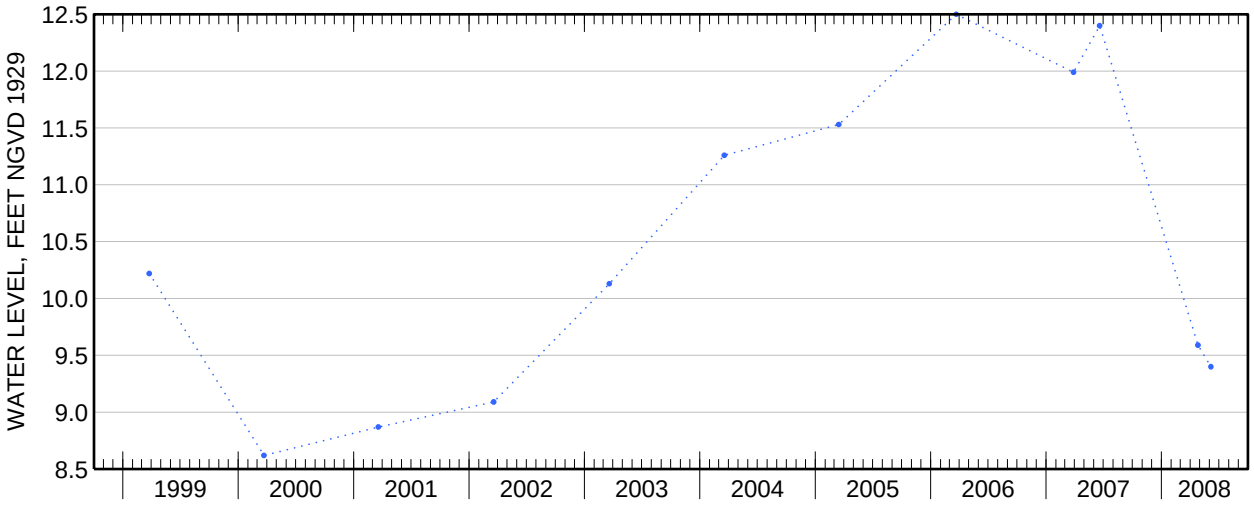
PERIOD OF RECORD.--October 1976 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 25 | 9.59 | Jun 5 | 9.40 |



**405950072124501 Local number S 58925. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 05... | 1000 | 62.60 | 11.3 | 6.0 | 78 | 11.4 | .3 | 62.00 | 58 | 2.80 | 1.26 | .59 | 7.15 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) | 1,4-Di-chloro-benzene water, fltrd, µg/L (34572) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 05... | .03 | 9.12 | <.12 | 13.8 | 6.52 | <.020 | <.04 | <.002 | .011 | <.06 | <8 | E.3n | <.1mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methyl-aniline wat flt µg/L (61620) | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2-methyl-phenol, wat flt µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 05... | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc |

**405950072124501 Local number S 58925. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 | <.016mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc | <.022 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 | <.010mc |

**405950072124501 Local number S 58925. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 | <.006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) | 3-beta-Coprostanol, water, fltrd, µg/L (62057) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 | <1mc |

**405950072124501 Local number S 58925. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) | AHTN, water, fltrd, µg/L (62065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.08 | --u | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 | <.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) | Isoborneol, water, fltrd, µg/L (62077) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <1mc | <.400mc | <.04mc | <.1 | <.5 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Isophorone water, fltrd, µg/L (34409) | Isopropylbenzene water, fltrd, µg/L (62078) | Isoquinoline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicylate, water, fltrd, µg/L (62081) | Naphthalene, water, fltrd, µg/L (34443) | Phenanthrene, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetrachloroethene, water, fltrd, µg/L (34476) | Tribromomethane water, fltrd, µg/L (34288) | Tributyl phosphate, water, fltrd, µg/L (62089) | Triclosan, water, fltrd, µg/L (62090) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **05...** | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 | <.2 |

**405950072124501 Local number S 58925. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 13

[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL. Null value qualifier codes: u, unable to determine-matrix interference.]

| Date | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|
| **Jun** | | | | | |
| **05...** | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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.

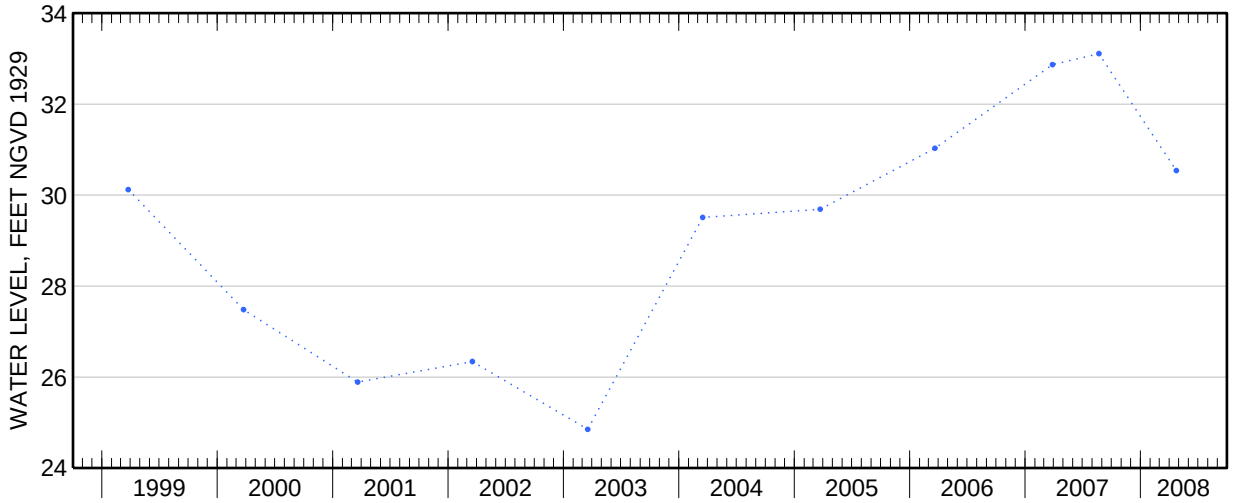
PERIOD OF RECORD.--September 1976 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 30.54 |



**405737072215801 Local number S 58958. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 11... | 0930 | 160.32 | 10.6 | 6.1 | 203 | 11.9 | .4 | 160.17 | 61 | 3.47 | 1.54 | .58 | 5.89 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) | 1,4-Di-chloro-benzene water, fltrd, µg/L (34572) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 11... | .03 | 8.82 | <.12 | 10.5 | 7.42 | <.020 | E.03n | <.002 | .010 | <.06 | E5n | E.3n | <.1mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methyl-aniline wat flt µg/L (61620) | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2-methyl-phenol, wat flt µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 11... | <.04mc | <.006 | <.010 | <.014mc | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc |

**405737072215801 Local number S 58958. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 | <.016mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc | <.022 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 | <.010mc |

**405737072215801 Local number S 58958. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 | <.006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) | 3-beta-Coprostanol, water, fltrd, µg/L (62057) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 | <2mc |

**405737072215801 Local number S 58958. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) | AHTN, water, fltrd, µg/L (62065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.08 | <.6mc | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 | <.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) | Isoborneol, water, fltrd, µg/L (62077) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <2mc | <.400mc | <.04mc | <.1 | <.5 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Isophorone water, fltrd, µg/L (34409) | Isopropylbenzene water, fltrd, µg/L (62078) | Isoquinoline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicylate, water, fltrd, µg/L (62081) | Naphthalene, water, fltrd, µg/L (34443) | Phenanthrene, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetrachloroethene, water, fltrd, µg/L (34476) | Tribromomethane water, fltrd, µg/L (34288) | Tributyl phosphate, water, fltrd, µg/L (62089) | Triclosan, water, fltrd, µg/L (62090) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **11...** | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 | <.2 |

**405737072215801 Local number S 58958. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 13

[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|
| **Jun** | | | | | |
| **11...** | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 405816072162801 Local number S 58959. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°58′08″, long 72°20′35″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 203 ft. Upper casing diameter 4 in; top of first opening 195 ft, bottom of last opening 200 ft.

DATUM.--Land-surface datum is 187.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.48 ft below land-surface datum.

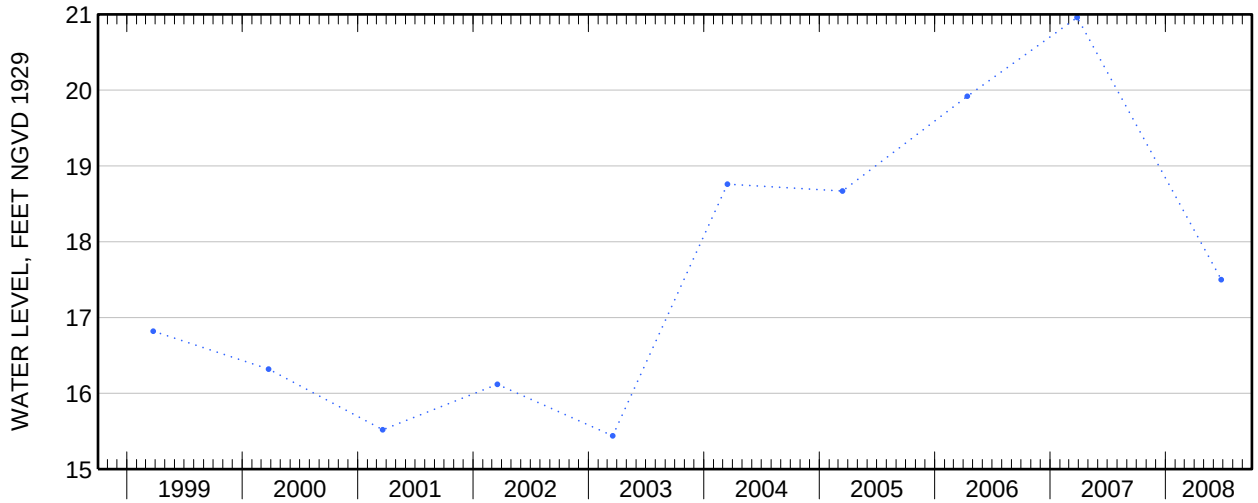
PERIOD OF RECORD.--November 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.96 ft above sea level, March 27, 2007; lowest measured, 14.67 ft above sea level, December 5, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Jun 25 | 17.50 |



**405816072162801 Local number S 58959. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Time | Depth to water level, feet below LSD (72019) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm @ 25 degC (00095) | Temper-ature, water, deg C (00010) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Water level, depth below MP, feet (61055) | Dis-solved solids dried @ 180degC wat flt mg/L (70300) | Calcium water, fltrd, mg/L (00915) | Magnes-ium, water, fltrd, mg/L (00925) | Potas-sium, water, fltrd, mg/L (00935) | Sodium, water, fltrd, mg/L (00930) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | 1101 | 170.00 | 10.9 | 6.1 | 170 | 12.3 | 30 | 169.52 | 123 | 11.7 | 5.99 | .96 | 7.44 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Bromide water, fltrd, mg/L (71870) | Chlor-ide, water, fltrd, mg/L (00940) | Fluor-ide, water, fltrd, mg/L (00950) | Silica, water, fltrd, mg/L as SiO2 (00955) | Sulfate water, fltrd, mg/L (00945) | Ammonia water, fltrd, mg/L as N (00608) | Nitrate + nitrite water fltrd, mg/L as N (00631) | Nitrite water, fltrd, mg/L as N (00613) | Ortho-phos-phate, water, fltrd, mg/L as P (00671) | Total nitro-gen, wat flt by anal ysis, mg/L (62854) | Iron, water, fltrd, µg/L (01046) | Mangan-ese, water, fltrd, µg/L (01056) | 1,4-Di-chloro-benzene water, fltrd, µg/L (34572) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | .03 | 13.4 | <.12 | 15.5 | 17.0 | <.020 | 2.66 | <.002 | .013 | 2.57 | 25 | 19.0 | <.1mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl-6-methyl-aniline wat flt µg/L (61620) | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2-methyl-phenol, wat flt µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.04mc | <.006 | <.010 | E.012mn c | <.010mc | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | E.005n | <.04mc |

**405816072162801 Local number S 58959. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Azinphos-methyl, water, fltrd 0.7u GF µg/L (82686) | Benfluralin, water, fltrd 0.7u GF µg/L (82673) | Bromacil, water, fltrd, µg/L (04029) | Camphor water, fltrd, µg/L (62070) | Carbaryl, water, fltrd 0.7u GF µg/L (82680) | Carbazole, water, fltrd, µg/L (62071) | Carbofuran, water, fltrd 0.7u GF µg/L (82674) | Chlorpyrifos oxon, water, fltrd, µg/L (61636) | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 25... | <.120mc | <.010 | <.4 | <.1 | <.060mc | <.1 | <.020mc | <.06mc | <.005 | <.010 | <.006mc | <.020 | <.016mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | DEET, water, fltrd, µg/L (62082) | Desulfinylfipronil amide, wat flt µg/L (62169) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Diazinon, water, fltrd, µg/L (39572) | Dichlorvos, water, fltrd, µg/L (38775) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 25... | <.014mc | <.003 | <.1 | <.029 | <.012 | <.005 | <.01mc | <.08mc | <.009 | <.006mc | <.01 | <.04mc | <.022 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 25... | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.013 | <.024 | <.020mc | <.010 | <.008 | <.010mc |

**405816072162801 Local number S 58959. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Isofenphos, water, fltrd, µg/L (61594) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (50359) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) | Myclobutanil water, fltrd, µg/L (61599) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.006 | <.004mc | <.020 | <.016 | <.1 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 | <.010 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 8 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Oxyfluorfen, water, fltrd, µg/L (61600) | p-Cresol, water, fltrd, µg/L (62084) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.006 | <.18 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.006 | <.04 | <.004 | <.006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 9 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | 1-Methylnaphthalene, water, fltrd, µg/L (62054) | 2,6-Dimethylnaphthalene, water, fltrd, µg/L (62055) | 2-Methylnaphthalene, water, fltrd, µg/L (62056) | 3-beta-Coprostanol, water, fltrd, µg/L (62057) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.1 | <.1 | <.1 | <1mc |

**405816072162801 Local number S 58959. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 10 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | 3-Methyl-1H-indole, water, fltrd, µg/L (62058) | 3-tert-Butyl-4-hydroxyanisole wat flt µg/L (62059) | 4-Cumylphenol, water, fltrd, µg/L (62060) | 4-n-Octylphenol, water, fltrd, µg/L (62061) | 4-Nonylphenol, all isomers wat flt µg/L (62085) | 4-Nonylphenol diethoxylate, wat flt µg/L (62083) | 4t-Octylphenol diethoxylate, wat flt µg/L (61705) | 4t-Octylphenol monoethoxylate, wat flt µg/L (61706) | 4-tert-Octylphenol, water, fltrd, µg/L (62062) | 5-Methyl-1H-benzotriazole, wat flt µg/L (62063) | 9,10-Anthraquinone water, fltrd, µg/L (62066) | Acetophenone water, fltrd, µg/L (62064) | AHTN, water, fltrd, µg/L (62065) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.08 | <.6mc | <.1 | <.16 | <1mc | <5mc | <1mc | <1mc | <1 | <.08 | <.2 | <.4 | <.5 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 11 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Anthracene, water, fltrd, µg/L (34221) | Benzo[a]pyrene, water, fltrd, µg/L (34248) | Benzophenone water, fltrd, µg/L (62067) | beta-Sitosterol, water, fltrd, µg/L (62068) | beta-Stigmastanol, water, fltrd, µg/L (62086) | Caffeine, water, fltrd, µg/L (50305) | Cholesterol, water, fltrd, µg/L (62072) | Cotinine, water, fltrd, µg/L (62005) | D-Limonene, water, fltrd, µg/L (62073) | Fluoranthene water, fltrd, µg/L (34377) | HHCB, water, fltrd, µg/L (62075) | Indole, water, fltrd, µg/L (62076) | Isoborneol, water, fltrd, µg/L (62077) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.1 | <.1 | <.1 | <2mc | <1mc | <.1 | <1mc | <.400mc | <.04mc | <.1 | <.5 | <.1 | <.1 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 12 of 13
[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Isophorone water, fltrd, µg/L (34409) | Isopropylbenzene water, fltrd, µg/L (62078) | Isoquinoline, water, fltrd, µg/L (62079) | Menthol water, fltrd, µg/L (62080) | Methyl salicylate, water, fltrd, µg/L (62081) | Naphthalene, water, fltrd, µg/L (34443) | Phenanthrene, water, fltrd, µg/L (34462) | Phenol, water, fltrd, µg/L (34466) | Pyrene, water, fltrd, µg/L (34470) | Tetrachloroethene, water, fltrd, µg/L (34476) | Tribromomethane water, fltrd, µg/L (34288) | Tributyl phosphate, water, fltrd, µg/L (62089) | Triclosan, water, fltrd, µg/L (62090) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | | | | |
| **25...** | <.1 | <.1mc | <.2 | <.2 | <.1 | <.1 | <.1 | <.2 | <.1 | <.1mc | <.1mc | <.2 | <.2 |

**405816072162801 Local number S 58959. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 13 of 13

[Remark codes: <, less than; E, estimated. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method; n, below the LRL and above the LT-MDL.]

| Date | Tri-ethyl citrate water, fltrd, µg/L (62091) | Tri-phenyl phos-phate, water, fltrd, µg/L (62092) | Tris(2-butoxy-ethyl) phos-phate, wat flt µg/L (62093) | Tris(2-chloro-ethyl) phos-phate, wat flt µg/L (62087) | Tris(di chloro-i-Pr) phos-phate, wat flt µg/L (62088) |
|---|---|---|---|---|---|
| **Jun** | | | | | |
| **25...** | <.2 | <.1 | <.4mc | <.1 | <.1 |

Water-Data Report 2008

# 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.

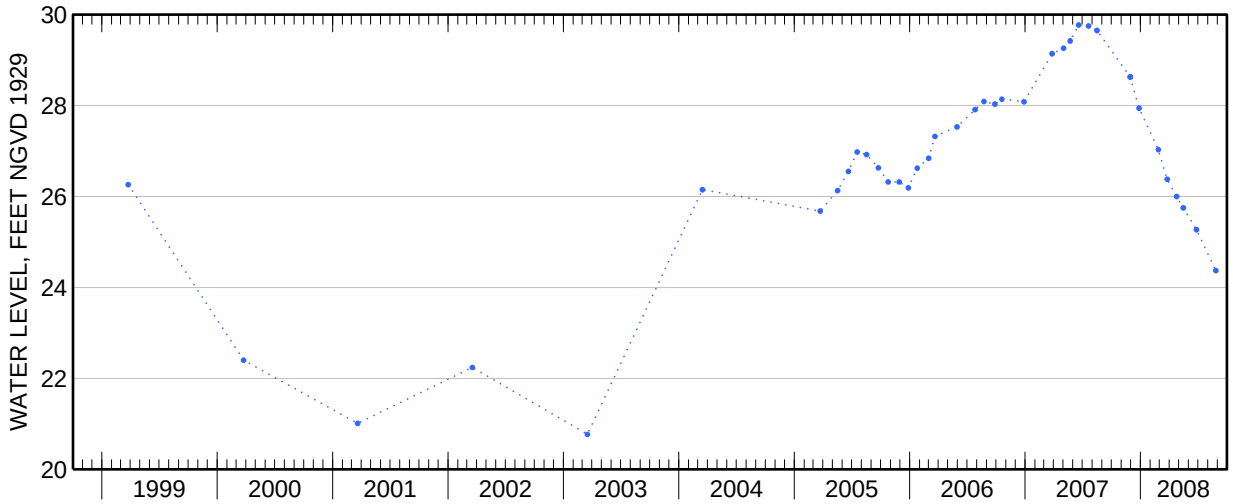
PERIOD OF RECORD.--October 1976 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 28.63 | Apr 24 | 26.00 |
| Dec 27 | 27.94 | May 15 | 25.75 |
| Feb 26 | 27.03 | Jun 26 | 25.27 |
| Mar 25 | 26.38 | Aug 26 | 24.37 |



Water-Data Report 2008

# 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.

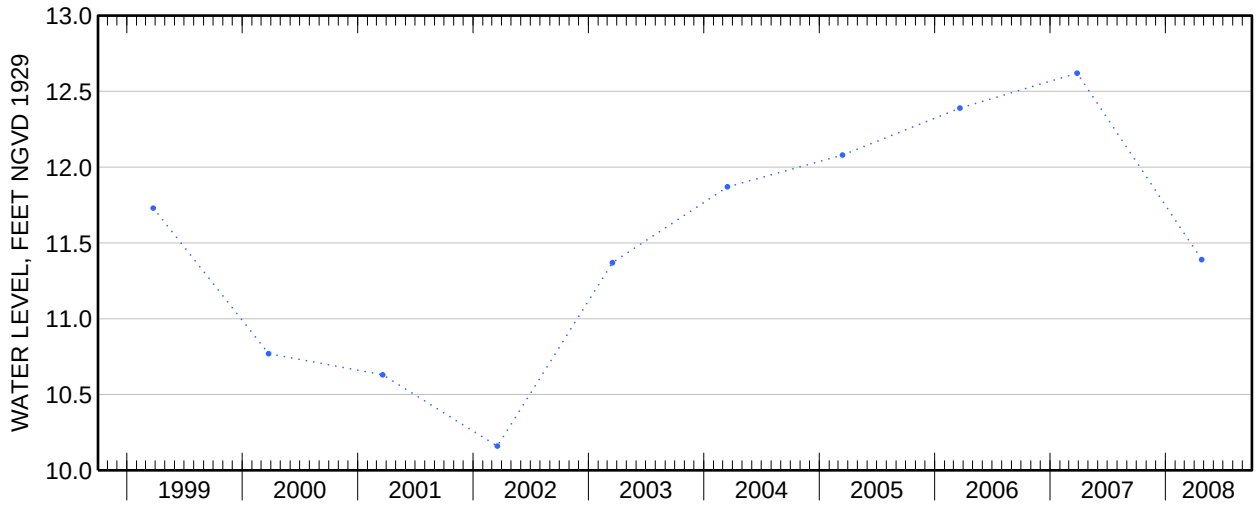
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 11.39 |



Water-Data Report 2008

# 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.

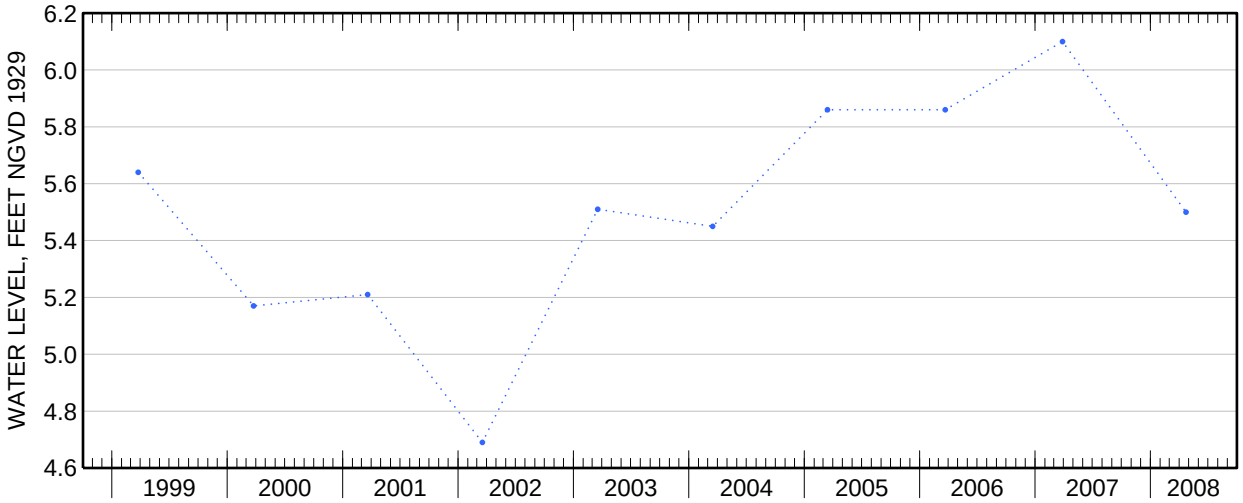
PERIOD OF RECORD.--November 1977 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 5.50 |



Water-Data Report 2008

# 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.

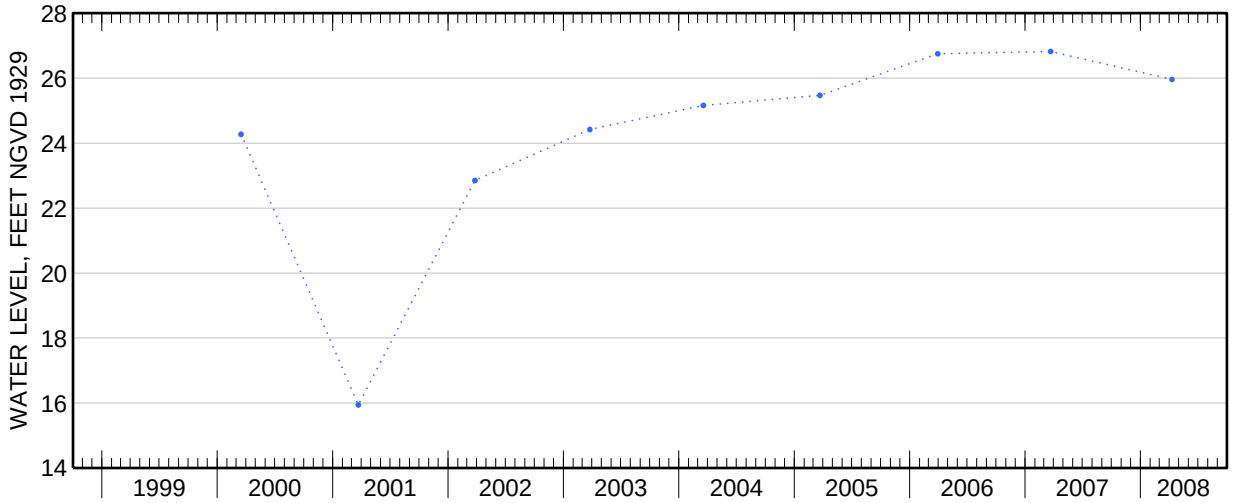
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 25.96 |



Water-Data Report 2008

# 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.

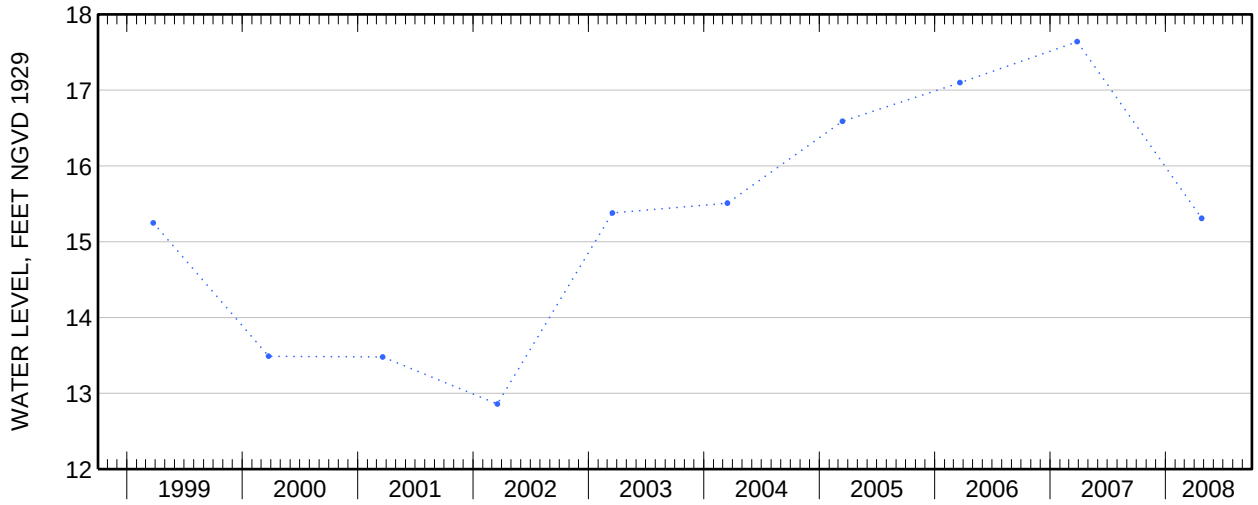
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 15.31 |



Water-Data Report 2008

# 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.

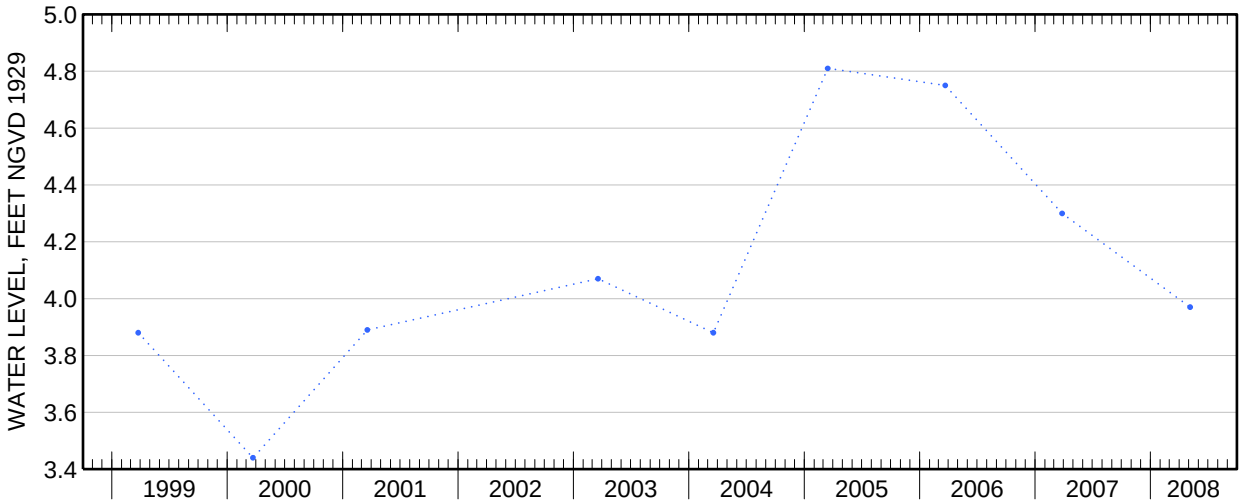
PERIOD OF RECORD.--December 1980 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 5 | 3.97 |



Water-Data Report 2008

# 415843072213401 Local number S 62402. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°58'58.5", long 72°21'34.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south end of Club Lane, 587 ft east of Wildwood Road, Noyack.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 84 ft. Upper casing diameter 2 in; top of first opening 80 ft, bottom of last opening 84 ft.

DATUM.--Land-surface datum is 99.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.22 ft below land-surface datum.

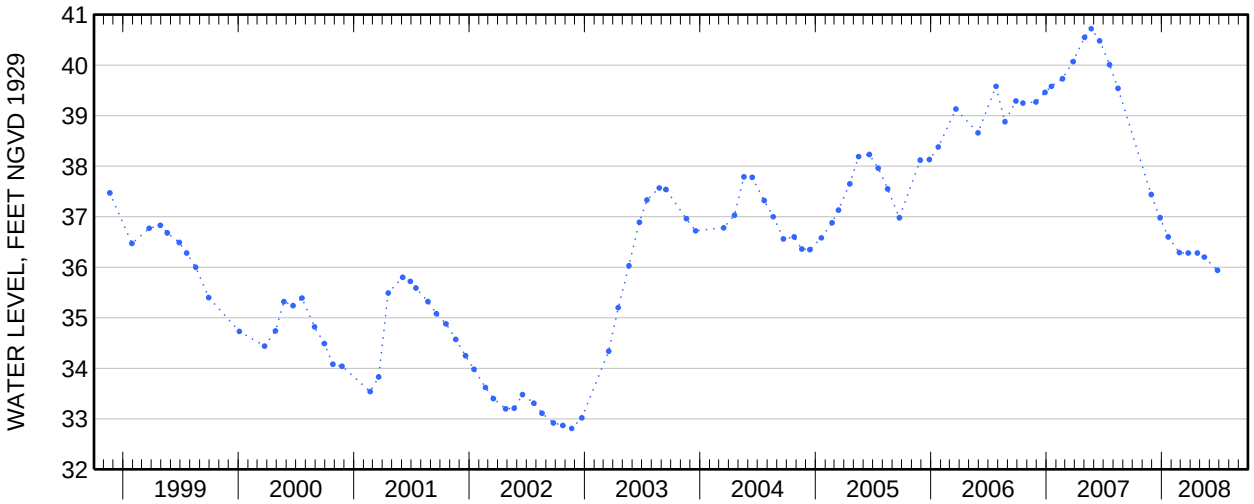
PERIOD OF RECORD.--June 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.72 ft above sea level, May 23, 2007; lowest measured, 32.58 ft above sea level, December 5, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 37.44 | Mar 25 | 36.28 |
| Dec 27 | 36.98 | Apr 23 | 36.28 |
| Jan 22 | 36.60 | May 15 | 36.20 |
| Feb 26 | 36.29 | Jun 26 | 35.94 |



Water-Data Report 2008

# 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.

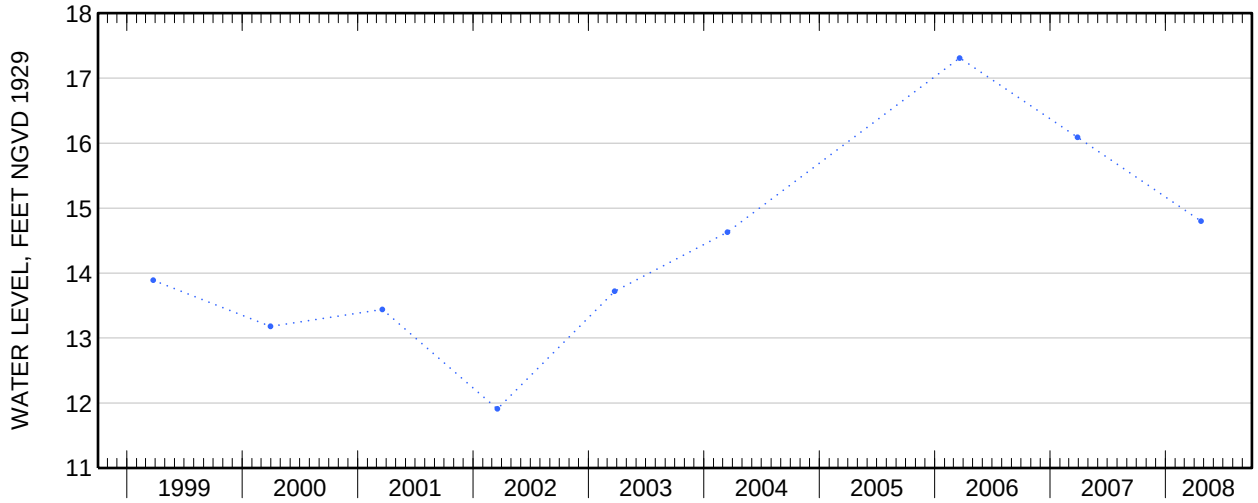
PERIOD OF RECORD.--October 1977 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 14.80 |



Water-Data Report 2008

# 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.

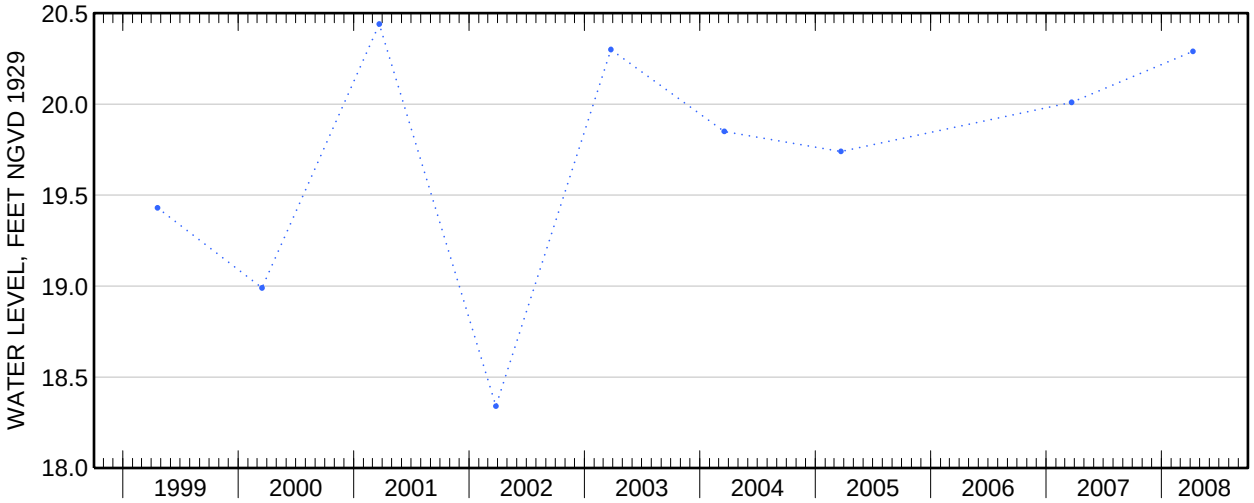
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 20.29 |



Water-Data Report 2008

# 404520073102001 Local number S 63814. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°45'20.9", long 73°10'17.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 2 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.82 ft below land-surface datum.

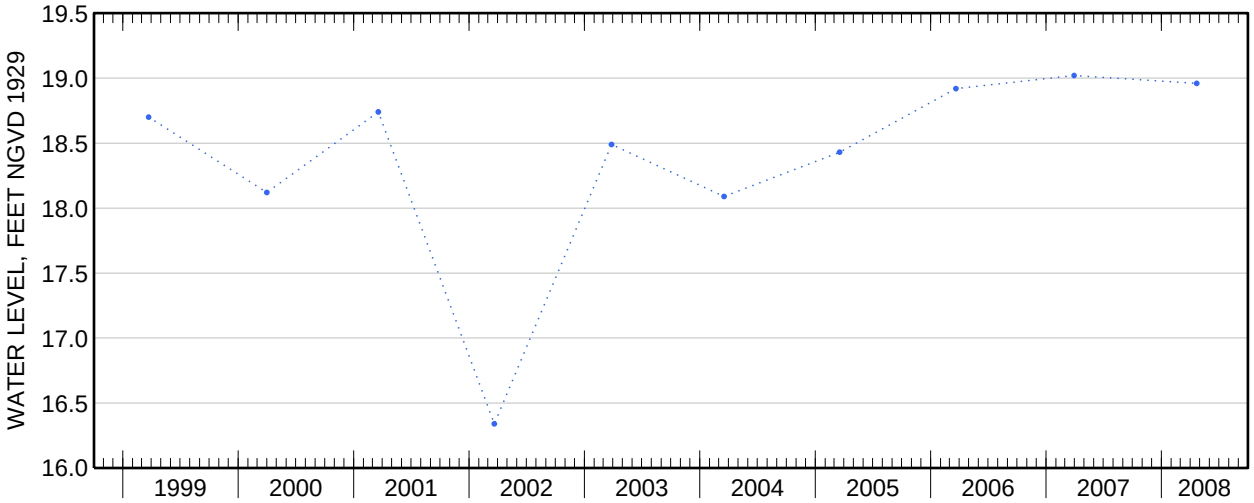
PERIOD OF RECORD.--March 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.34 ft above sea level, January 29, 1979; lowest measured, 16.09 ft above sea level, December 18, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 18.96 |



Water-Data Report 2008

# 404356073105501 Local number S 63830. 1

Northern Atlantic Coastal Plain aquifer system
Undefined Aquifer

Suffolk County, NY

LOCATION.--Lat 40°43'56.3", long 73°10'54.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 17.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.05 ft below land-surface datum.

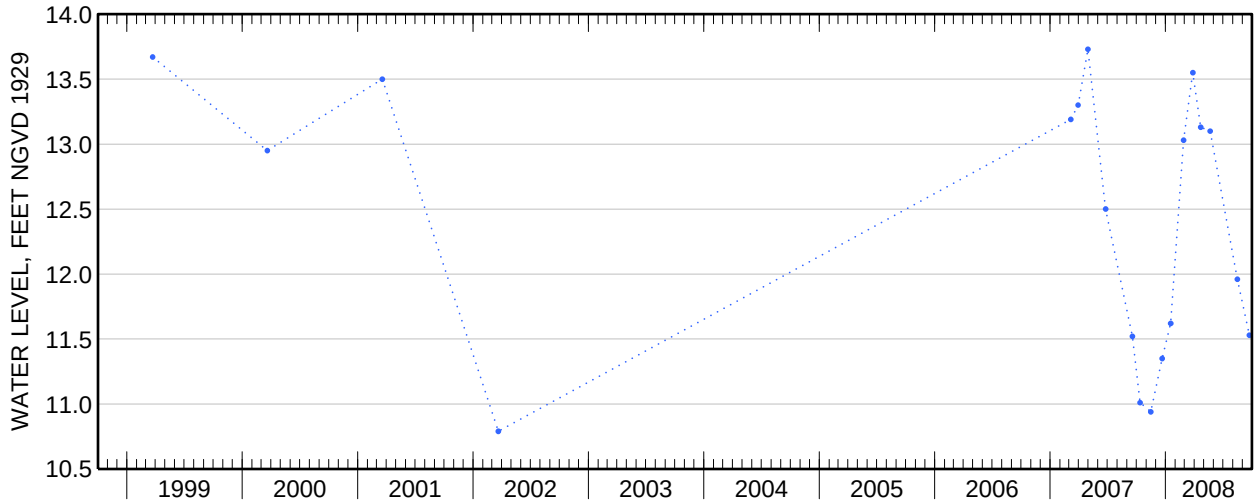
PERIOD OF RECORD.--April 1978 to January 1979, June 1981 to March 1983, December 1985 to June 1986, March 1988 to March 1994, March 1998 to March 2002, and March 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.52 ft above sea level, March 18, 1998; lowest measured, 10.79 ft above sea level, March 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 11.01 | Mar 27 | 13.55 |
| Nov 15 | 10.94 | Apr 21 | 13.13 |
| Dec 21 | 11.35 | May 21 | 13.10 |
| Jan 17 | 11.62 | Aug 15 | 11.96 |
| Feb 27 | 13.03 | Sep 22 | 11.53 |



Water-Data Report 2008

# 404345073124001 Local number S 63835. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°43'46.2", long 73°12'38.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 11.5 ft. Upper casing diameter 2 in; top of first opening 7 ft, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 13.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.29 ft below land-surface datum.

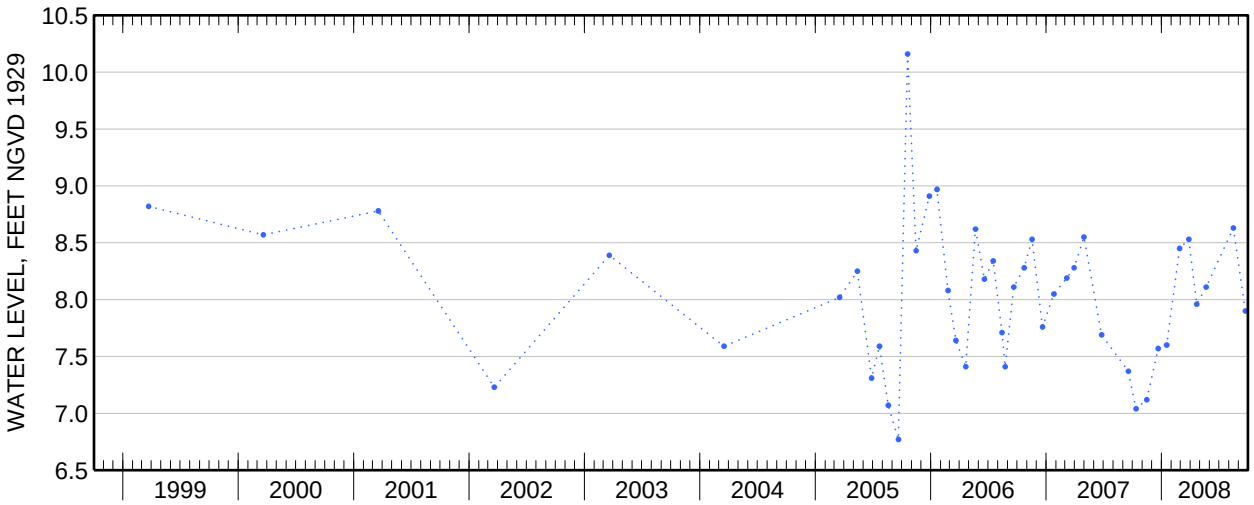
PERIOD OF RECORD.--April 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.16 ft above sea level, October 19, 2005; lowest measured, 5.30 ft above sea level, November 21, 1978.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 7.04 | Mar 27 | 8.53 |
| Nov 15 | 7.12 | Apr 21 | 7.96 |
| Dec 21 | 7.57 | May 21 | 8.11 |
| Jan 17 | 7.60 | Aug 15 | 8.63 |
| Feb 27 | 8.45 | Sep 22 | 7.90 |



Water-Data Report 2008

# 405652072590003 Local number S 64023. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°56′43″, long 72°58′59″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 794 ft. Upper casing diameter 24 in; top of first opening 709 ft, bottom of last opening 791 ft.

DATUM.--Land-surface datum is 160 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 2.71 ft below land-surface datum.

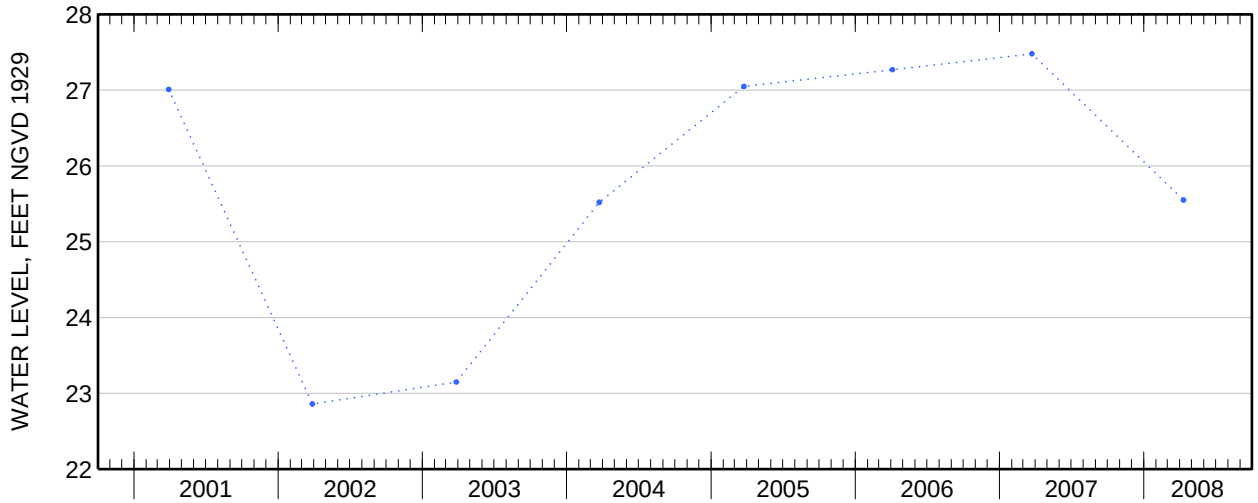
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.73 ft above sea level, April 22, 1999; lowest measured, 13.64 ft above sea level, April 14, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 10 | 25.55 |



Water-Data Report 2008

# 404210073182501 Local number S 64192. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°42'11.2", long 73°18'23.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth undefined. Upper casing diameter 2 in; top of first opening undefined, bottom of last opening undefined. Screen assumed at bottom.

DATUM.--Land-surface datum is 17.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.04 ft above land-surface datum.

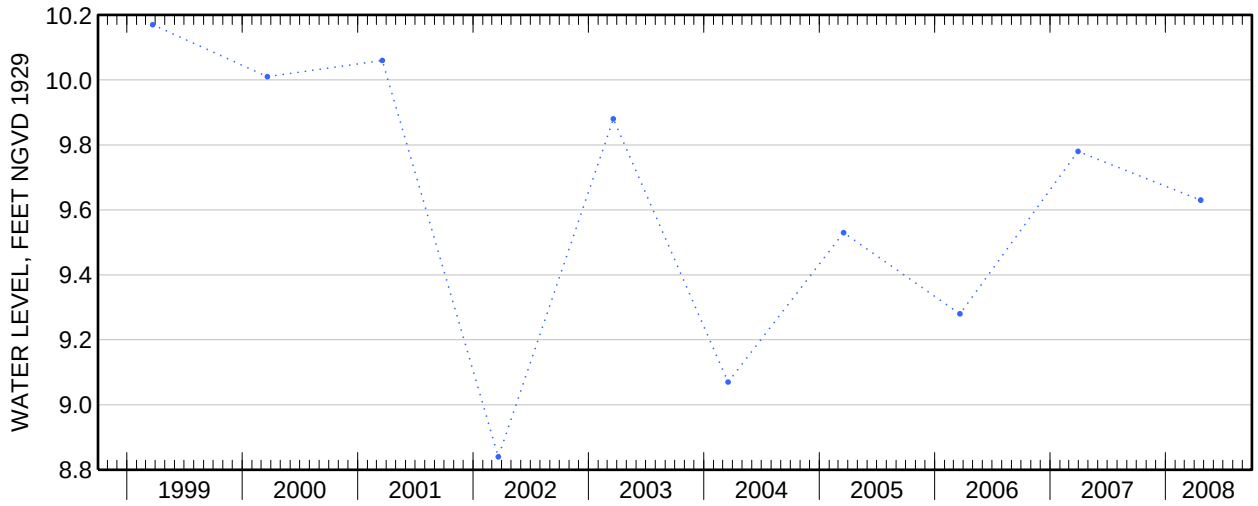
PERIOD OF RECORD.--May 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.16 ft above sea level, January 29, 1979; lowest measured, 8.65 ft above sea level, September 28, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 9.63 |



Water-Data Report 2008

# 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.

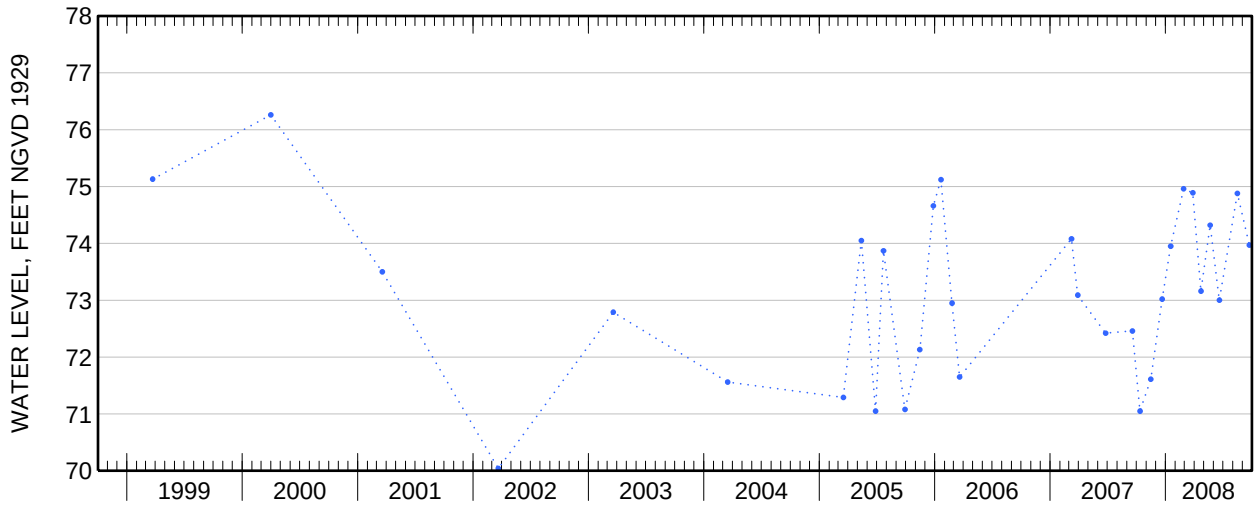
PERIOD OF RECORD.--March 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 71.05 | Apr 22 | 73.16 |
| Nov 15 | 71.61 | May 21 | 74.32 |
| Dec 21 | 73.02 | Jun 19 | 73.00 |
| Jan 17 | 73.95 | Aug 15 | 74.88 |
| Feb 27 | 74.96 | Sep 22 | 73.97 |
| Mar 27 | 74.89 | | |



Water-Data Report 2008

# 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.

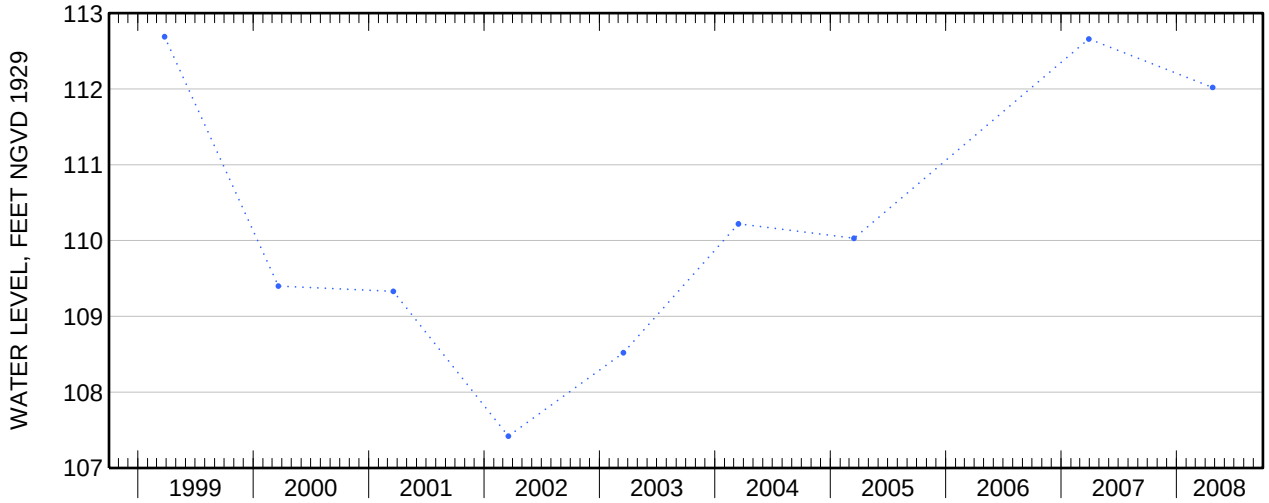
PERIOD OF RECORD.--March 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 112.02 |



Water-Data Report 2008

# 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.

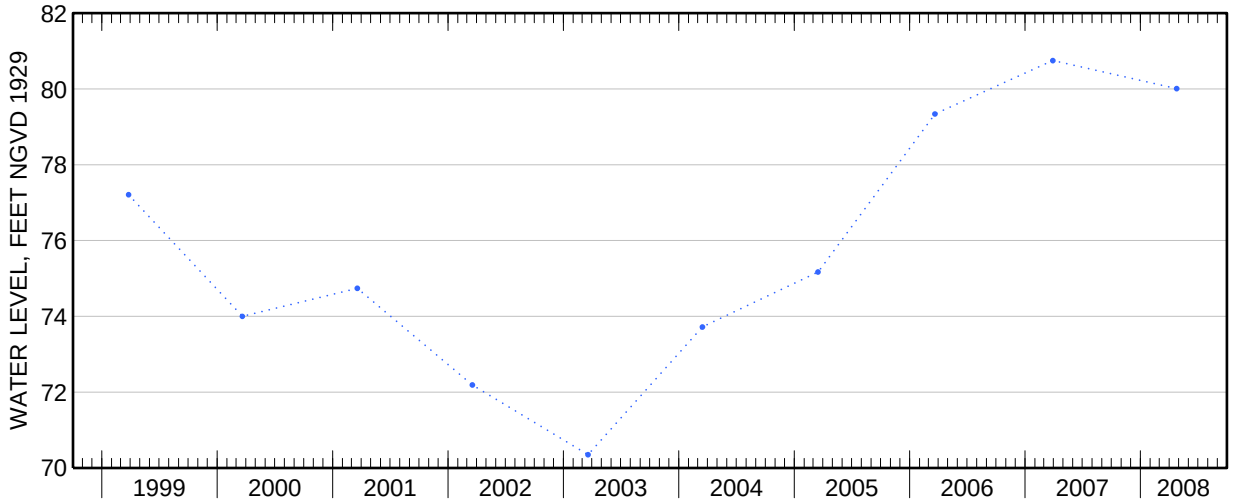
PERIOD OF RECORD.--June 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 80.01 |



Water-Data Report 2008

# 404813073084102 Local number S 65601. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°48'12.8", long 73°08'38.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Johnson Avenue, 65 ft east of Terry Road, Ronkonkoma.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 2 in; top of first opening 38 ft, bottom of last opening 41 ft.

DATUM.--Land-surface datum is 62.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

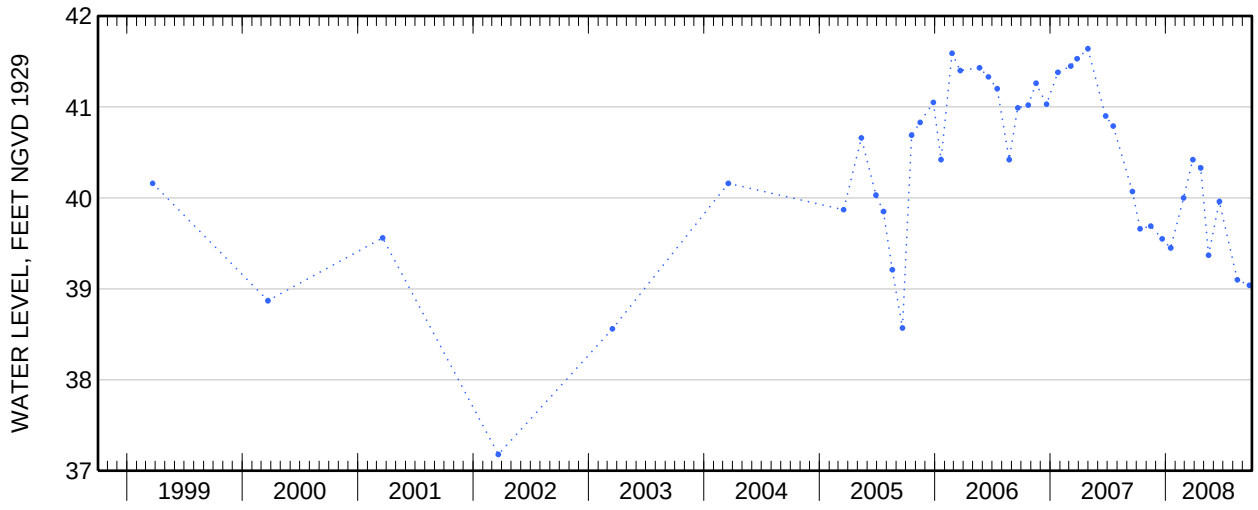
PERIOD OF RECORD.--September 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.39 ft above sea level, July 23, 1984; lowest measured, 35.69 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 39.66 | Apr 21 | 40.33 |
| Nov 15 | 39.69 | May 16 | 39.37 |
| Dec 21 | 39.55 | Jun 19 | 39.96 |
| Jan 17 | 39.45 | Aug 15 | 39.10 |
| Feb 27 | 40.00 | Sep 22 | 39.04 |
| Mar 27 | 40.42 | | |



Water-Data Report 2008

# 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.

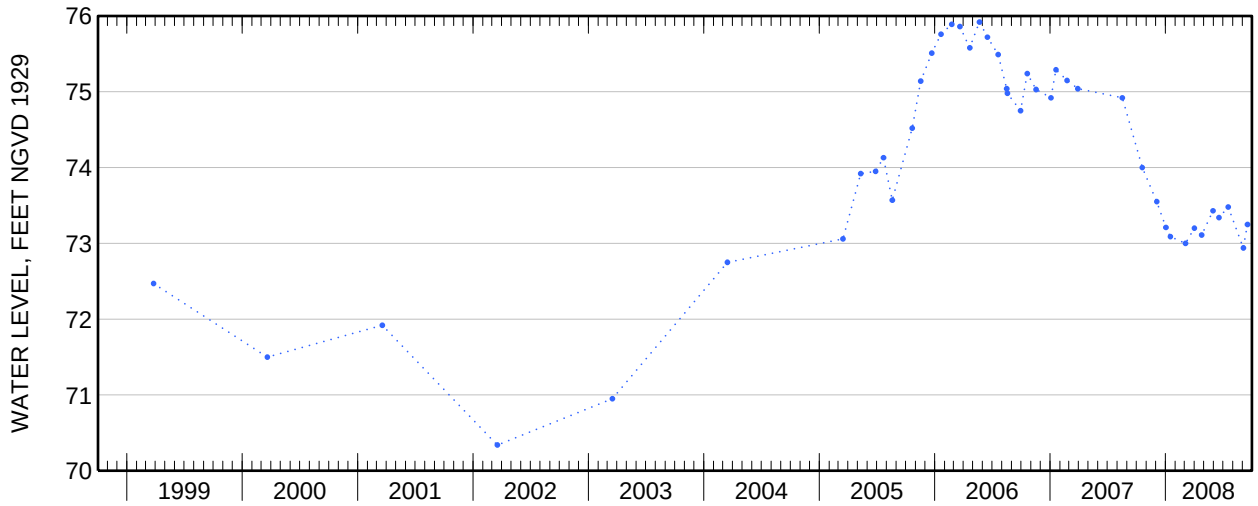
PERIOD OF RECORD.--September 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 19 | 74.00 | Apr 24 | 73.11 |
| Dec 4 | 73.55 | May 30 | 73.43 |
| Jan 2 | 73.21 | Jun 18 | 73.34 |
| 16 | 73.09 | Jul 17 | 73.48 |
| Mar 4 | 73.00 | Sep 3 | 72.94 |
| Apr 1 | 73.20 | 16 | 73.25 |



Water-Data Report 2008

# 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.

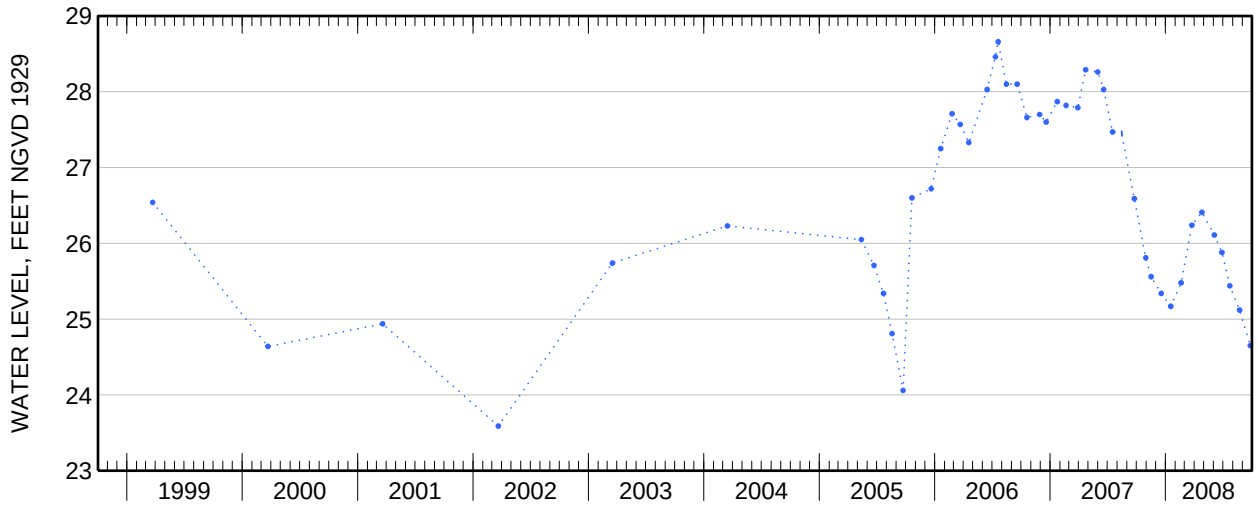
PERIOD OF RECORD.--October 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 25.81 | Apr 25 | 26.41 |
| Nov 16 | 25.56 | Jun 3 | 26.11 |
| Dec 18 | 25.34 | 27 | 25.88 |
| Jan 17 | 25.17 | Jul 22 | 25.44 |
| Feb 19 | 25.48 | Aug 22 | 25.12 |
| Mar 24 | 26.24 | Sep 25 | 24.65 |



Water-Data Report 2008

# 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.

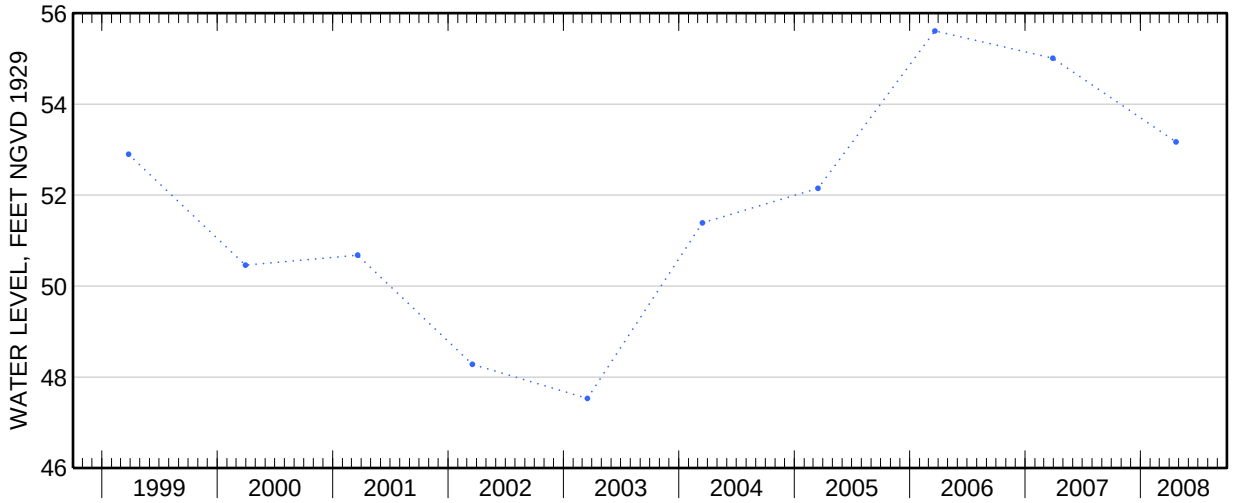
PERIOD OF RECORD.--September 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 53.17 |



Water-Data Report 2008

# 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.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 2 | 68.35 |

Water-Data Report 2008

# 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.

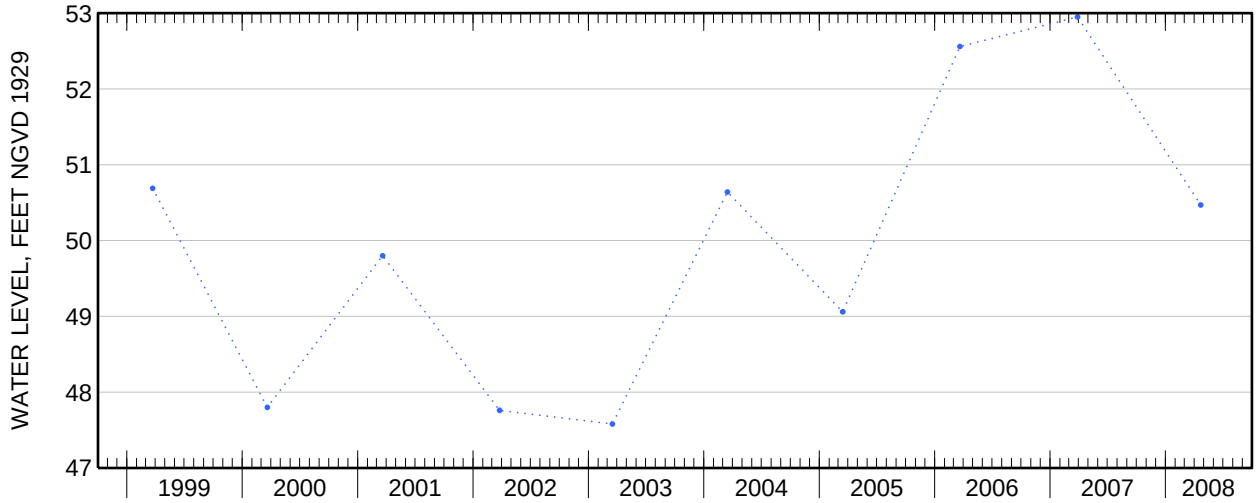
PERIOD OF RECORD.--October 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 50.47 |



Water-Data Report 2008

# 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.

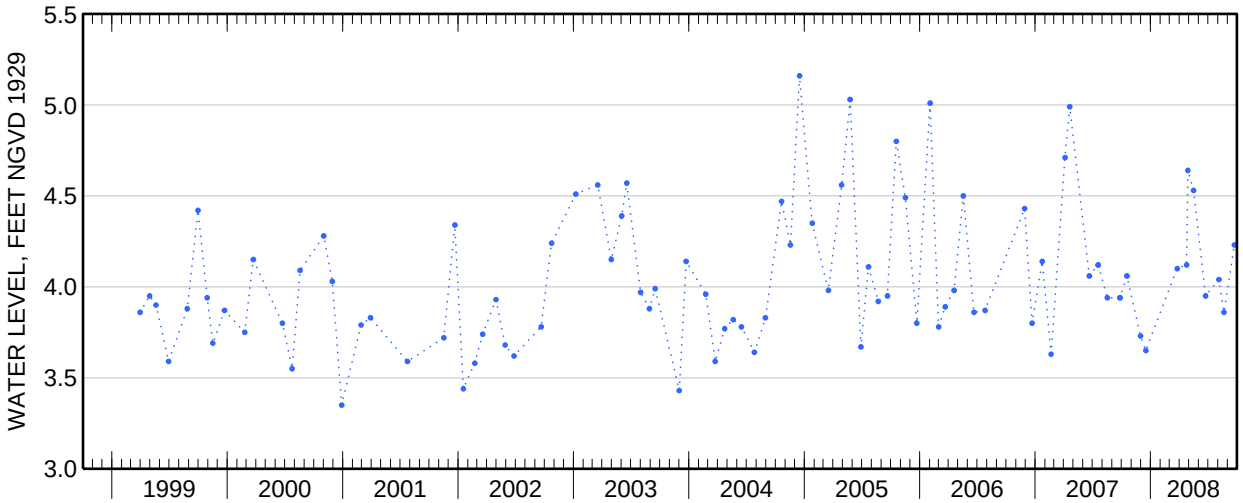
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 4.06 | May 16 | 4.53 |
| Nov 30 | 3.73 | Jun 23 | 3.95 |
| Dec 17 | 3.65 | Aug 4 | 4.04 |
| Mar 25 | 4.10 | 20 | 3.86 |
| Apr 24 | 4.12 | Sep 22 | 4.23 |
| 28 | 4.64 | | |



Water-Data Report 2008

# 404430073215601 Local number S 66138. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°44'30.0", long 73°21'54.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 129 ft. Upper casing diameter 6.00 in; top of first opening 119 ft, bottom of last opening 129 ft.

DATUM.--Land-surface datum is 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.14 ft above land-surface datum.

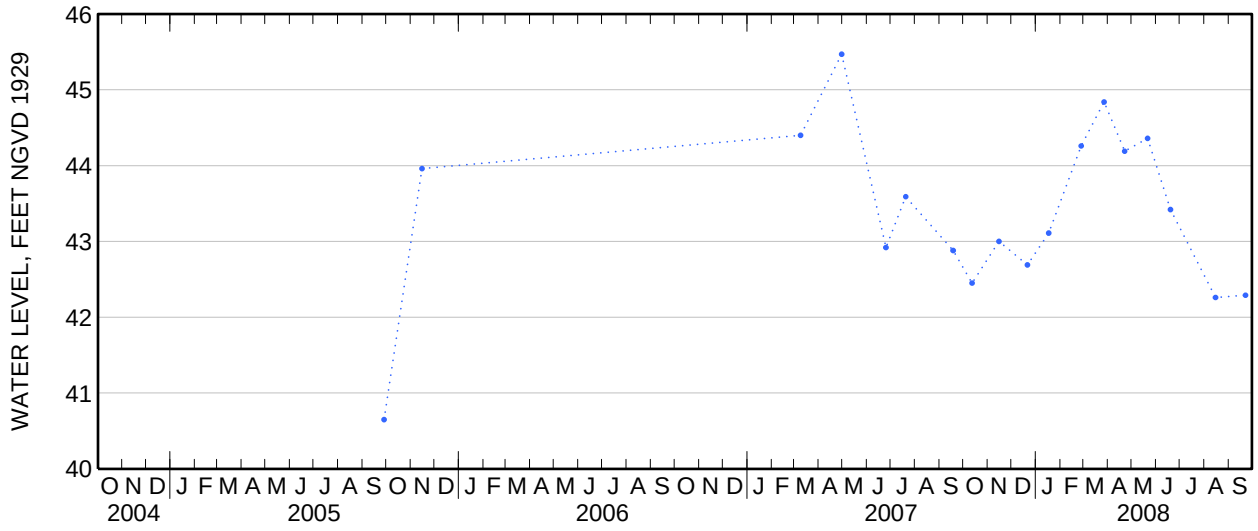
PERIOD OF RECORD.--January 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.47 ft above sea level, April 30, 2007; lowest measured, 40.65 ft above sea level, September 28, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 42.45 | Apr 22 | 44.19 |
| Nov 15 | 43.00 | May 21 | 44.36 |
| Dec 21 | 42.69 | Jun 19 | 43.42 |
| Jan 17 | 43.11 | Aug 15 | 42.26 |
| Feb 27 | 44.26 | Sep 22 | 42.29 |
| Mar 27 | 44.84 | | |



Water-Data Report 2008

# 404435073171201 Local number S 66145. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°43'37.6", long 73°17'09.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at northeast corner of Sunrise Highway (east service road) and Robert Moses Causeway, Brightwaters.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 157 ft. Upper casing diameter 6 in; top of first opening 147 ft, bottom of last opening 157 ft.

DATUM.--Land-surface datum is 40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.61 ft above land-surface datum.

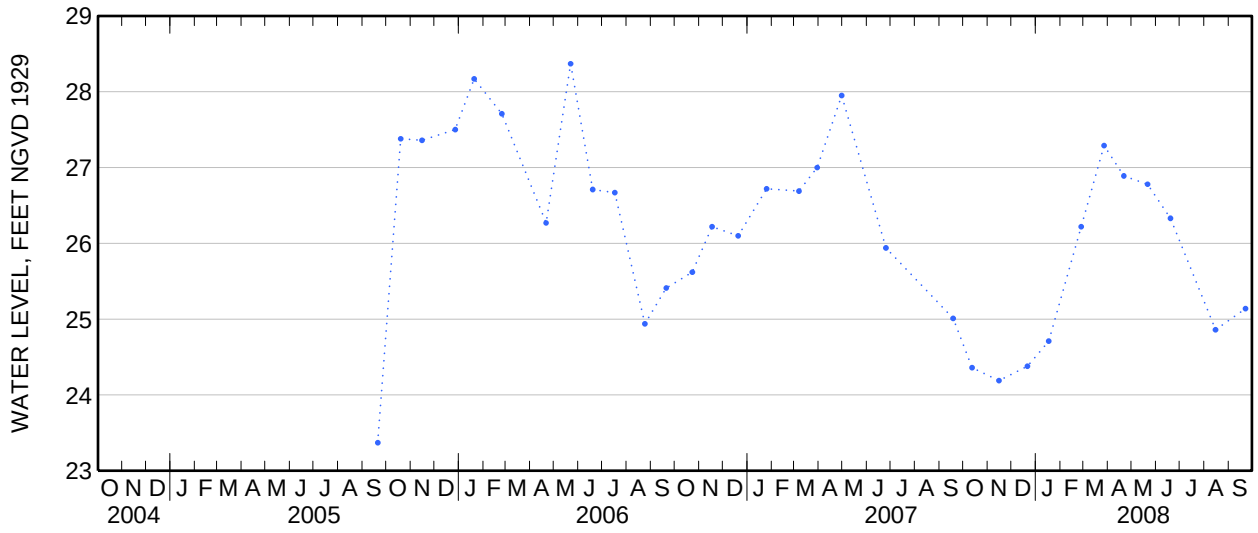
PERIOD OF RECORD.--January 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.37 ft above sea level, May 22, 2006; lowest measured, 23.37 ft above sea level, September 20, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 24.36 | Apr 21 | 26.89 |
| Nov 15 | 24.19 | May 21 | 26.78 |
| Dec 21 | 24.38 | Jun 19 | 26.33 |
| Jan 17 | 24.71 | Aug 15 | 24.86 |
| Feb 27 | 26.22 | Sep 22 | 25.14 |
| Mar 27 | 27.29 | | |



Water-Data Report 2008

# 404334073095501 Local number S 66156. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°43'36.5", long 73°09'55.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 162 ft. Upper casing diameter 6 in; top of first opening 152 ft, bottom of last opening 162 ft.

DATUM.--Land-surface datum is 15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.32 ft above land-surface datum.

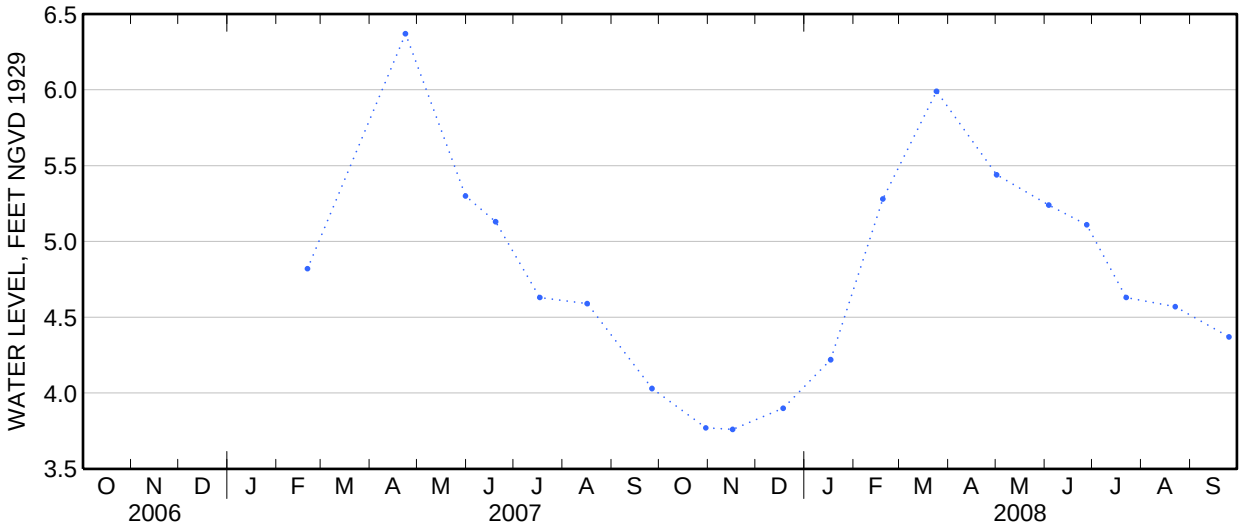
PERIOD OF RECORD.--January 1980 to March 1983, March 1990, March 1994, and February 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.68 ft above sea level, March 24, 1994; lowest measured, 3.76 ft above sea level, November 16, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 3.77 | May 1 | 5.44 |
| Nov 16 | 3.76 | Jun 3 | 5.24 |
| Dec 18 | 3.90 | 27 | 5.11 |
| Jan 17 | 4.22 | Jul 22 | 4.63 |
| Feb 19 | 5.28 | Aug 22 | 4.57 |
| Mar 24 | 5.99 | Sep 25 | 4.37 |



Water-Data Report 2008

# 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.

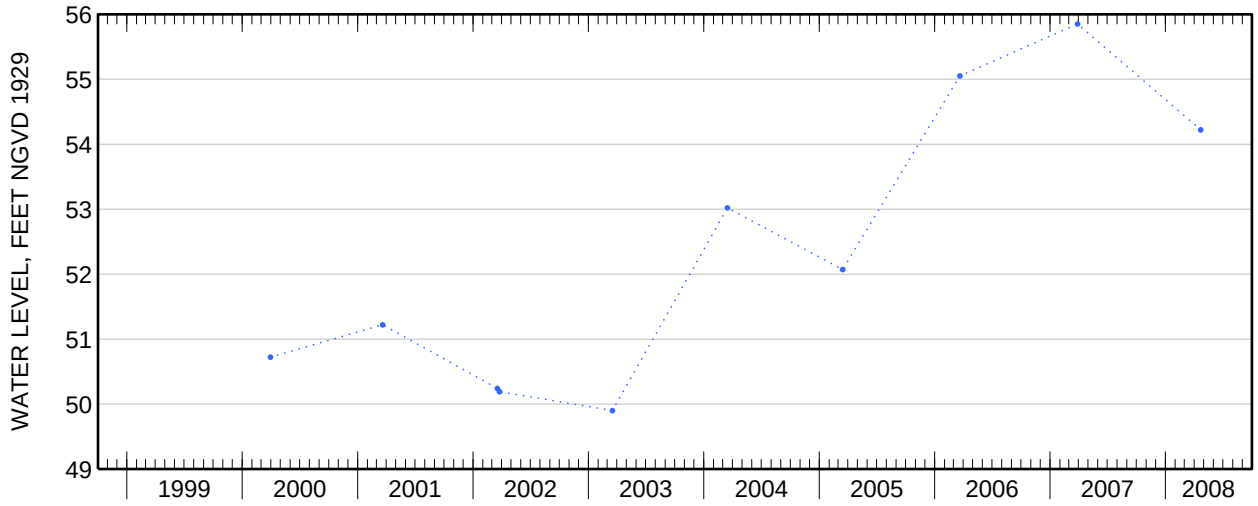
PERIOD OF RECORD.--January 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 21 | 54.22 |



Water-Data Report 2008

# 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.

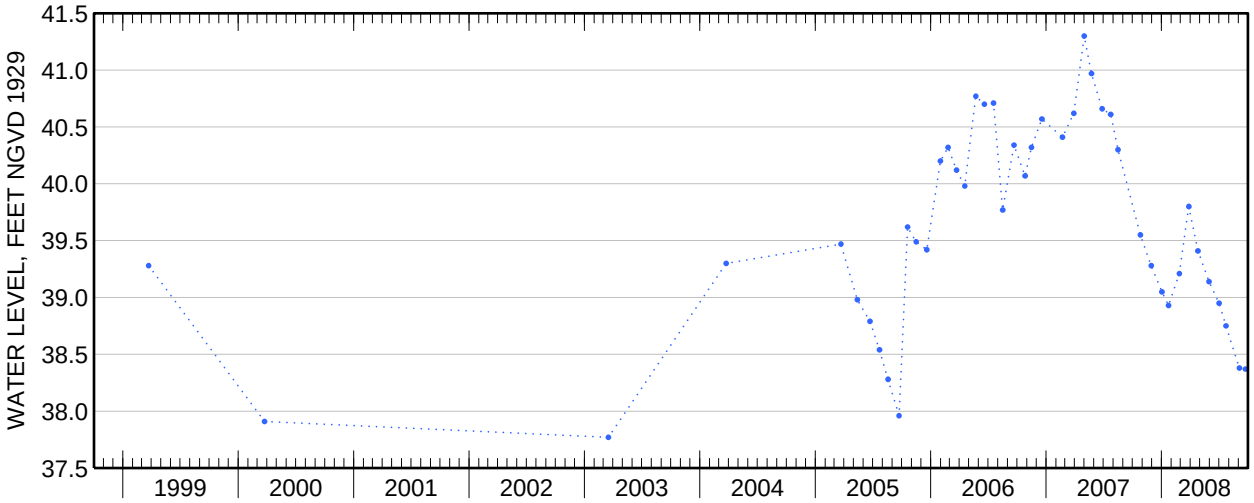
PERIOD OF RECORD.--January 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 39.55 | Apr 25 | 39.41 |
| Nov 29 | 39.28 | May 30 | 39.14 |
| Jan 2 | 39.05 | Jul 1 | 38.95 |
| 23 | 38.93 | 23 | 38.75 |
| Feb 26 | 39.21 | Sep 3 | 38.38 |
| Mar 27 | 39.80 | 22 | 38.37 |



Water-Data Report 2008

# 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.

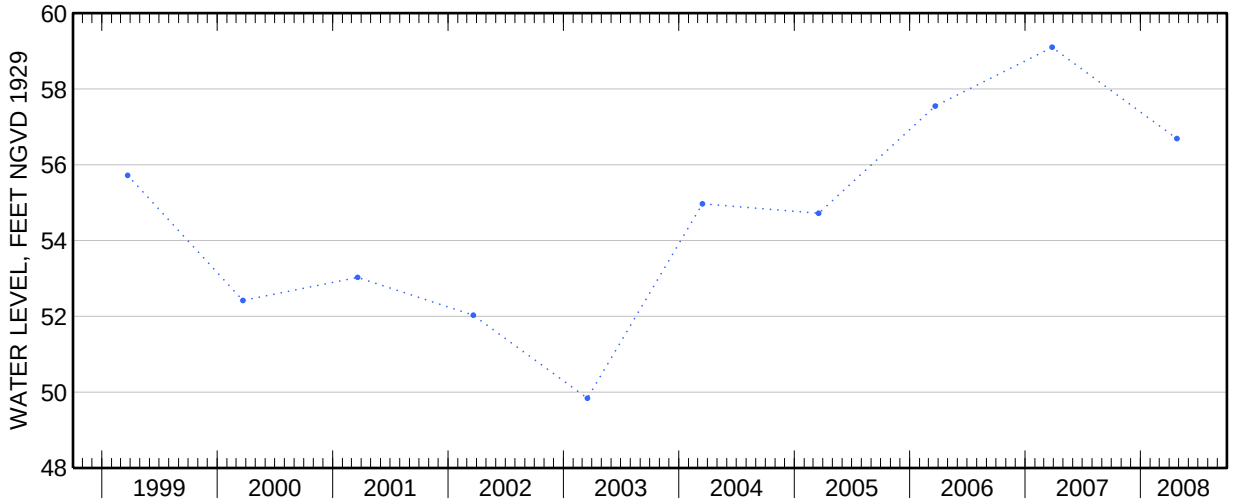
PERIOD OF RECORD.--January 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 56.69 |



Water-Data Report 2008

# 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.

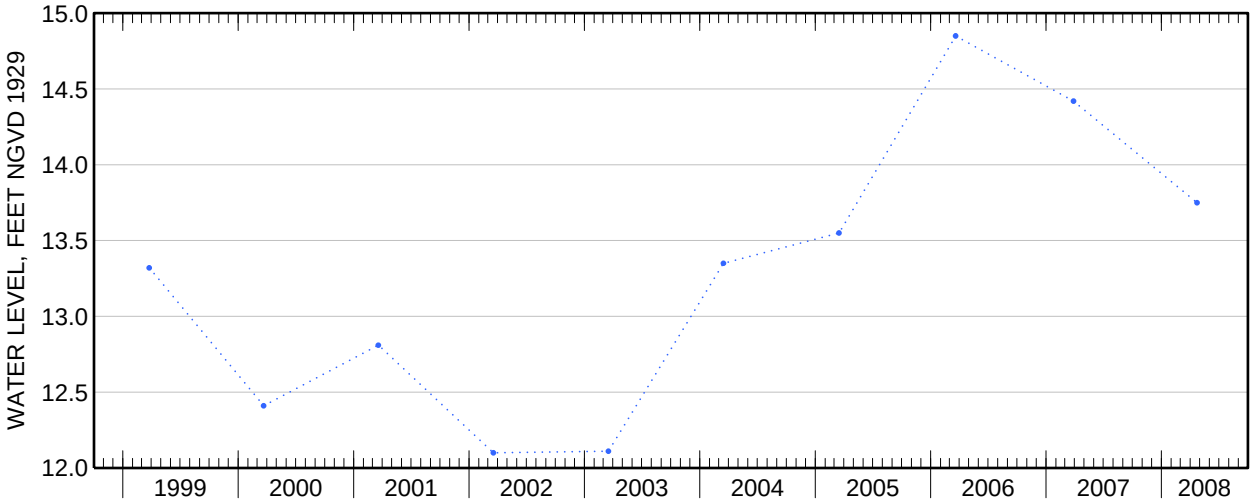
PERIOD OF RECORD.--January 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 13.75 |



Water-Data Report 2008

# 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.

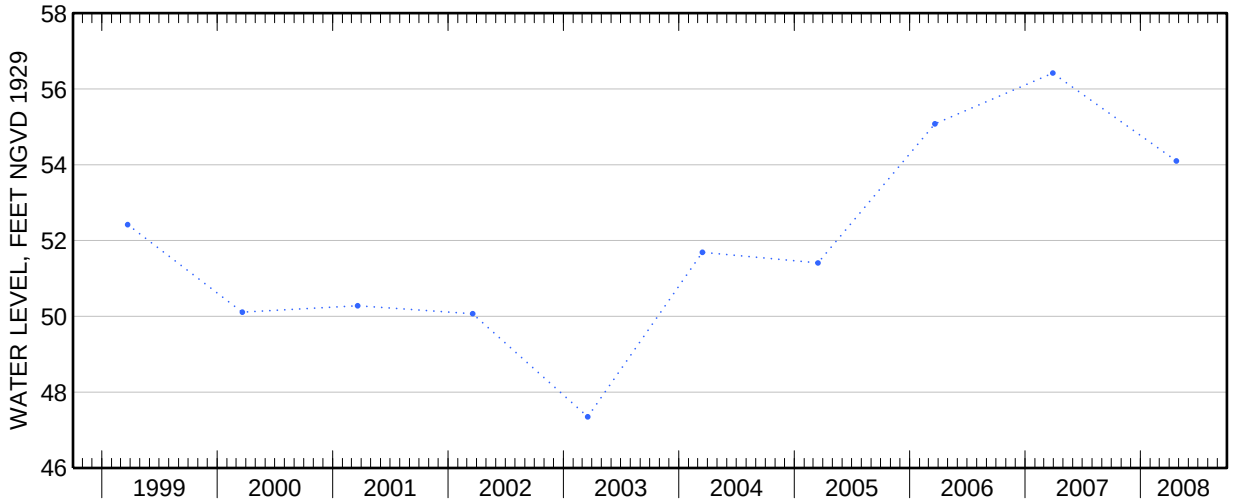
PERIOD OF RECORD.--January 1979 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 54.10 |



Water-Data Report 2008

# 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.

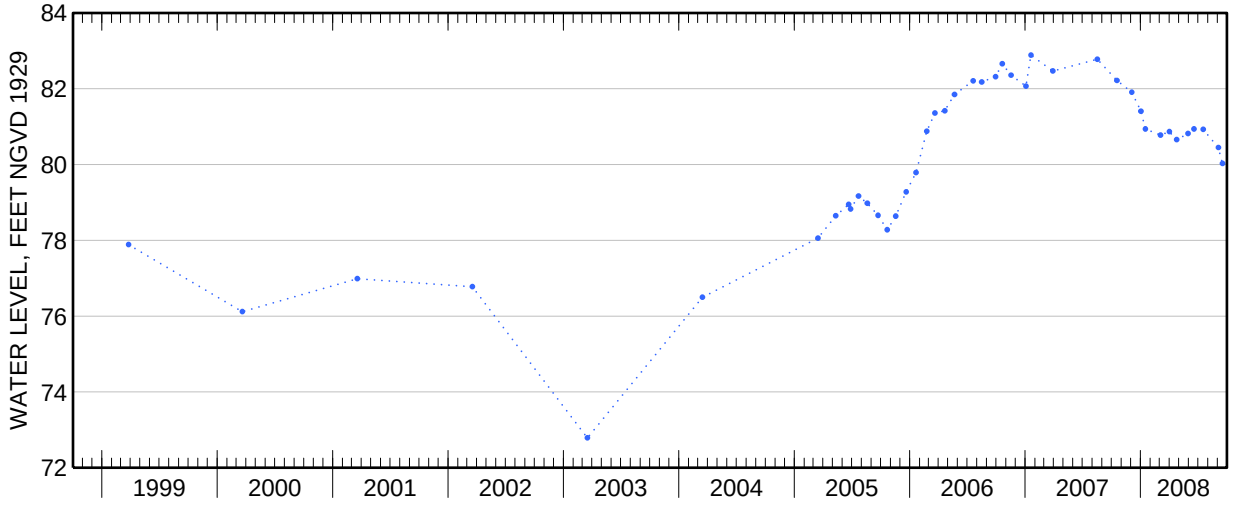
PERIOD OF RECORD.--December 1978 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 82.22 | Apr 24 | 80.66 |
| Dec 4 | 81.91 | May 30 | 80.82 |
| Jan 2 | 81.41 | Jun 18 | 80.94 |
| 16 | 80.94 | Jul 17 | 80.93 |
| Mar 4 | 80.78 | Sep 3 | 80.45 |
| Apr 1 | 80.87 | 16 | 80.03 |



Water-Data Report 2008

# 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.

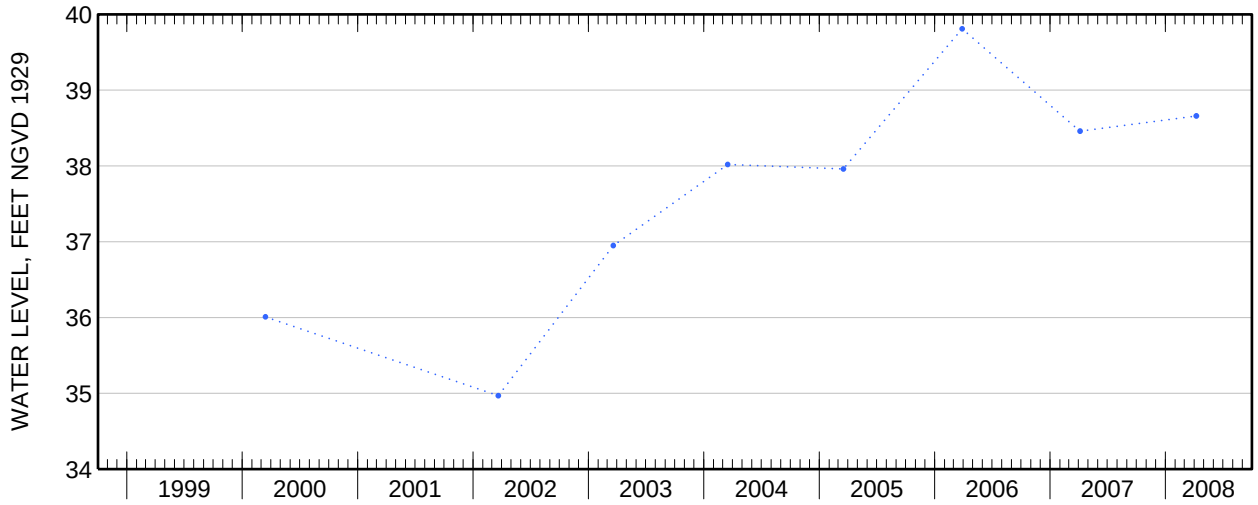
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 38.66 |



Water-Data Report 2008

# 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; top of first opening undefined, bottom of last opening undefined. 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.

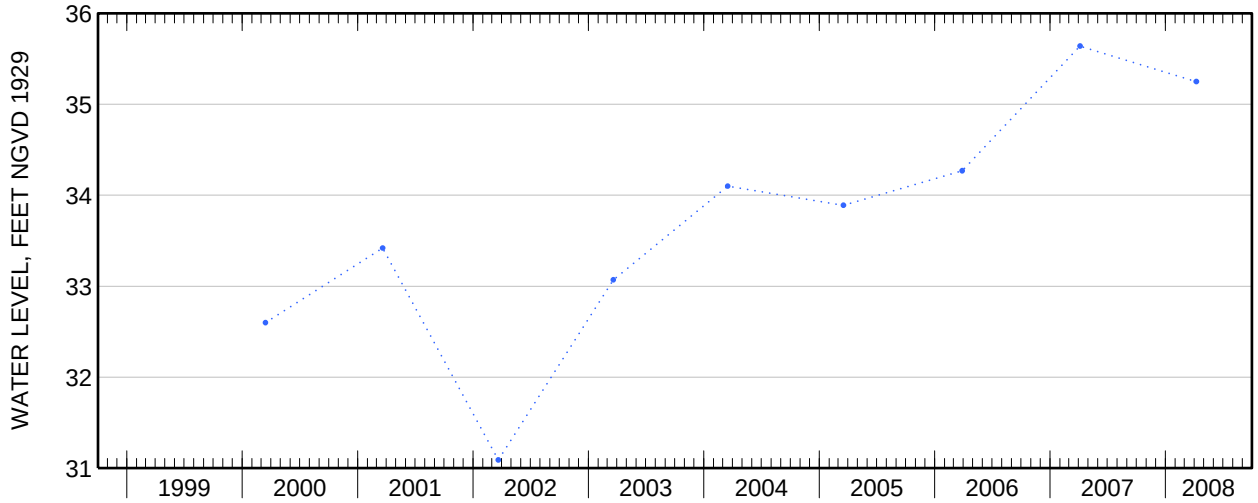
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 7 | 35.25 |



Water-Data Report 2008

# 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.

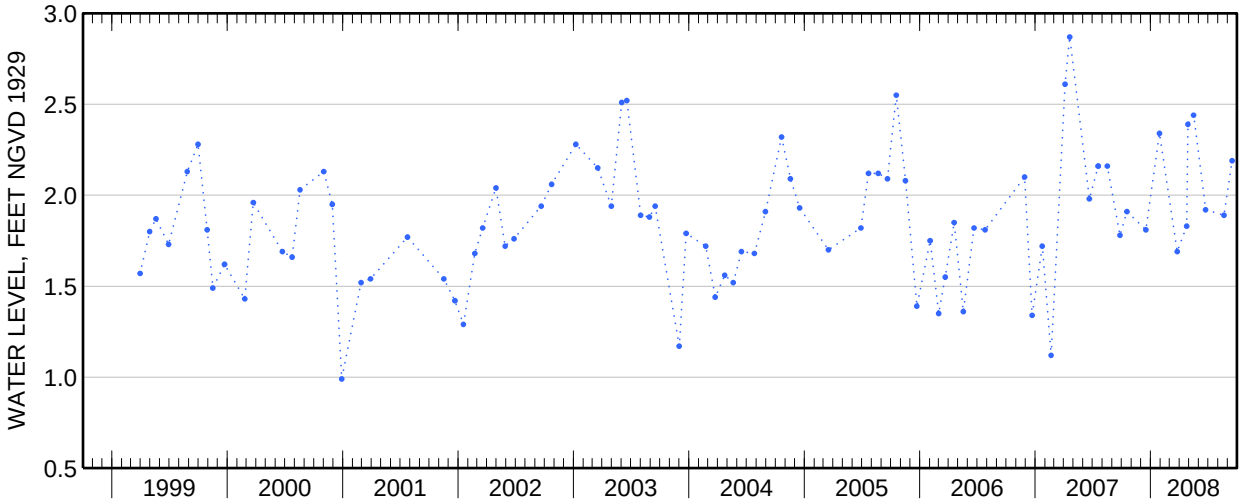
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.87 ft above sea level, April 20, 2007; lowest measured, 0.99 ft above sea level, October 28, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.91 | Apr 28 | 2.39 |
| Dec 17 | 1.81 | May 16 | 2.44 |
| Jan 29 | 2.34 | Jun 23 | 1.92 |
| Mar 25 | 1.69 | Aug 20 | 1.89 |
| Apr 24 | 1.83 | Sep 15 | 2.19 |



Water-Data Report 2008

# 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.

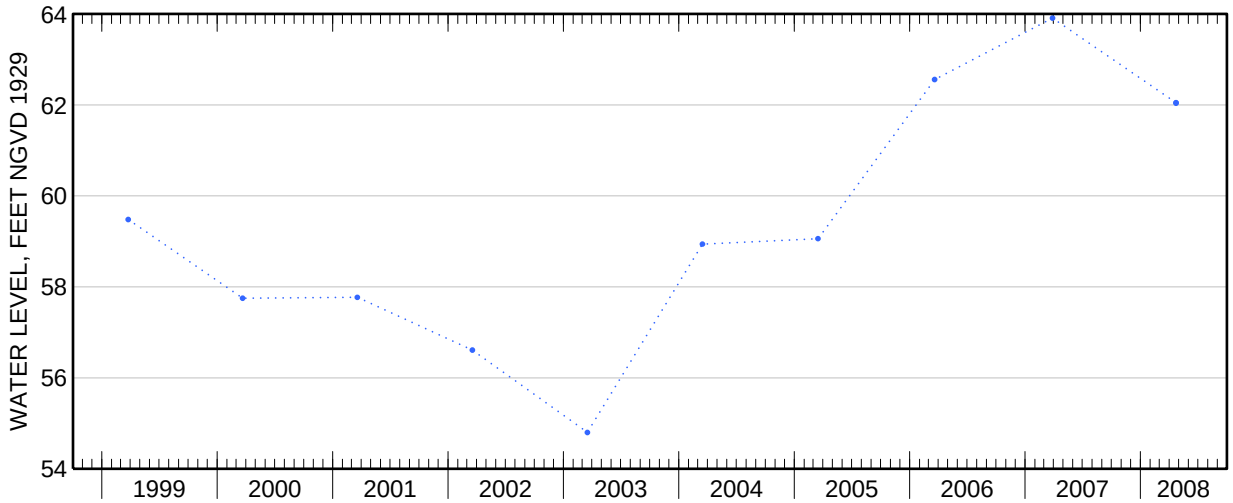
PERIOD OF RECORD.--March 1980 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 62.05 |



Water-Data Report 2008

# 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 20 in; top of first opening undefined, bottom of last opening undefined. 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.

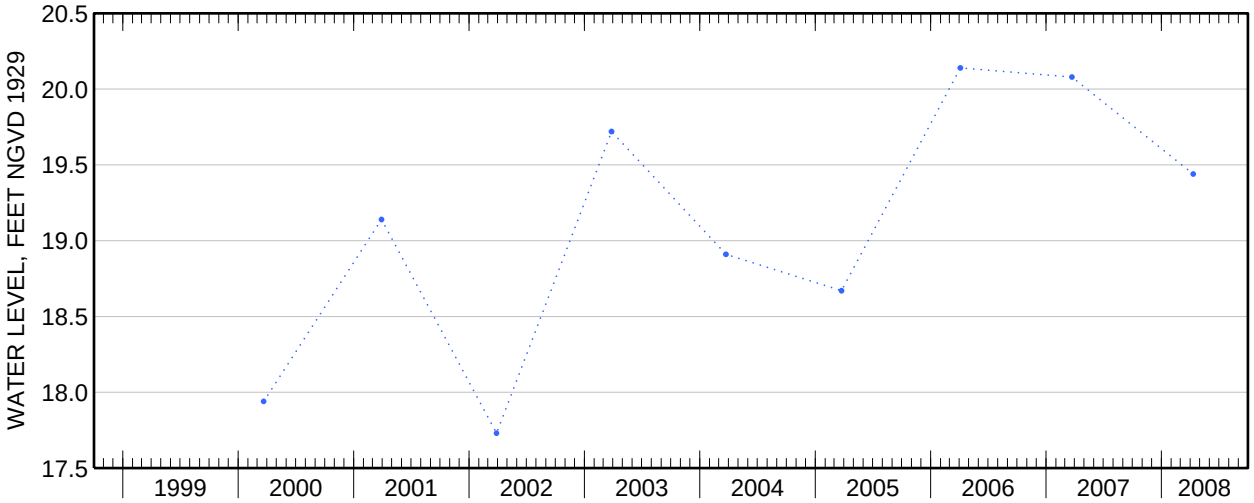
PERIOD OF RECORD.--March 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 10 | 19.44 |



Water-Data Report 2008

# 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.

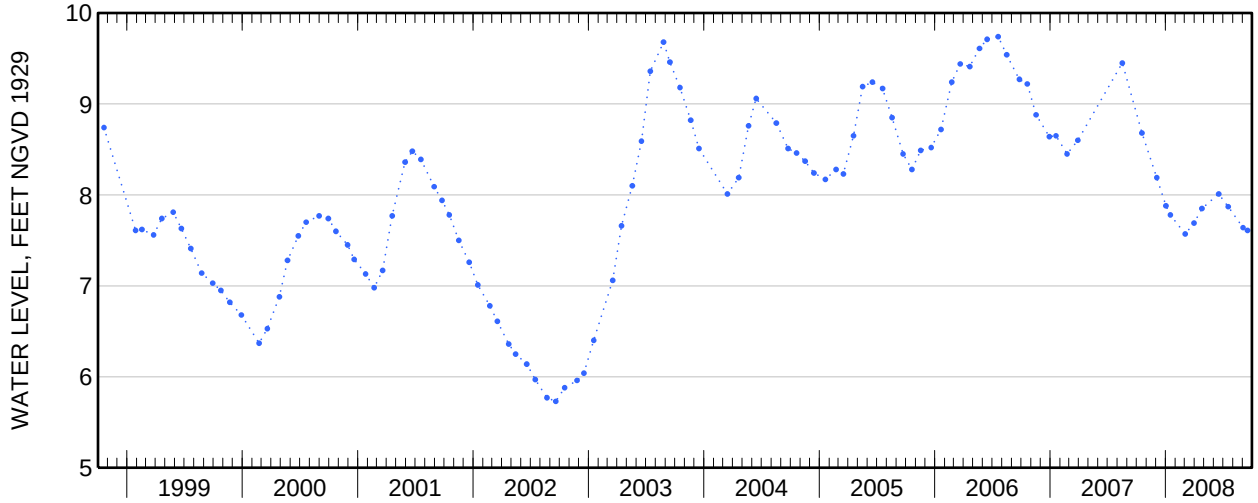
PERIOD OF RECORD.--April 1986 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 8.68 | Apr 25 | 7.85 |
| Dec 4 | 8.19 | Jun 17 | 8.01 |
| Jan 2 | 7.88 | Jul 17 | 7.87 |
| 16 | 7.78 | Sep 2 | 7.64 |
| Mar 3 | 7.57 | 16 | 7.61 |
| 31 | 7.69 | | |



Water-Data Report 2008

# 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.

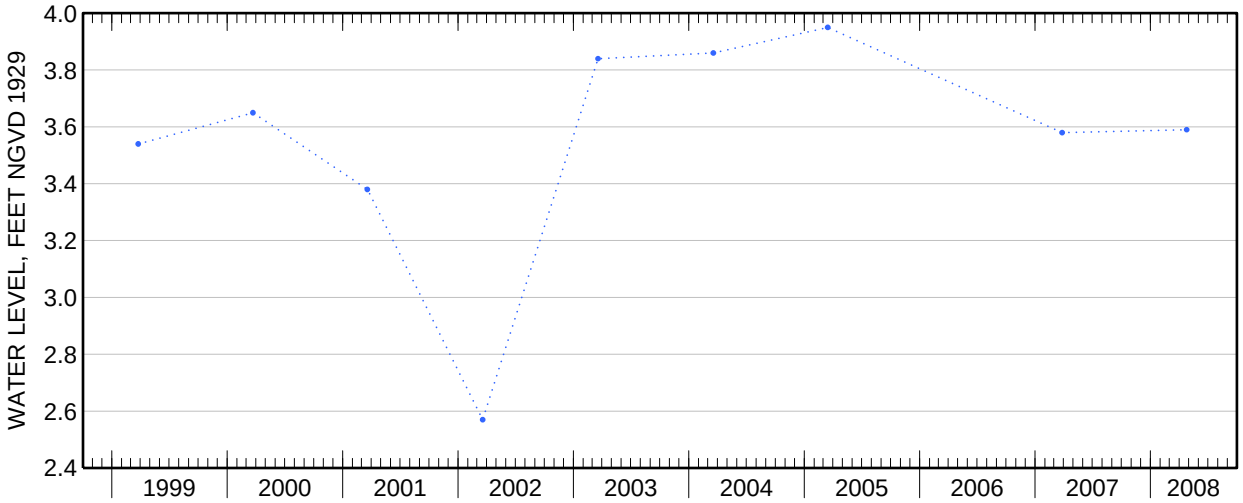
PERIOD OF RECORD.--June 1981 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 3.59 |



Water-Data Report 2008

# 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.

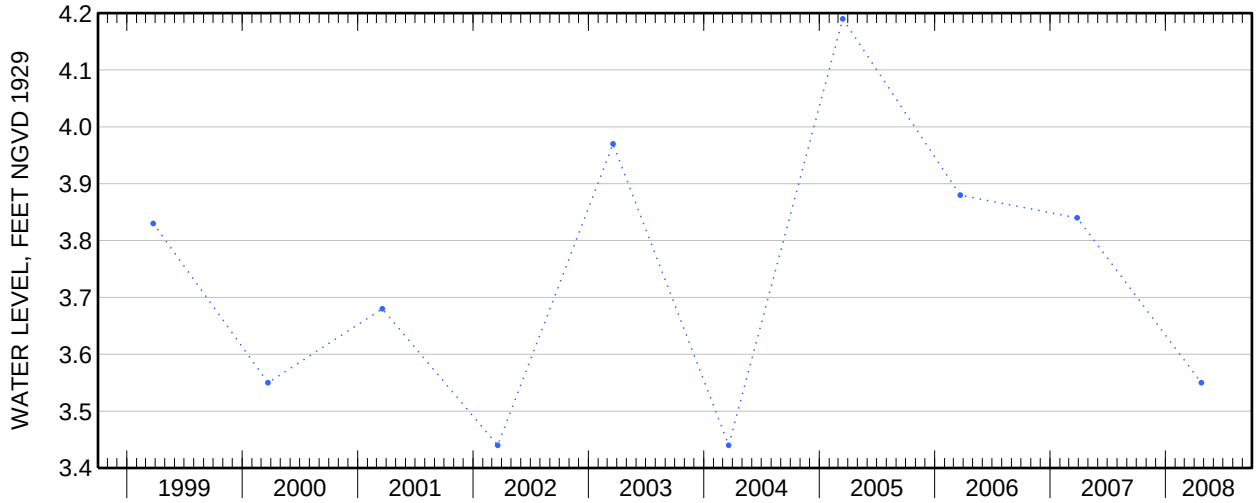
PERIOD OF RECORD.--May 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.30 ft above sea level, March 17, 1998; lowest measured, 2.53 ft above sea level, August 31, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 3.55 |



Water-Data Report 2008

# 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.

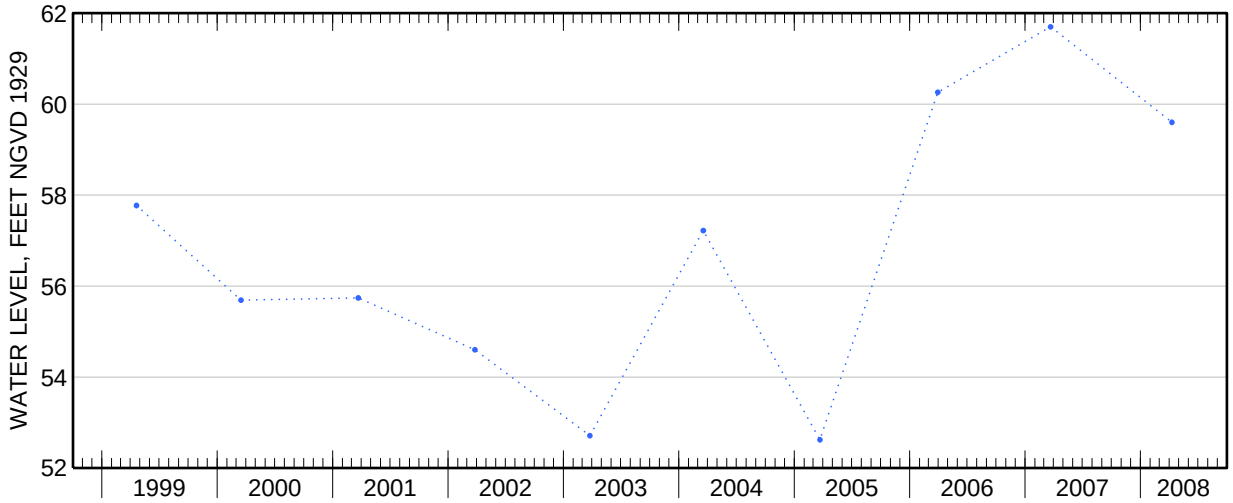
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 9 | 59.60 |



Water-Data Report 2008

# 410219071591101 Local number S 70614. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°02′19″, long 71°59′11″ referenced to North American Datum of 1927, 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 86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.26 ft below land-surface datum.

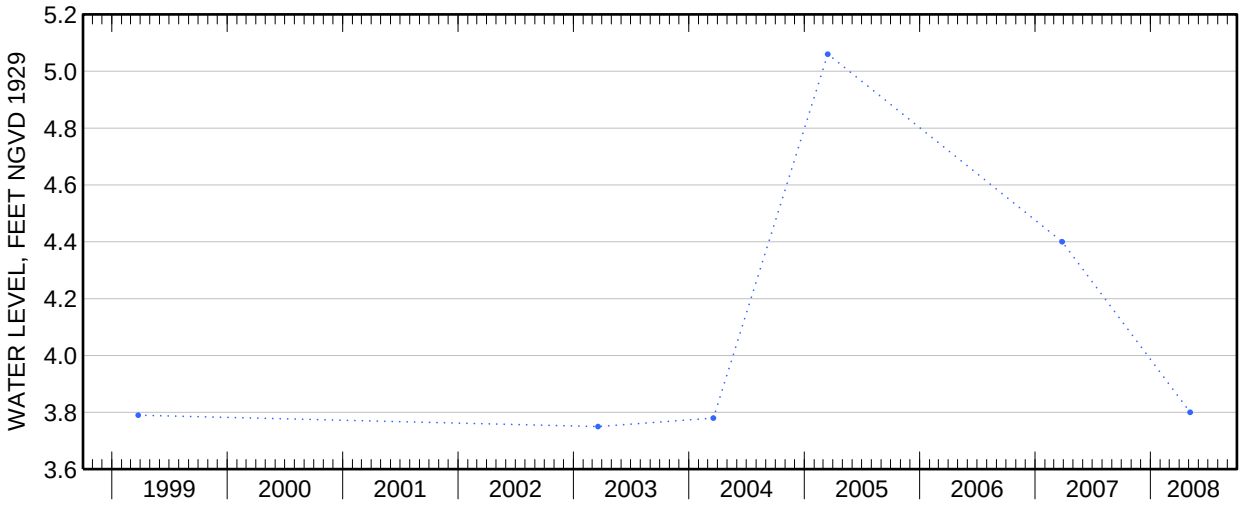
PERIOD OF RECORD.--May 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.58 ft above sea level, July 7, 1982; lowest measured, 2.56 ft above sea level, February 8, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 5 | 3.80 |



Water-Data Report 2008

# 410320071570601 Local number S 70617. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°03'20.8", long 71°57'04.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Old Flamingo Road, south of Fleming Road, Montauk.

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 72.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.23 ft below land-surface datum.

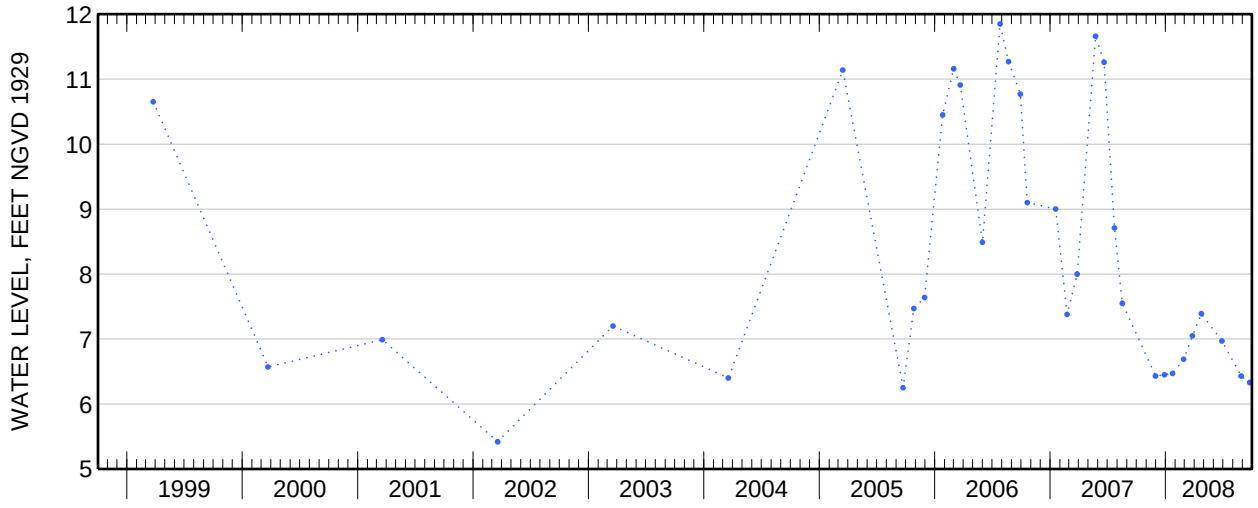
PERIOD OF RECORD.--March 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.85 ft above sea level, July 26, 2006; lowest measured, 2.66 ft above sea level, May 4, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 30 | 6.43 | Apr 23 | 7.39 |
| Dec 28 | 6.45 | Jun 27 | 6.97 |
| Jan 23 | 6.47 | Aug 27 | 6.43 |
| Feb 27 | 6.69 | Sep 23 | 6.33 |
| Mar 26 | 7.05 | | |



Water-Data Report 2008

# 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.

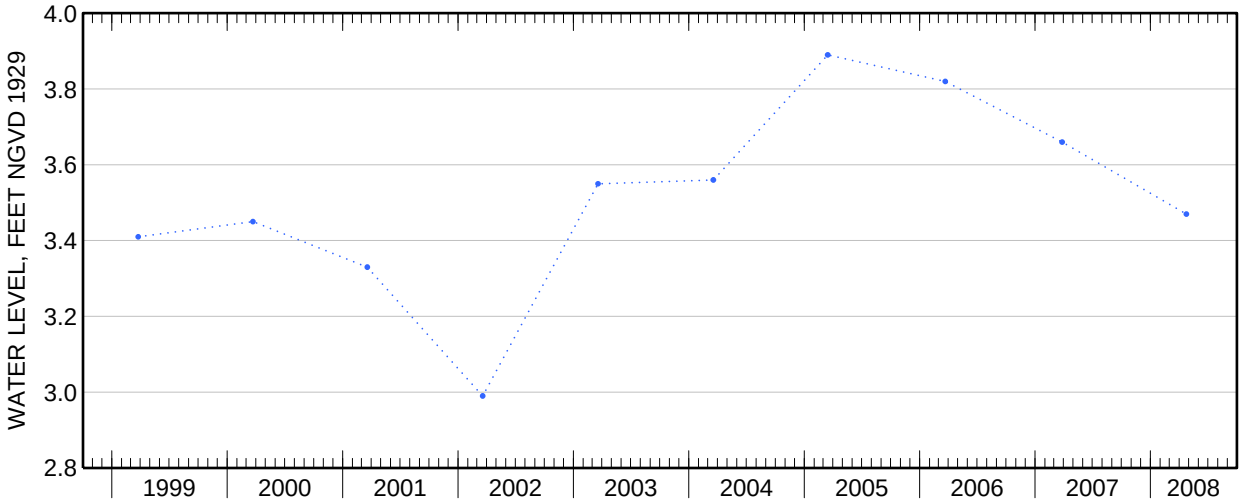
PERIOD OF RECORD.--May 1981 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 3.47 |



Water-Data Report 2008

# 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.

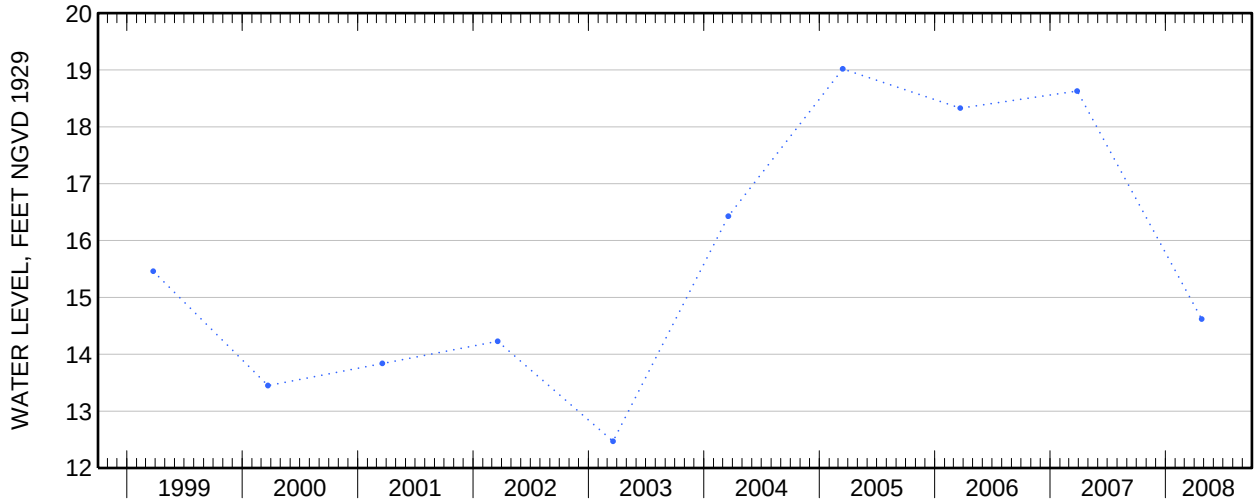
PERIOD OF RECORD.--December 1981 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 14.62 |



Water-Data Report 2008

# 405801072354401 Local number S 71576. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

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, 1.6 mi north of Main Road (State Route 25), southern middle well, Jamesport.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 453 ft. Upper casing diameter 4 in; top of first opening 443 ft, bottom of last opening 448 ft.

DATUM.--Land-surface datum is 53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 1.16 ft below land-surface datum.

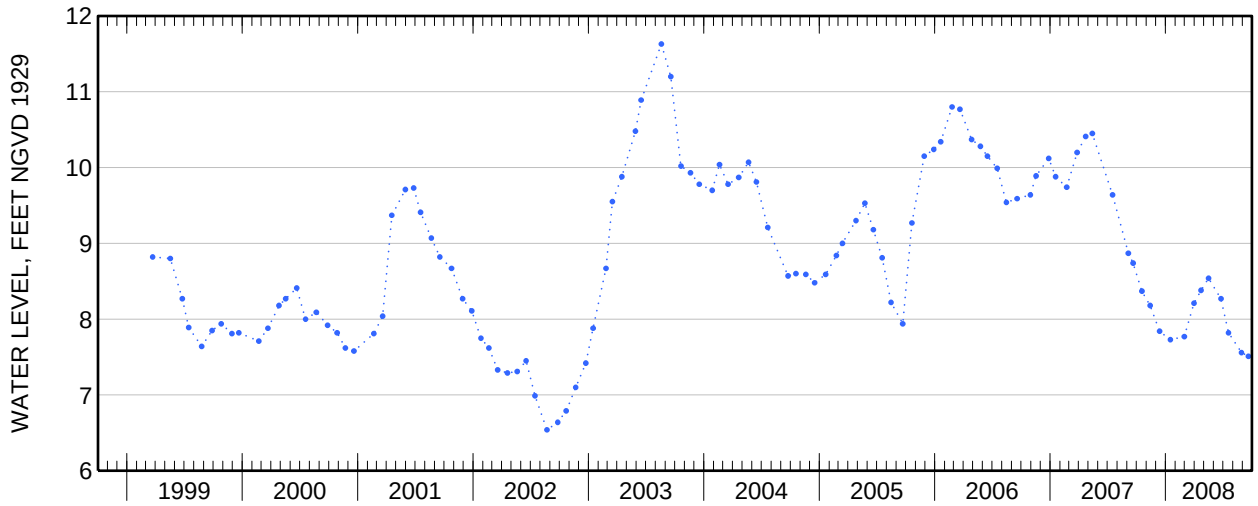
PERIOD OF RECORD.--February 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.02 ft above sea level, September 27, 1984; lowest measured, 6.46 ft above sea level, September 28, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 8.37 | Apr 22 | 8.38 |
| Nov 13 | 8.18 | May 16 | 8.54 |
| Dec 13 | 7.84 | Jun 24 | 8.27 |
| Jan 16 | 7.73 | Jul 18 | 7.82 |
| Feb 29 | 7.77 | Aug 28 | 7.56 |
| Mar 31 | 8.21 | Sep 19 | 7.51 |



Water-Data Report 2008

# 404807072590801 Local number S 71785. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

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.

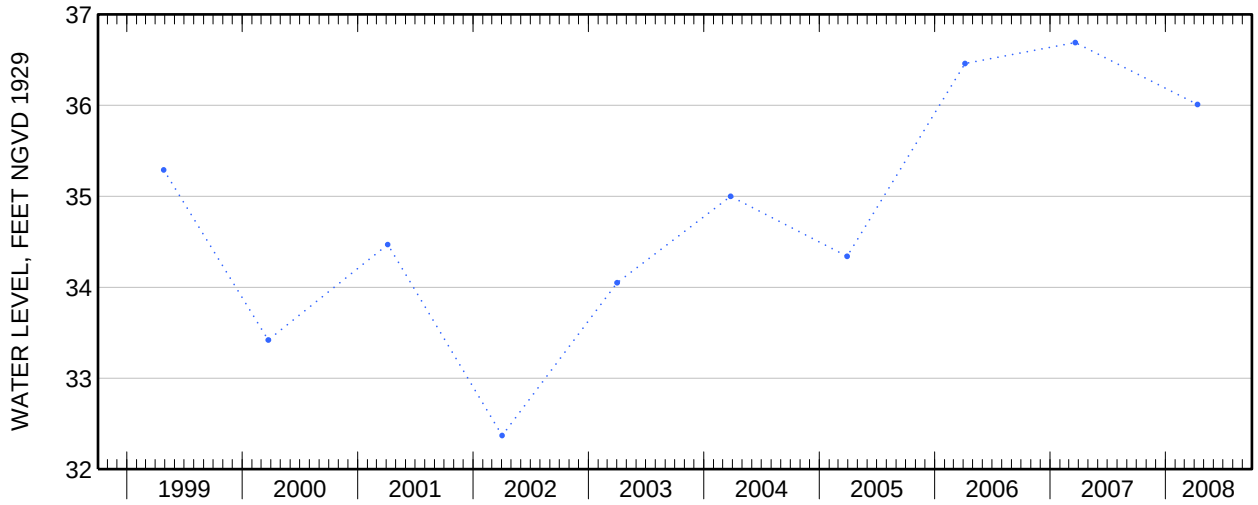
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 11 | 36.01 |



Water-Data Report 2008

# 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, 3000 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.

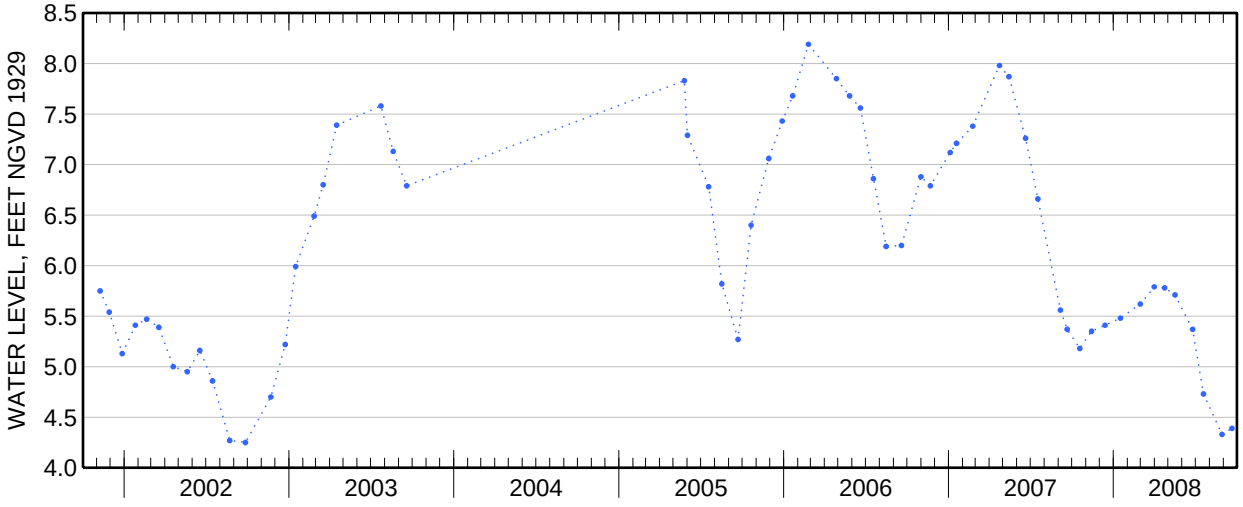
PERIOD OF RECORD.--March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 5.18 | Apr 23 | 5.78 |
| Nov 13 | 5.35 | May 16 | 5.71 |
| Dec 13 | 5.41 | Jun 24 | 5.37 |
| Jan 16 | 5.48 | Jul 18 | 4.73 |
| Feb 29 | 5.62 | Aug 28 | 4.33 |
| Mar 31 | 5.79 | Sep 19 | 4.39 |



Water-Data Report 2008

# 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.

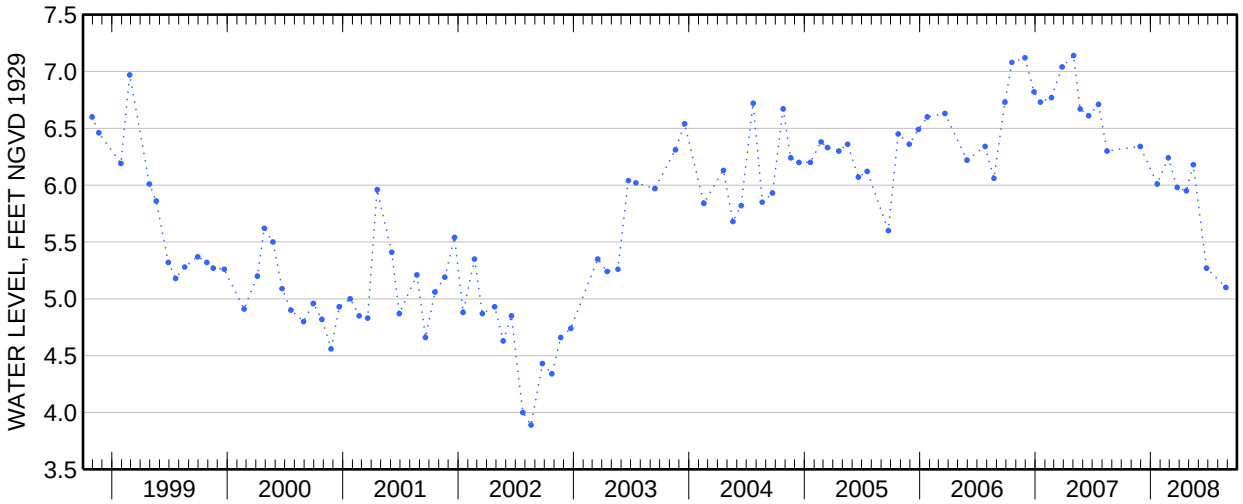
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 6.34 | Apr 23 | 5.95 |
| Jan 22 | 6.01 | May 15 | 6.18 |
| Feb 26 | 6.24 | Jun 26 | 5.27 |
| Mar 25 | 5.98 | Aug 26 | 5.10 |



Water-Data Report 2008

# 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.

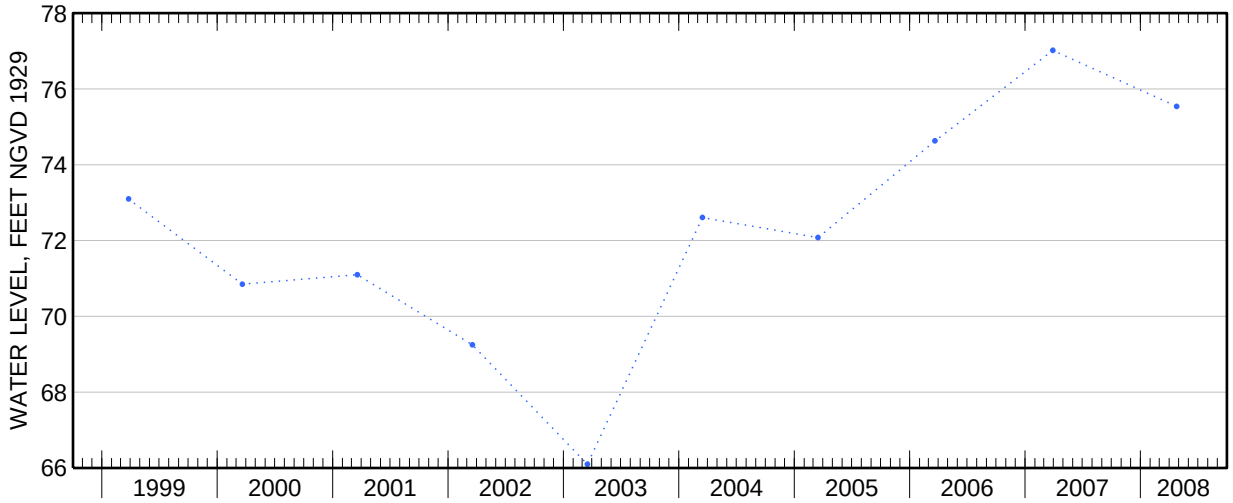
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 75.54 |



Water-Data Report 2008

# 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.

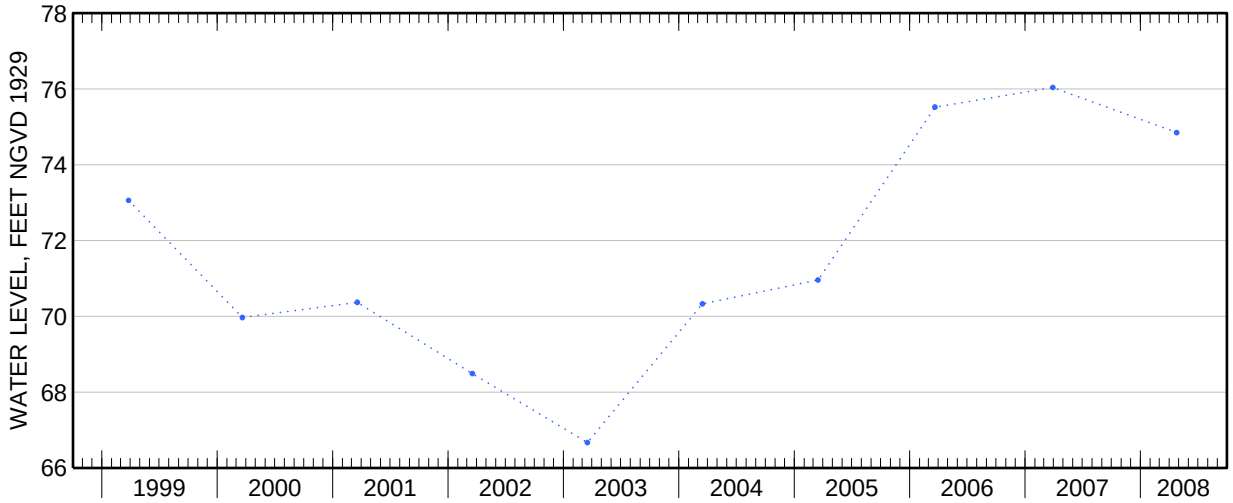
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 74.85 |



Water-Data Report 2008

# 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.

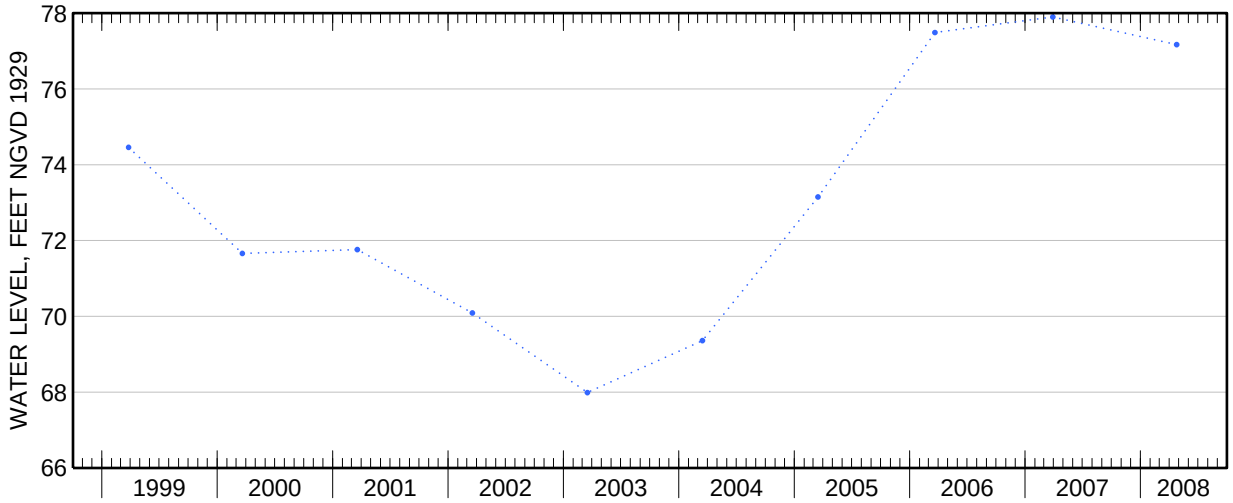
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 77.17 |



Water-Data Report 2008

# 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.

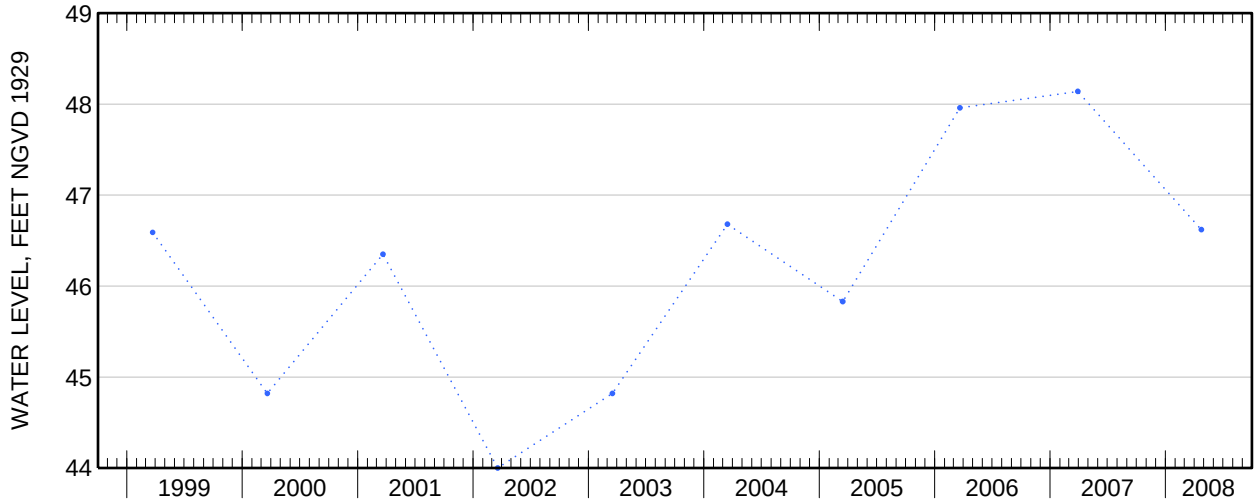
PERIOD OF RECORD.--May 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 46.62 |



Water-Data Report 2008

# 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.

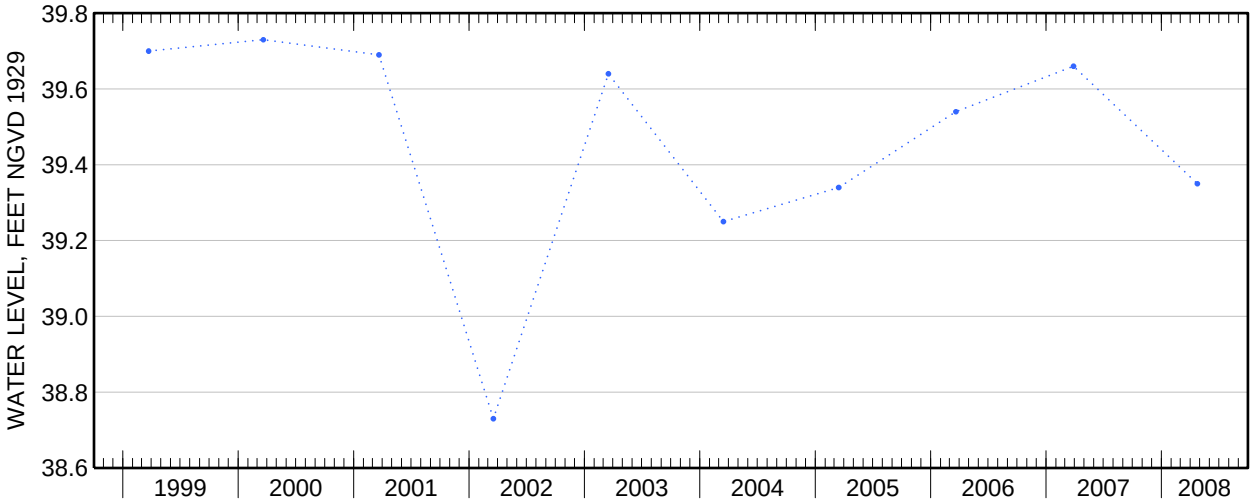
PERIOD OF RECORD.--May 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 23 | 39.35 |



Water-Data Report 2008

# 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.

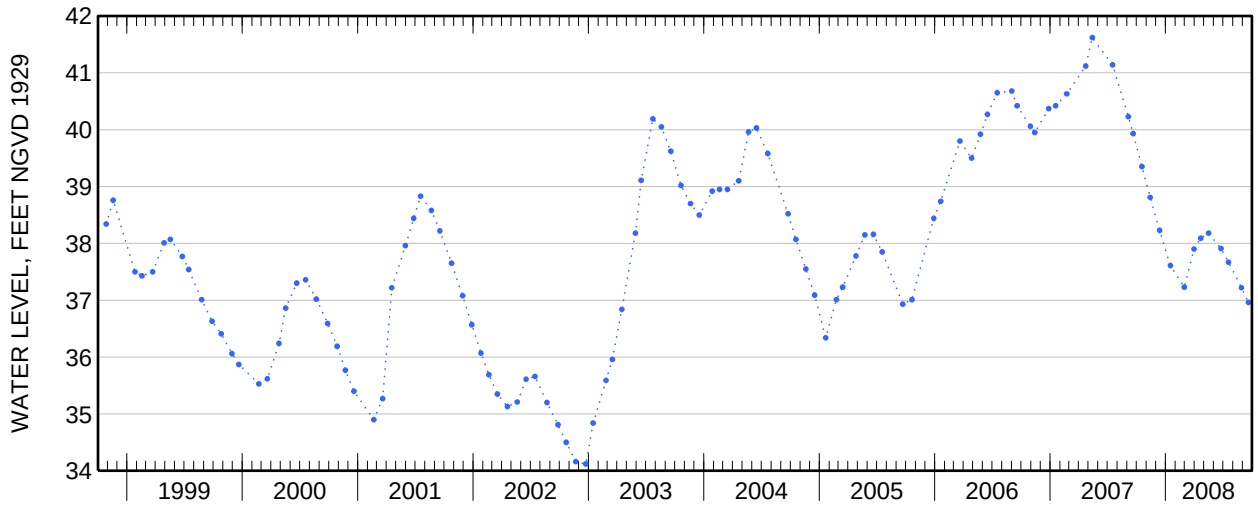
PERIOD OF RECORD.--May 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 39.35 | Apr 21 | 38.09 |
| Nov 13 | 38.81 | May 16 | 38.18 |
| Dec 13 | 38.23 | Jun 24 | 37.91 |
| Jan 16 | 37.61 | Jul 18 | 37.67 |
| Feb 29 | 37.23 | Aug 28 | 37.22 |
| Mar 31 | 37.90 | Sep 19 | 36.96 |



Water-Data Report 2008

# 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.

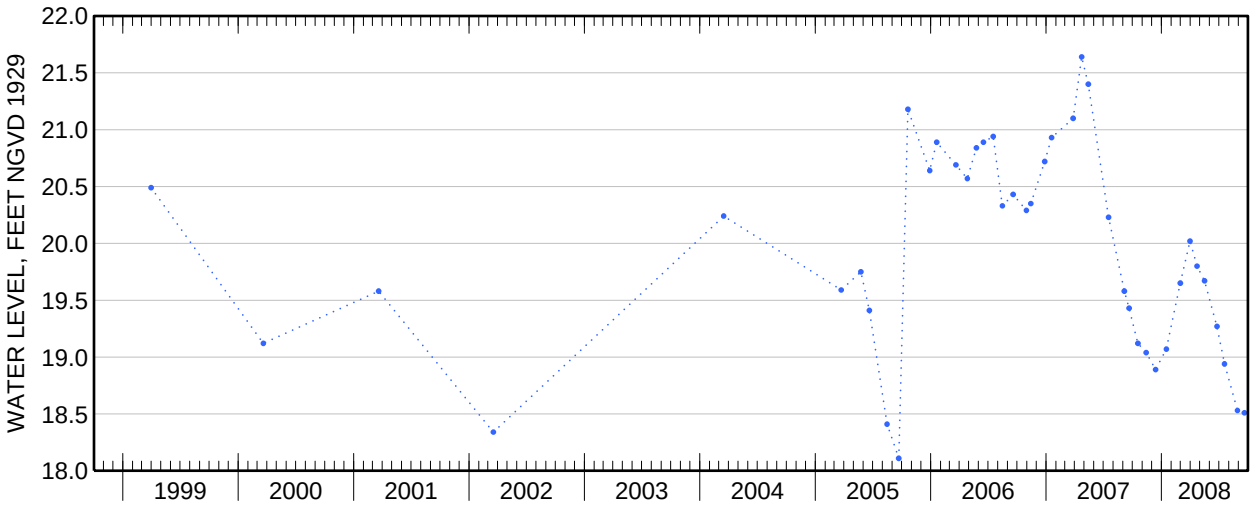
PERIOD OF RECORD.--May 1983 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 19.12 | Apr 22 | 19.80 |
| Nov 13 | 19.04 | May 16 | 19.67 |
| Dec 13 | 18.89 | Jun 24 | 19.27 |
| Jan 16 | 19.07 | Jul 18 | 18.94 |
| Feb 29 | 19.65 | Aug 28 | 18.53 |
| Mar 31 | 20.02 | Sep 19 | 18.51 |



Water-Data Report 2008

# 405256072392301 Local number S 74308. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°52'55.4", long 72°40'17.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Country Club Road, ½ mile east of Hampton Country Club, Southampton.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 104 ft. Upper casing diameter 2 in; top of first opening 100 ft, bottom of last opening 104 ft.

DATUM.--Land-surface datum is 98.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.48 ft below land-surface datum.

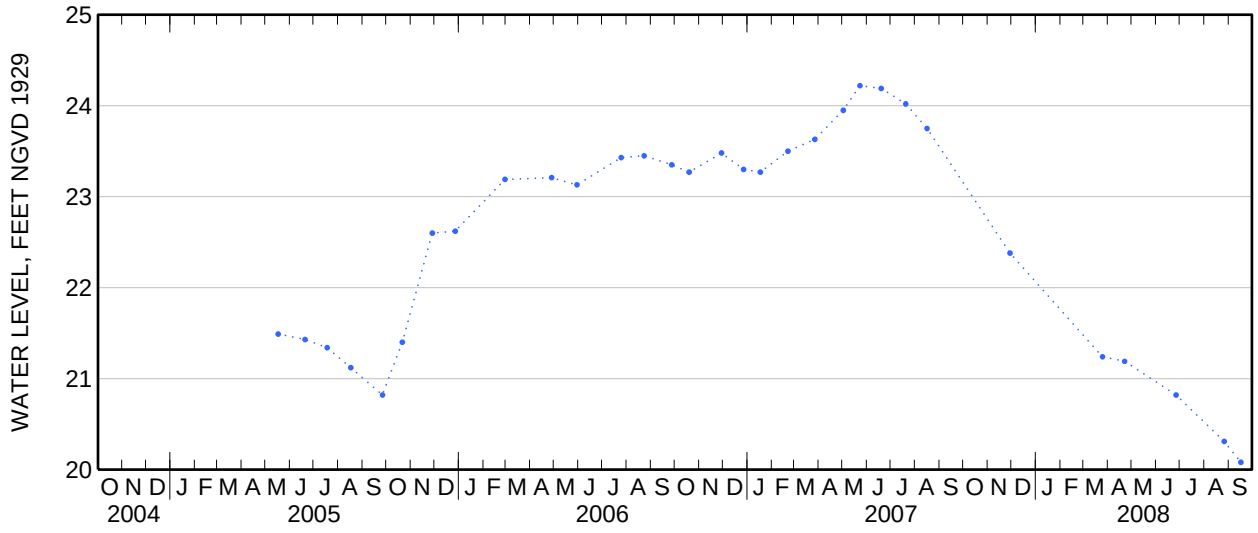
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.82 ft above sea level, September 25, 1984; lowest measured, 19.25 ft above sea level, February 8, 1989.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 22.38 | Jun 26 | 20.82 |
| Mar 25 | 21.24 | Aug 26 | 20.31 |
| Apr 22 | 21.19 | Sep 16 | 20.08 |



Water-Data Report 2008

# 404849073261201 Local number S 74585. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°48'50.6", long 73°26'11.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 455 ft. Upper casing diameter 4 in; top of first opening 452 ft, bottom of last opening 455 ft.

DATUM.--Land-surface datum is 365 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, at land-surface datum.

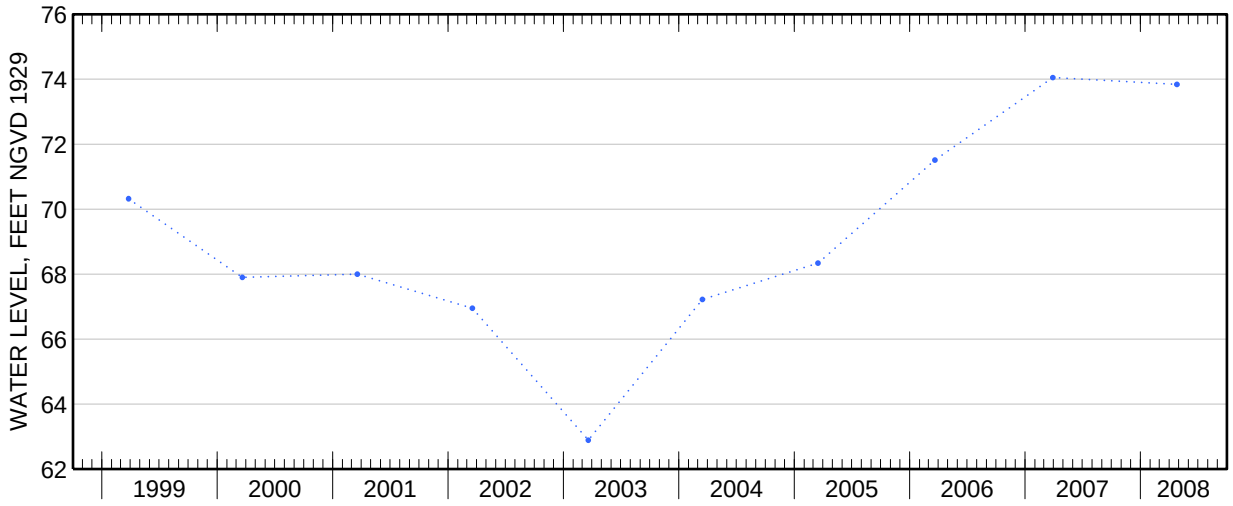
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.41 ft above sea level, March 7, 1985; lowest measured, 62.89 ft above sea level, March 20, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 73.84 |



Water-Data Report 2008

# 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.

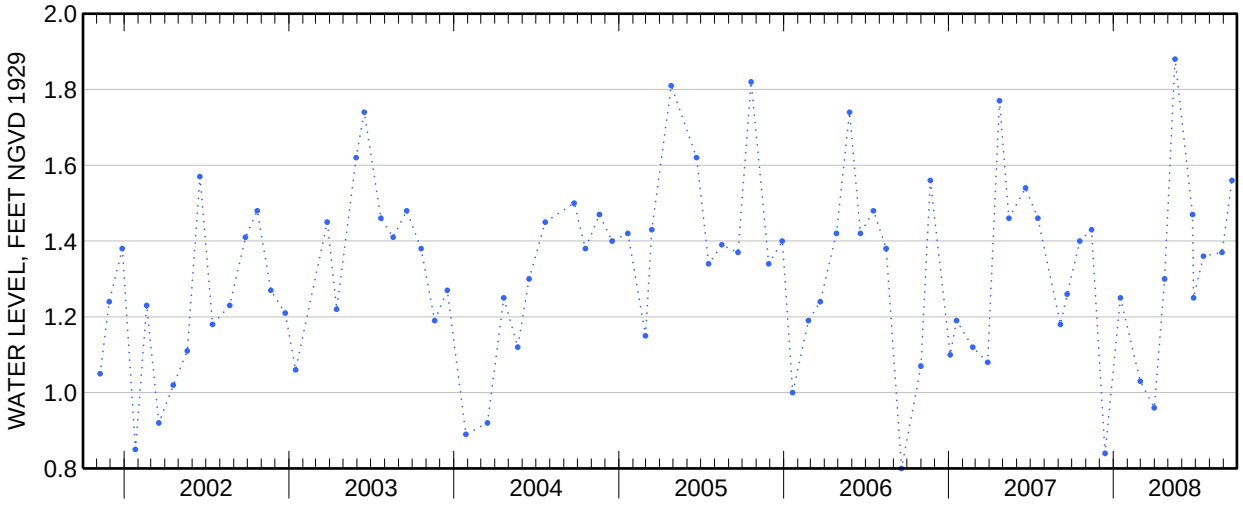
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.88 ft above sea level, May 16, 2008; lowest measured, 0.80 ft above sea level, September 18, 2006.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.40 | May 16 | 1.88 |
| Nov 13 | 1.43 | Jun 24 | 1.47 |
| Dec 13 | .84 | 26 | 1.25 |
| Jan 16 | 1.25 | Jul 18 | 1.36 |
| Feb 29 | 1.03 | Aug 28 | 1.37 |
| Mar 31 | .96 | Sep 19 | 1.56 |
| Apr 23 | 1.30 | | |



**410439072173501 Local number S 75432. 2—Continued**

**410439072173501 Local number S 75432. 2—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095) | Temper-ature, water, deg C (00010) | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl -6-methyl-aniline water, fltrd, µg/L (61620) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | 1200 | 19.75 | 19.30 | .6 | 10.3 | 5.5 | 107 | 11.7 | <.04mc | <.006 | <.010 | <.014mc | <.010mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2methyl phenol, water, fltrd, µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) | Azin-phos-methyl, water, fltrd 0.7u GF µg/L (82686) | Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673) | Car-baryl, water, fltrd 0.7u GF µg/L (82680) | Carbo-furan, water, fltrd 0.7u GF µg/L (82674) | Chlor-pyrifos oxon, water, fltrd, µg/L (61636) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc | <.120mc | <.010 | <.060mc | <.020mc | <.06mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Chlor-pyrifos water, fltrd, µg/L (38933) | cis-Per-methrin water fltrd 0.7u GF µg/L (82687) | cis-Propi-cona-zole, water, fltrd, µg/L (79846) | Cyana-zine, water, fltrd, µg/L (04041) | Cyflu-thrin, water, fltrd, µg/L (61585) | lambda-Cyhalo-thrin, water, fltrd, µg/L (61595) | Cyper-methrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulf-inyl-fipro-nil, water, fltrd, µg/L (62170) | Dicro-tophos, water, fltrd, µg/L (38454) | Diel-drin, water, fltrd, µg/L (39381) | Dimeth-oate, water, fltrd 0.7u GF µg/L (82662) | Disulf-oton sulfone water, fltrd, µg/L (61640) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.005 | <.010 | <.006mc | <.020 | <.016mc | <.004mc | <.014mc | <.003 | <.012 | <.08mc | <.009 | <.006mc | <.01 |

**410439072173501 Local number S 75432. 2—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.04mc | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.029 | <.013 | <.024 | <.020mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.010 | <.008 | <.01mc | <.006 | <.020 | <.016 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.010 | <.006 | <.012 | <.03mc | <.040 | <.06mc | <.008mc | <.01 | <.006 | <.004 | <.006 | <.04 | <.006 |

**410439072173501 Local number S 75432. 2—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 7 of 7

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Tebu-thiuron water, fltrd 0.7u GF µg/L (82670) | Teflu-thrin, water, fltrd, µg/L (61606) | Ter-bufos oxon sulfone water, fltrd, µg/L (61674) | Terbu-fos, water, fltrd 0.7u GF µg/L (82675) | Ter-buthyl-azine, water, fltrd, µg/L (04022) | Thio-bencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propi-cona-zole, water, fltrd, µg/L (79847) | Tribu-phos, water, fltrd, µg/L (61610) | Tri-flur-alin, water, fltrd 0.7u GF µg/L (82661) | Di-chlor-vos, water, fltrd, µg/L (38775) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | |
| **26...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.01mc |

Water-Data Report 2008

# 410534072204301 Local number S 75435. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°05′34″, long 72°20′42″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 37 ft. Upper casing diameter 2 in; top of first opening 32 ft, bottom of last opening 37 ft.

DATUM.--Land-surface datum is 21.7 ft above National Geodetic Vertical Datum of 1929.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 7

[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095) | Temper-ature, water, deg C (00010) | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl -6-methyl-aniline water, fltrd, µg/L (61620) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | 1000 | 19.98 | 19.70 | .3 | 6.6 | 6.1 | 200 | 12.4 | <.04mc | <.006 | <.010 | <.014mc | <.010mc |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 7

[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2methyl phenol, water, fltrd, µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) | Azin-phos-methyl, water, fltrd 0.7u GF µg/L (82686) | Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673) | Car-baryl, water, fltrd 0.7u GF µg/L (82680) | Carbo-furan, water, fltrd 0.7u GF µg/L (82674) | Chlor-pyrifos oxon, water, fltrd, µg/L (61636) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc | <.120mc | <.010 | <.060mc | <.020mc | <.06mc |

**410534072204301 Local number S 75435. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 7
[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.005 | <.010 | <.006mc | <.020 | <.016mc | <.004mc | <.014mc | <.003 | <.012 | <.08mc | <.009 | <.006mc | <.01 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 7
[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.04mc | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.029 | <.013 | <.024 | <.020mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 7
[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun | | | | | | | | | | | | | |
| 26... | <.010 | <.008 | <.01mc | <.006 | <.020 | <.016 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 |

**410534072204301 Local number S 75435. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 7
[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.010 | <.006 | <.012 | <.03mc | <.040 | <.06mc | <.008mc | <.01 | <.006 | <.004 | <.006 | <.04 | E.006b |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 7
[Remark codes: <, less than; E, estimated. Value qualifier codes: b, value extrapolated at low end; c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | Dichlorvos, water, fltrd, µg/L (38775) |
|---|---|---|---|---|---|---|---|---|---|---|
| Jun 26... | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.01mc |

Water-Data Report 2008

# 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 Menantic 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.

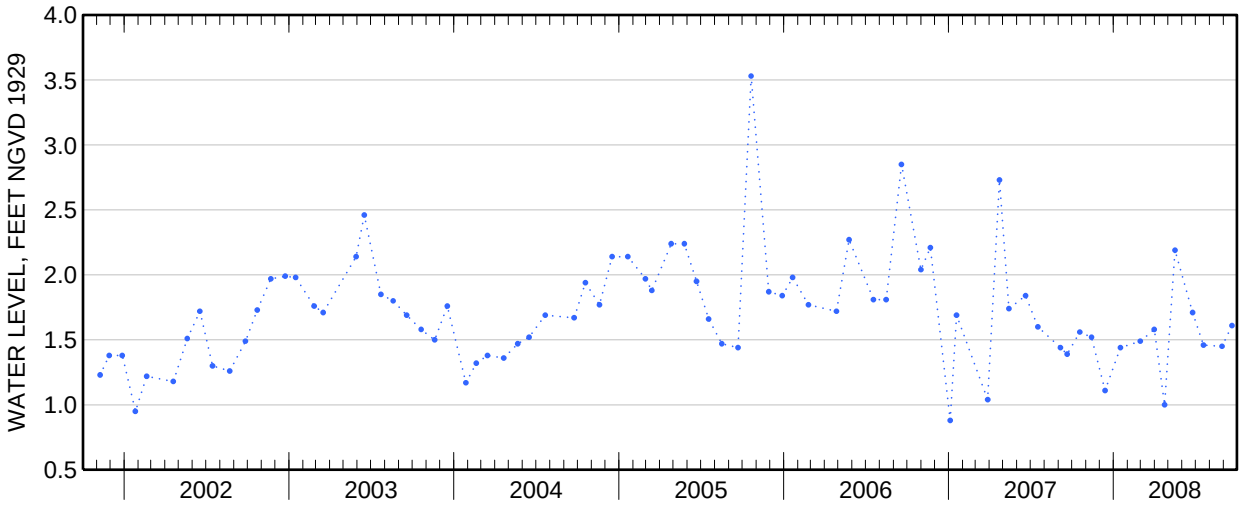
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 1.56 | Apr 23 | 1.00 |
| Nov 13 | 1.52 | May 16 | 2.19 |
| Dec 13 | 1.11 | Jun 24 | 1.71 |
| Jan 16 | 1.44 | Jul 18 | 1.46 |
| Feb 29 | 1.49 | Aug 28 | 1.45 |
| Mar 31 | 1.58 | Sep 19 | 1.61 |



Water-Data Report 2008

# 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.

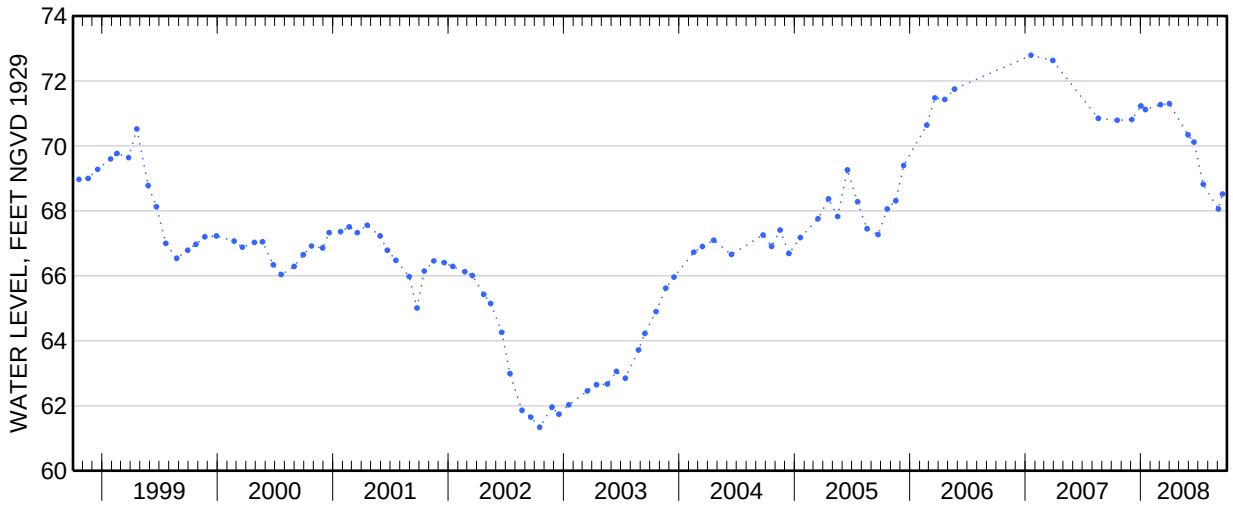
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 19 | 70.79 | May 30 | 70.34 |
| Dec 4 | 70.81 | Jun 18 | 70.12 |
| Jan 2 | 71.23 | Jul 17 | 68.82 |
| 16 | 71.12 | Sep 3 | 68.06 |
| Mar 4 | 71.27 | 16 | 68.52 |
| Apr 1 | 71.30 | | |



Water-Data Report 2008

# 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.

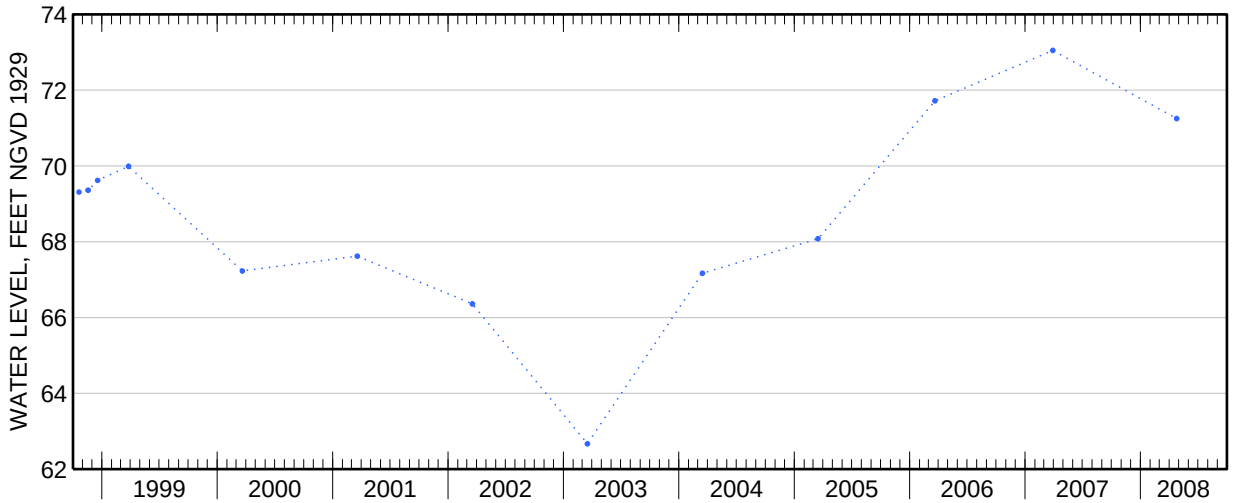
PERIOD OF RECORD.--March 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 71.25 |



Water-Data Report 2008

# 404859073194004 Local number S 75456. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°49'00.3", 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, 134 ft north of parking lot, southernmost well, Dix Hills.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 203 ft. Upper casing diameter 4 in; top of first opening 195 ft, bottom of last opening 200 ft.

DATUM.--Land-surface datum is 230.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.98 ft below land-surface datum.

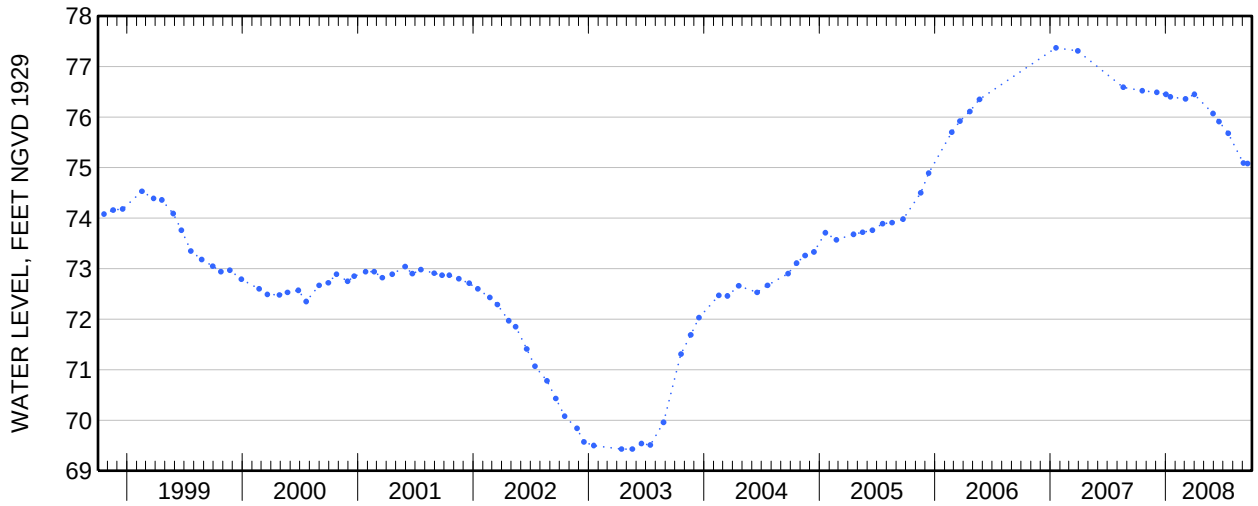
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.96 ft above sea level, November 20, 1991; lowest measured, 69.43 ft above sea level, April 15 and May 19, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 19 | 76.52 | May 30 | 76.07 |
| Dec 4 | 76.49 | Jun 18 | 75.91 |
| Jan 2 | 76.45 | Jul 17 | 75.68 |
| 16 | 76.40 | Sep 3 | 75.09 |
| Mar 4 | 76.36 | 16 | 75.08 |
| Apr 1 | 76.45 | | |



Water-Data Report 2008

# 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.

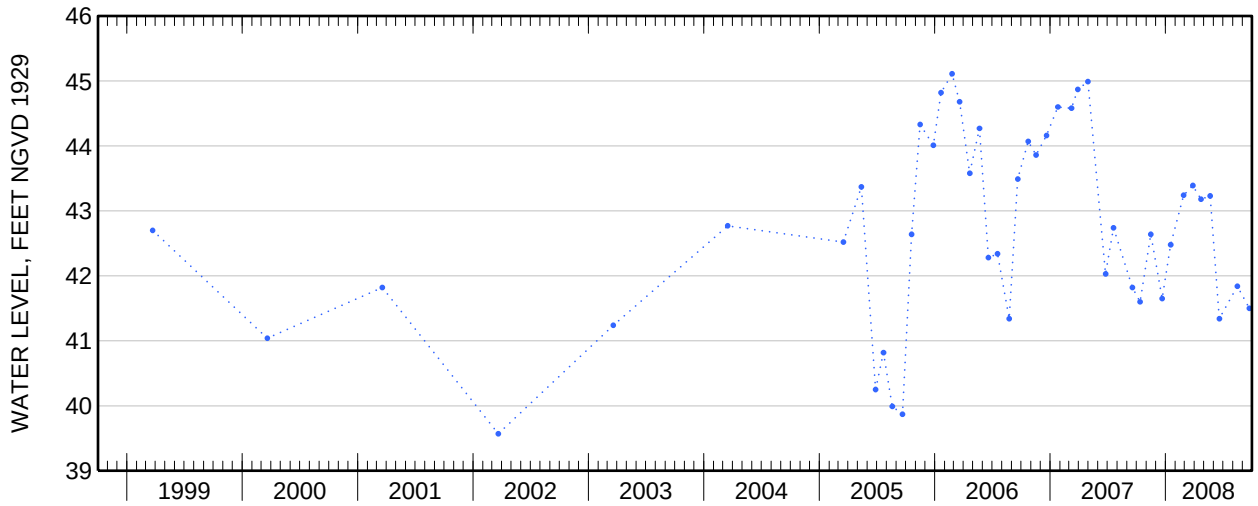
PERIOD OF RECORD.--June 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 41.60 | Apr 22 | 43.18 |
| Nov 15 | 42.64 | May 21 | 43.23 |
| Dec 21 | 41.65 | Jun 19 | 41.34 |
| Jan 17 | 42.48 | Aug 15 | 41.84 |
| Feb 27 | 43.24 | Sep 22 | 41.50 |
| Mar 27 | 43.39 | | |



Water-Data Report 2008

# 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.

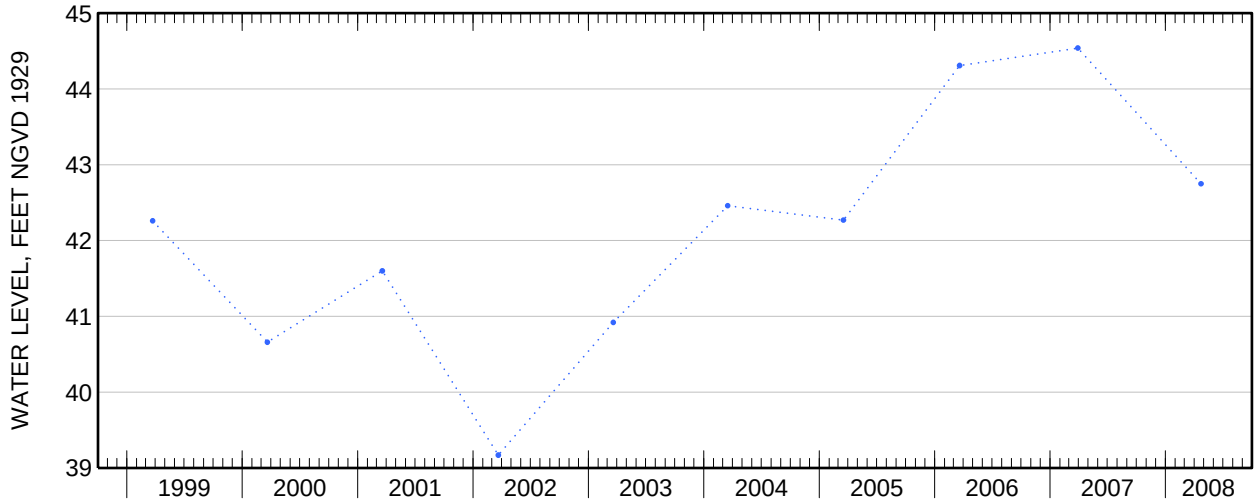
PERIOD OF RECORD.--June 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 42.75 |



Water-Data Report 2008

# 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.

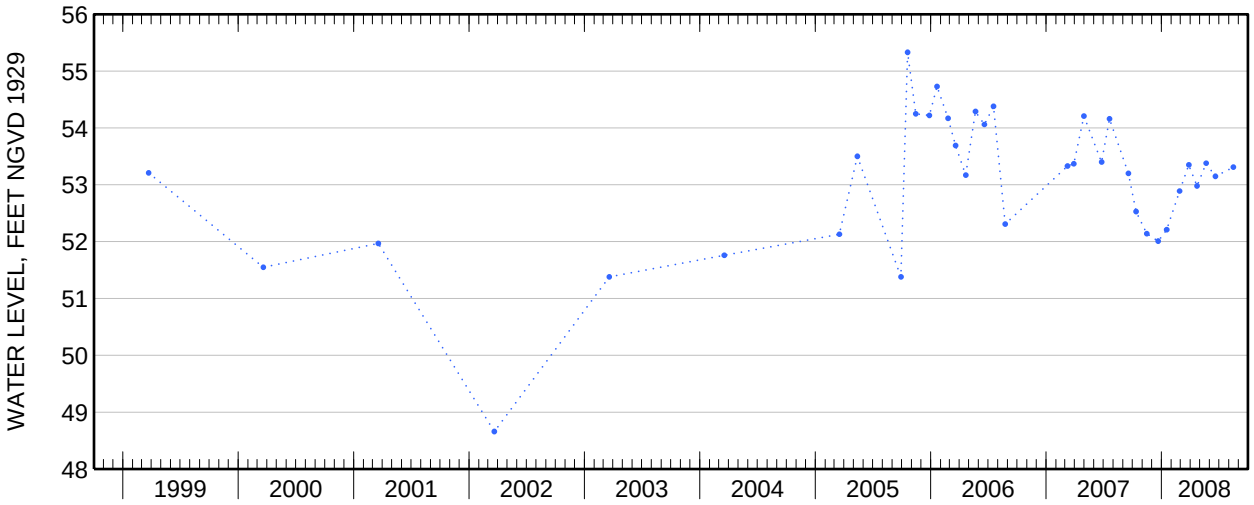
PERIOD OF RECORD.--September 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 12 | 52.53 | Mar 27 | 53.35 |
| Nov 15 | 52.14 | Apr 22 | 52.98 |
| Dec 21 | 52.01 | May 21 | 53.38 |
| Jan 17 | 52.21 | Jun 19 | 53.15 |
| Feb 27 | 52.89 | Aug 15 | 53.31 |



Water-Data Report 2008

# 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.

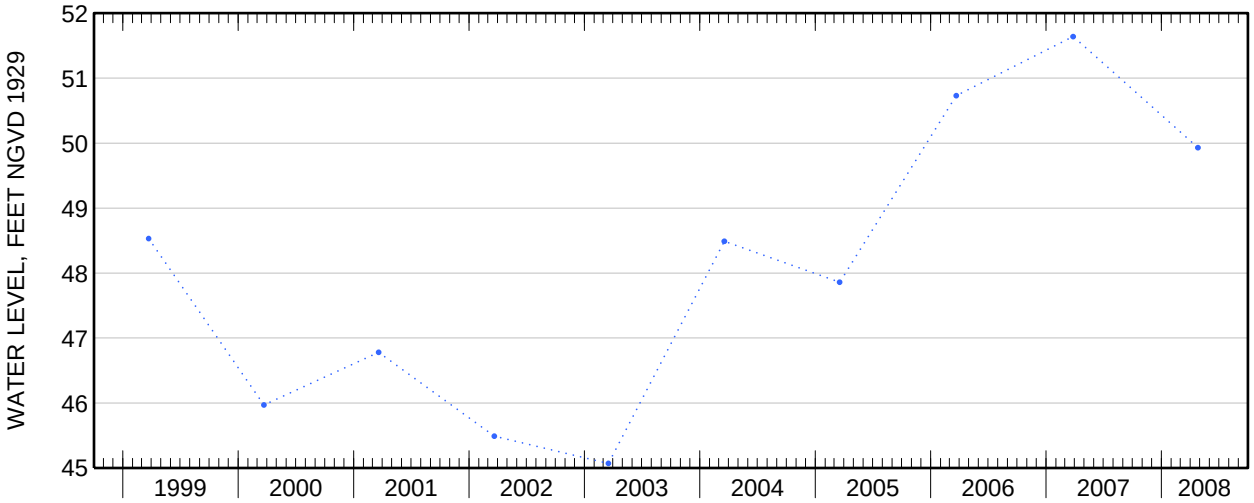
PERIOD OF RECORD.--April 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 49.93 |



Water-Data Report 2008

# 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.

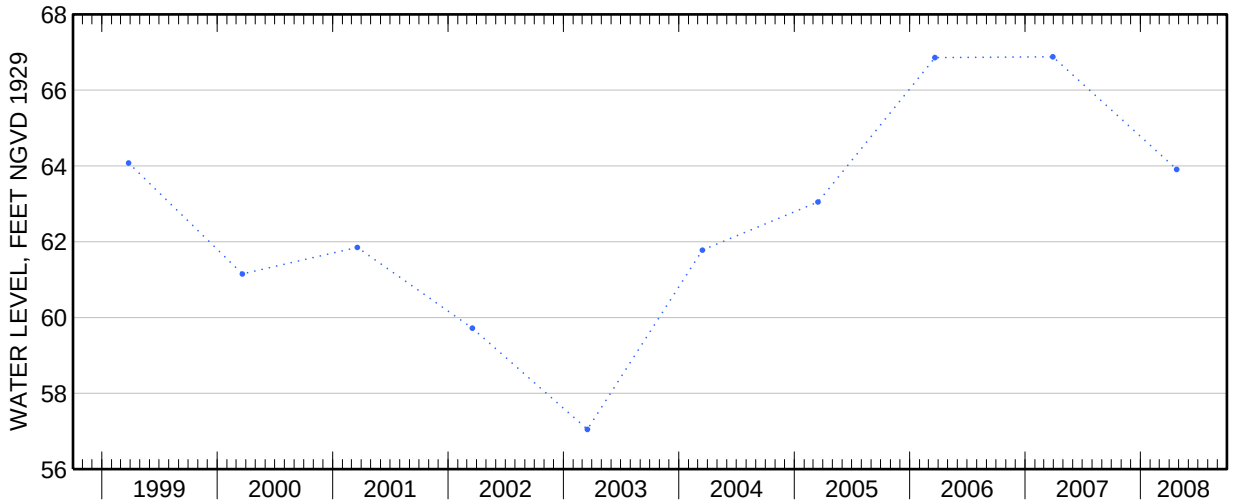
PERIOD OF RECORD.--August 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 63.91 |



Water-Data Report 2008

# 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.

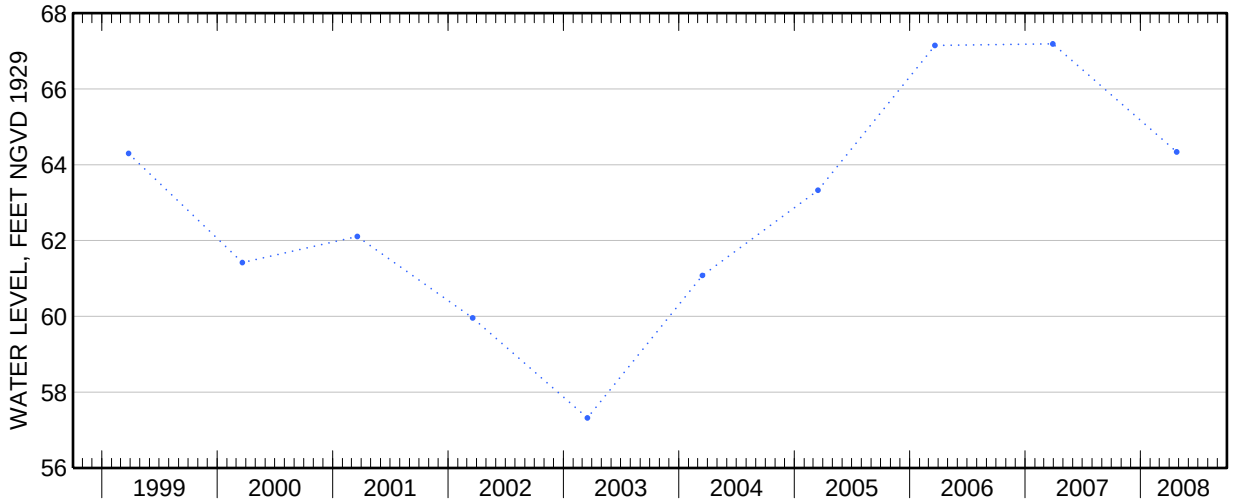
PERIOD OF RECORD.--August 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 64.34 |



Water-Data Report 2008

# 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.

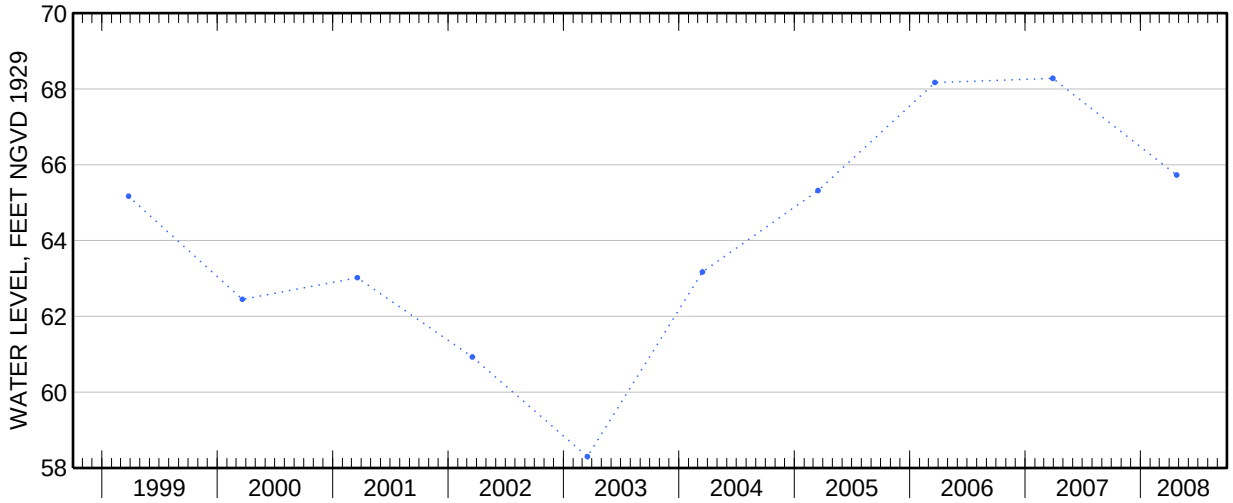
PERIOD OF RECORD.--August 1984 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 65.73 |



Water-Data Report 2008

# 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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 51.46 | Apr 23 | 50.46 |
| Nov 29 | 50.82 | May 30 | 50.54 |
| Jan 2 | 50.17 | Jul 1 | 50.34 |
| 23 | 49.84 | 23 | 50.10 |
| Feb 26 | 49.53 | Sep 3 | 49.58 |
| Mar 27 | 50.09 | 22 | 49.38 |

Water-Data Report 2008

# 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.

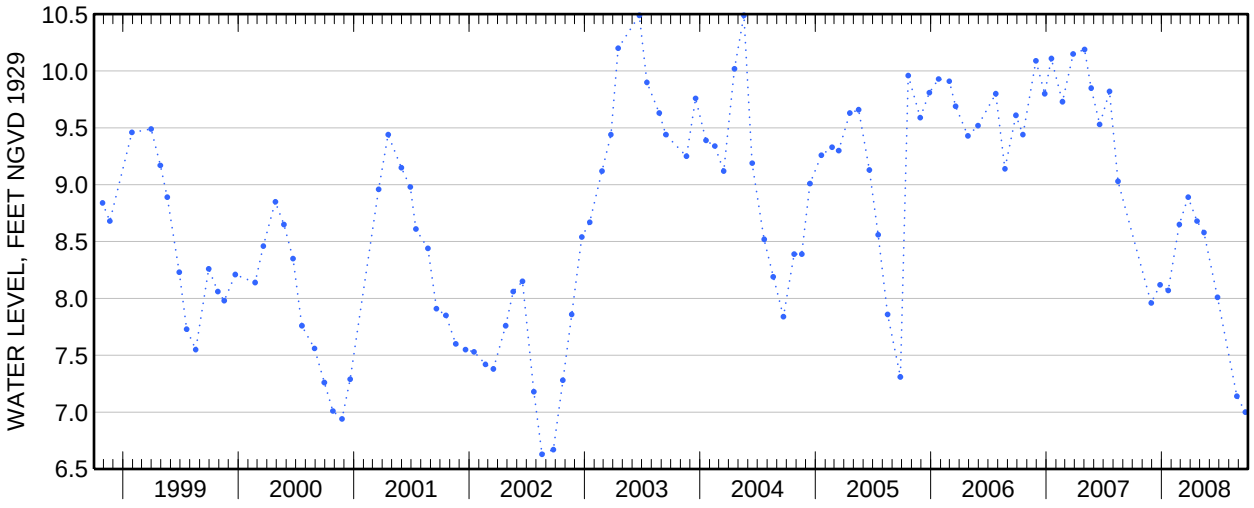
PERIOD OF RECORD.--March 1985 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 7.96 | Apr 22 | 8.68 |
| Dec 27 | 8.12 | May 14 | 8.58 |
| Jan 22 | 8.07 | Jun 26 | 8.01 |
| Feb 26 | 8.65 | Aug 26 | 7.14 |
| Mar 25 | 8.89 | Sep 22 | 7.00 |



Water-Data Report 2008

# 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.

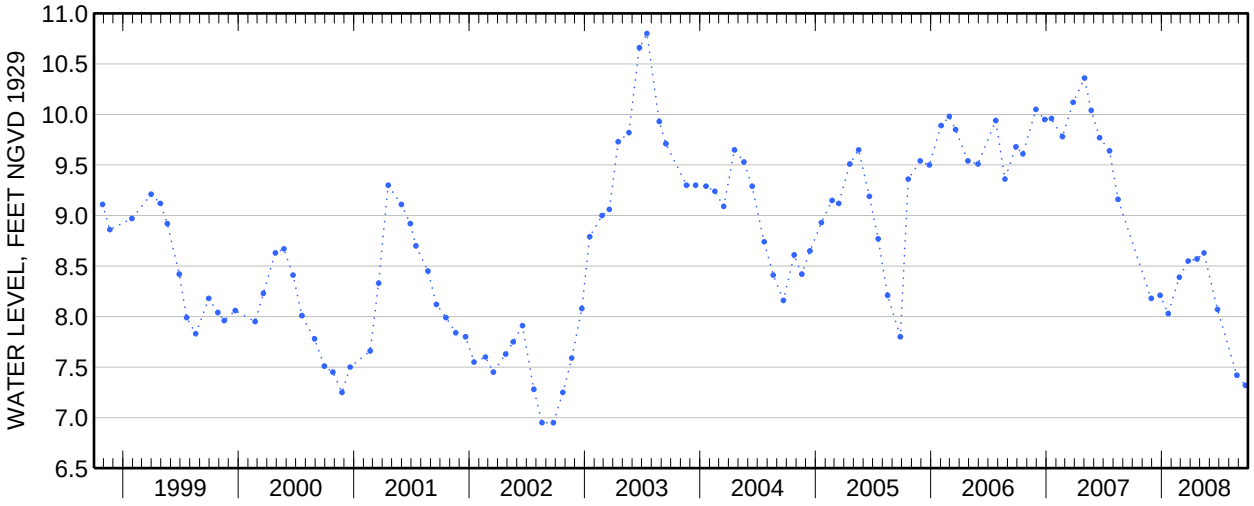
PERIOD OF RECORD.--March 1985 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 29 | 8.18 | Apr 22 | 8.57 |
| Dec 27 | 8.21 | May 14 | 8.63 |
| Jan 22 | 8.03 | Jun 26 | 8.07 |
| Feb 26 | 8.39 | Aug 26 | 7.42 |
| Mar 25 | 8.55 | Sep 22 | 7.32 |



Water-Data Report 2008

# 403935073235003 Local number S 79407. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Suffolk County, NY

LOCATION.--Lat 40°39'37.8", long 73°23'48.3" 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, western middle well, Copiague.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 1,219 ft. Upper casing diameter 4 in; top of first opening 1,192 ft, bottom of last opening 1,214 ft.

DATUM.--Land-surface datum is 7.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of valve stem, 0.38 ft below land-surface datum.

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

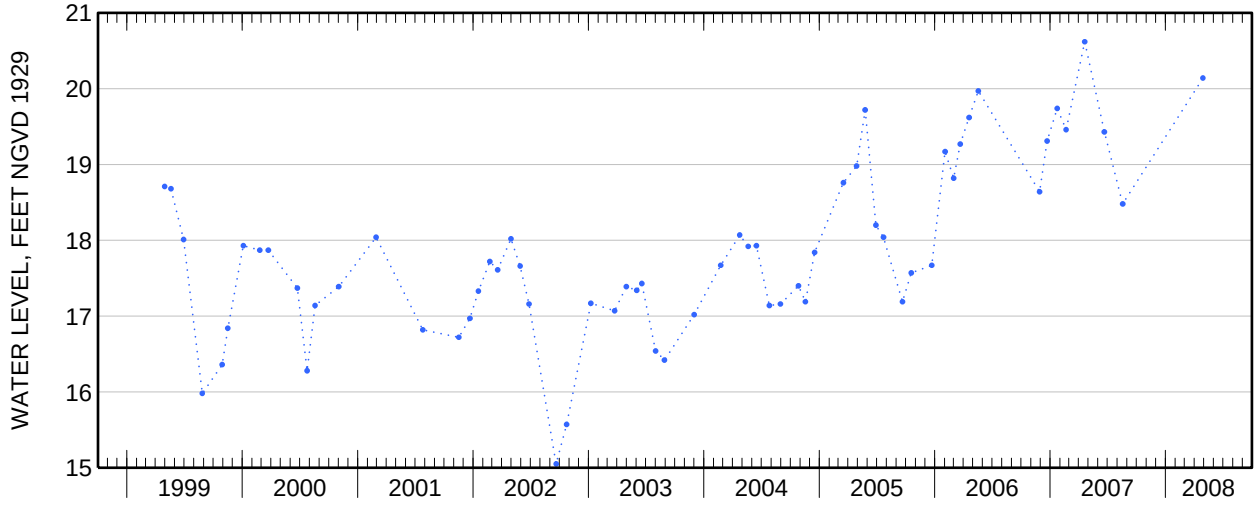
GAGE.--Measurement with clear plastic tube extension and stadia rod by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.62 ft above sea level, April 20, 2007; lowest measured, 14.07 ft above sea level, September 30, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 28 | 20.14 |



Water-Data Report 2008

# 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.

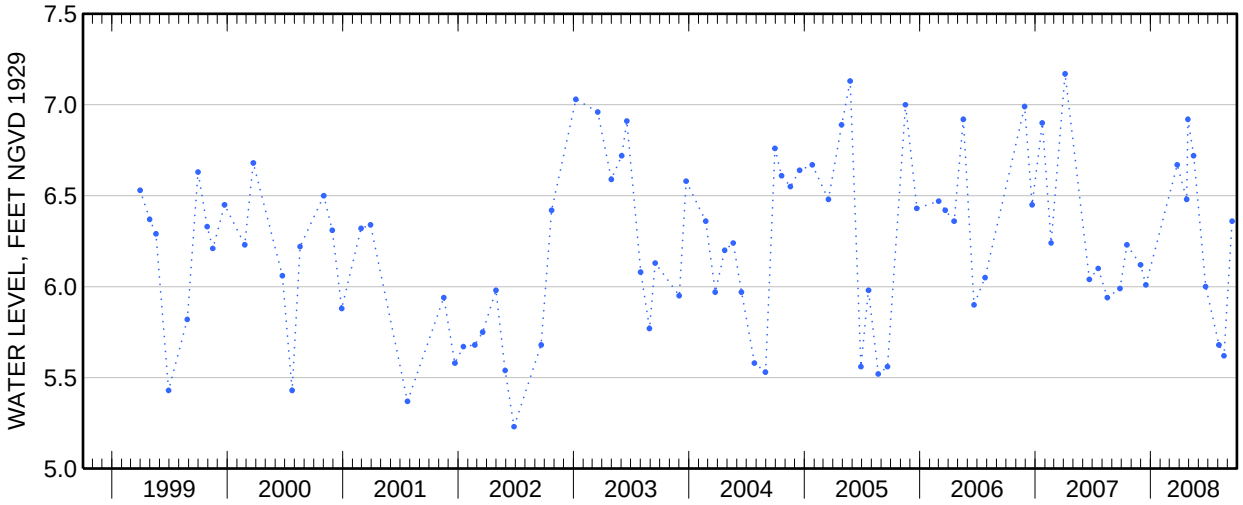
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 6.23 | May 16 | 6.72 |
| Nov 30 | 6.12 | Jun 23 | 6.00 |
| Dec 17 | 6.01 | Aug 4 | 5.68 |
| Mar 25 | 6.67 | 20 | 5.62 |
| Apr 24 | 6.48 | Sep 15 | 6.36 |
| 28 | 6.92 | | |



Water-Data Report 2008

# 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.

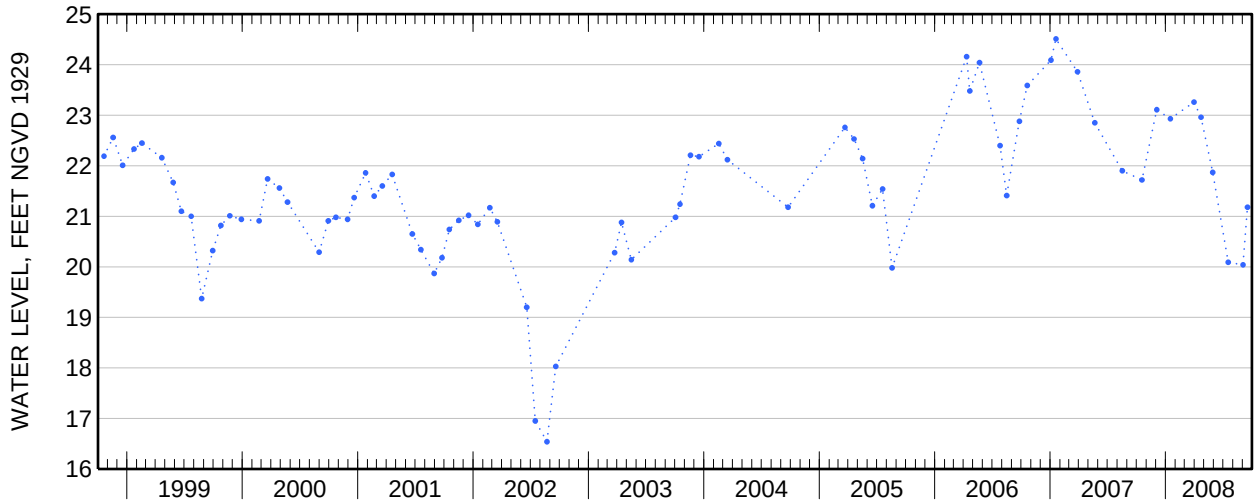
PERIOD OF RECORD.--March 1986 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 21.72 | May 29 | 21.87 |
| Dec 4 | 23.11 | Jul 17 | 20.09 |
| Jan 16 | 22.93 | Sep 2 | 20.04 |
| Mar 31 | 23.26 | 16 | 21.18 |
| Apr 22 | 22.96 | | |



Water-Data Report 2008

# 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.

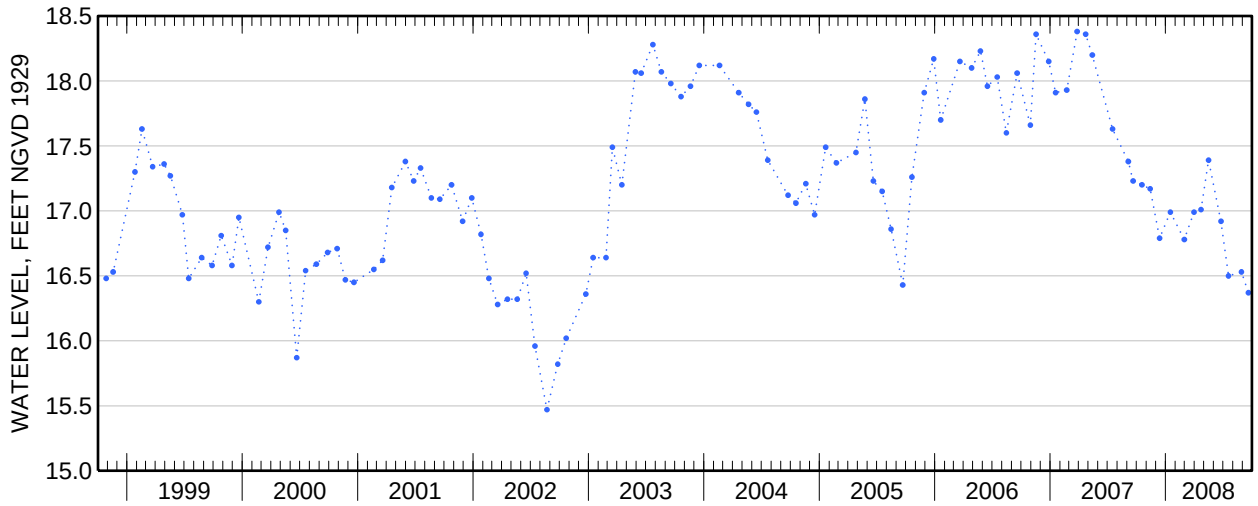
PERIOD OF RECORD.--June 1987 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 17.20 | Apr 22 | 17.01 |
| Nov 13 | 17.17 | May 16 | 17.39 |
| Dec 13 | 16.79 | Jun 24 | 16.92 |
| Jan 16 | 16.99 | Jul 18 | 16.50 |
| Feb 29 | 16.78 | Aug 28 | 16.53 |
| Mar 31 | 16.99 | Sep 19 | 16.37 |



Water-Data Report 2008

# 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.

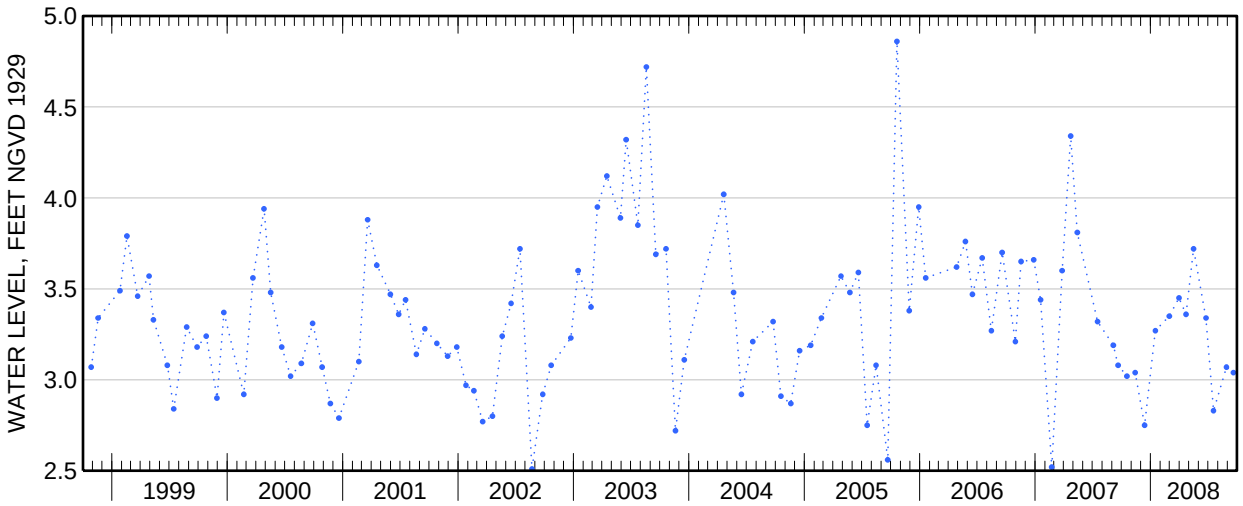
PERIOD OF RECORD.--June 1987 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 3.02 | Apr 22 | 3.36 |
| Nov 13 | 3.04 | May 16 | 3.72 |
| Dec 13 | 2.75 | Jun 24 | 3.34 |
| Jan 16 | 3.27 | Jul 18 | 2.83 |
| Feb 29 | 3.35 | Aug 28 | 3.07 |
| Mar 31 | 3.45 | Sep 19 | 3.04 |



Water-Data Report 2008

# 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.

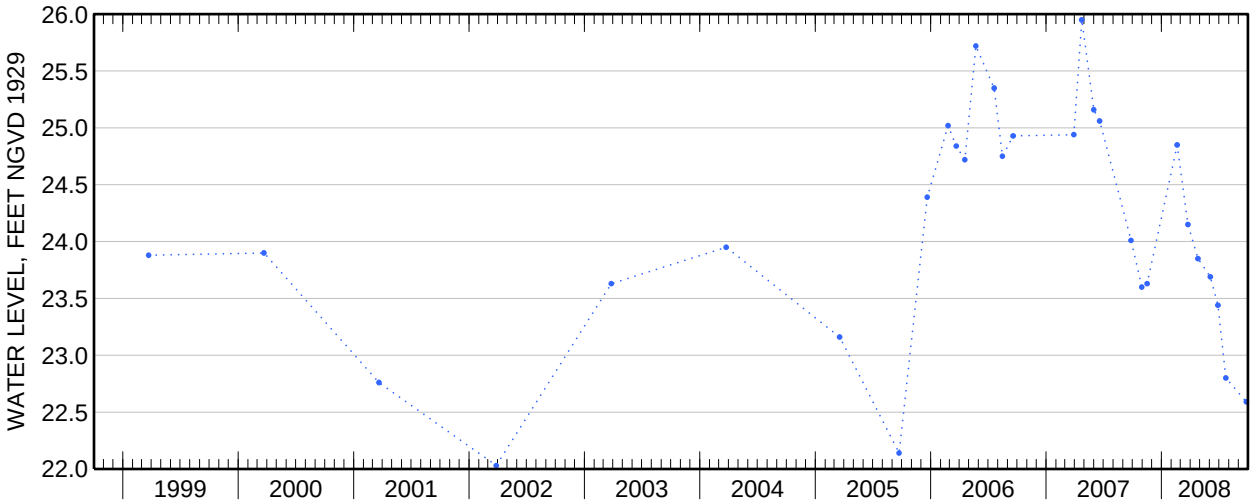
PERIOD OF RECORD.--March 1987 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 23.60 | Jun 3 | 23.69 |
| Nov 16 | 23.63 | 27 | 23.44 |
| Feb 19 | 24.85 | Jul 22 | 22.80 |
| Mar 24 | 24.15 | Sep 25 | 22.59 |
| Apr 25 | 23.85 | | |



Water-Data Report 2008

# 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.

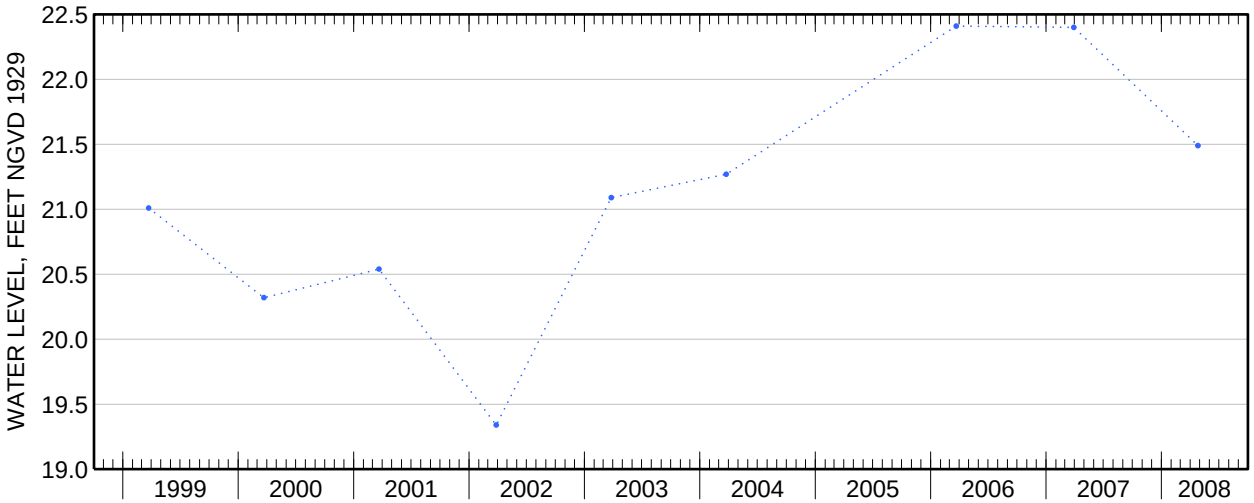
PERIOD OF RECORD.--March 1987 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 21.49 |



Water-Data Report 2008

# 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.

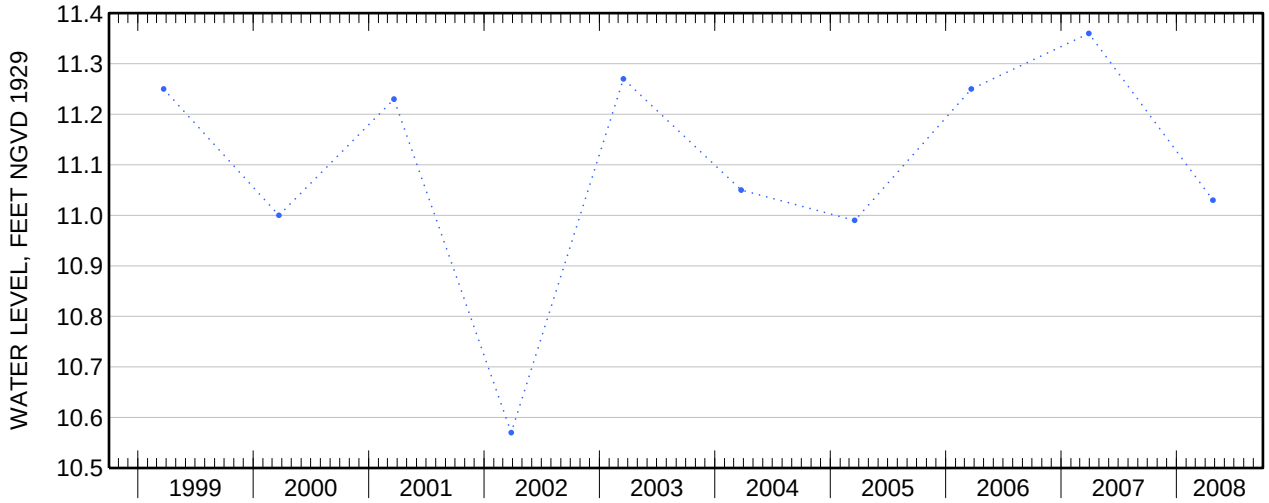
PERIOD OF RECORD.--March 1987 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 11.03 |



Water-Data Report 2008

# 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.

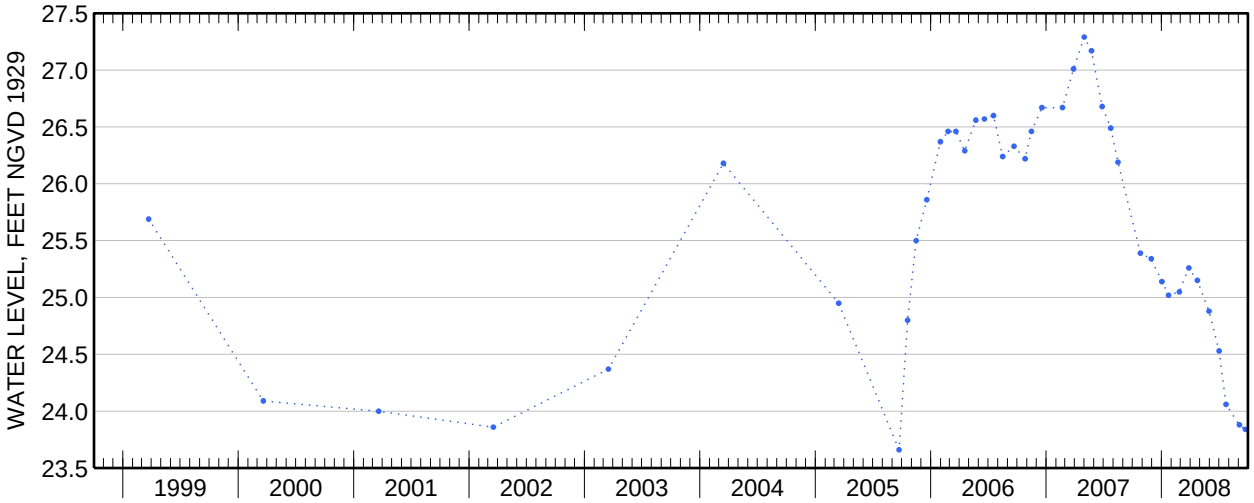
PERIOD OF RECORD.--March 1994 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 25.39 | Apr 23 | 25.15 |
| Nov 29 | 25.34 | May 30 | 24.88 |
| Jan 2 | 25.14 | Jul 1 | 24.53 |
| 23 | 25.02 | 23 | 24.06 |
| Feb 26 | 25.05 | Sep 3 | 23.88 |
| Mar 27 | 25.26 | 22 | 23.84 |



Water-Data Report 2008

# 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.

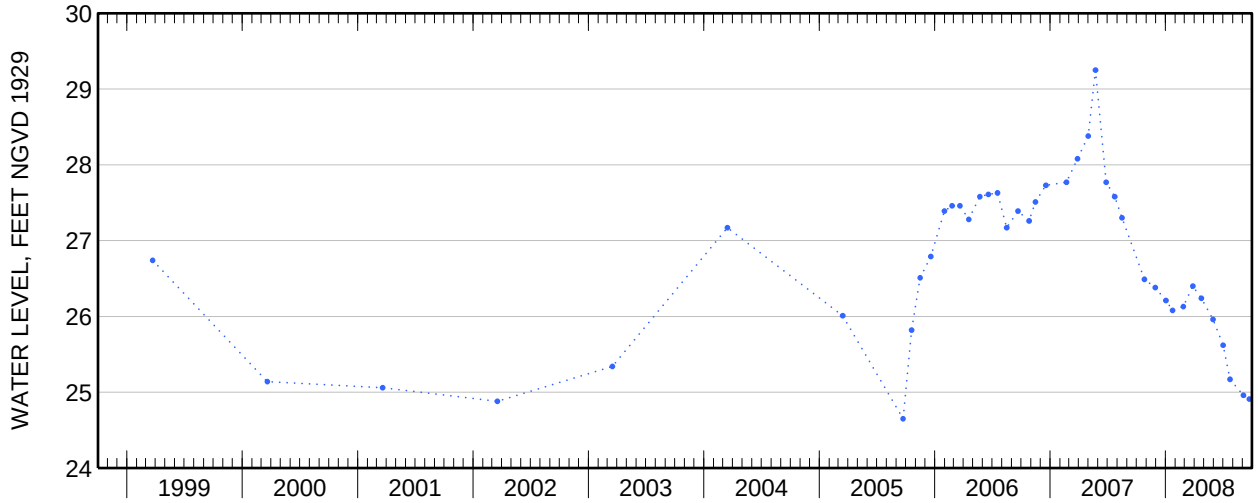
PERIOD OF RECORD.--March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 26.49 | Apr 23 | 26.24 |
| Nov 29 | 26.38 | May 30 | 25.96 |
| Jan 2 | 26.21 | Jul 1 | 25.62 |
| 23 | 26.08 | 23 | 25.17 |
| Feb 26 | 26.13 | Sep 3 | 24.96 |
| Mar 27 | 26.4 | 22 | 24.91 |



Water-Data Report 2008

# 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.

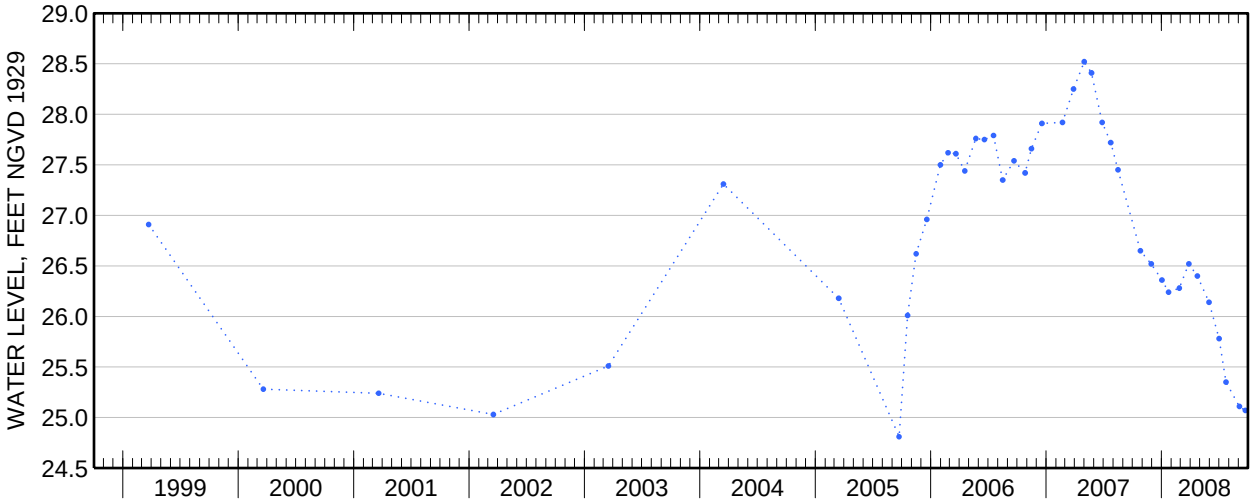
PERIOD OF RECORD.--March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 26 | 26.65 | Apr 23 | 26.40 |
| Nov 29 | 26.52 | May 30 | 26.14 |
| Jan 2 | 26.36 | Jul 1 | 25.78 |
| 23 | 26.24 | 23 | 25.35 |
| Feb 26 | 26.28 | Sep 3 | 25.11 |
| Mar 27 | 26.52 | 22 | 25.07 |



Water-Data Report 2008

# 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.

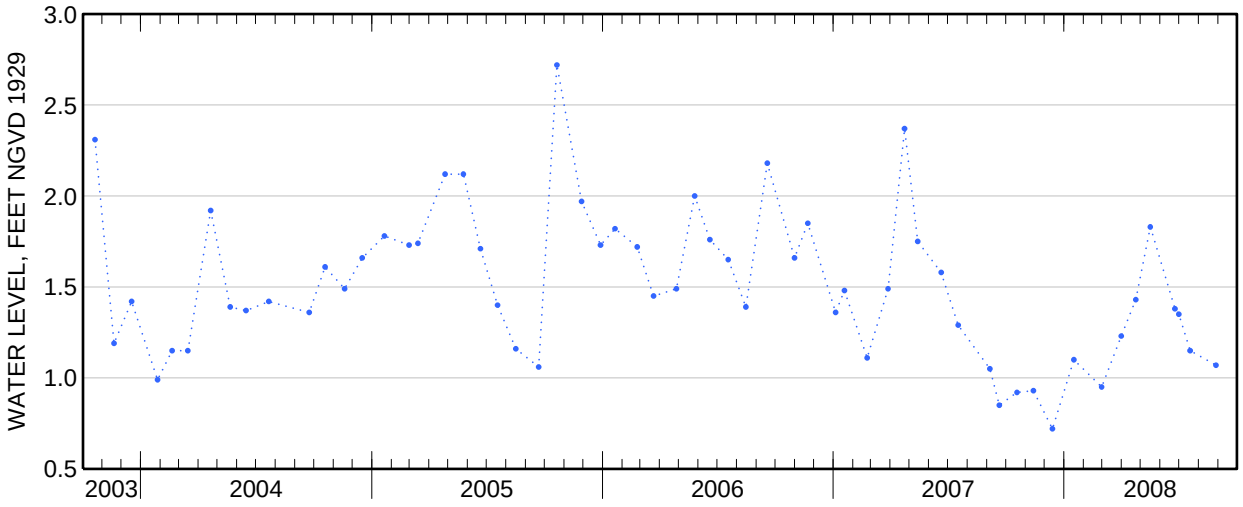
PERIOD OF RECORD.--March 1990 to current year.

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

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | .92 | Apr 23 | 1.43 |
| Nov 13 | .93 | May 16 | 1.83 |
| Dec 13 | .72 | Jun 24 | 1.38 |
| Jan 16 | 1.10 | 30 | 1.35 |
| Feb 29 | .95 | Jul 18 | 1.15 |
| Mar 31 | 1.23 | Aug 28 | 1.07 |



**410253072192601 Local number S 90279. 1—Continued**

**WATER-QUALITY RECORDS**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 1 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095) | Temper-ature, water, deg C (00010) | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl -6-methyl-aniline water, fltrd, µg/L (61620) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | 1200 | 18.65 | 18.30 | .1 | 4.3 | 5.4 | 356 | 12.2 | <.04mc | <.006 | <.010 | <.014mc | <.010mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 2 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2methyl phenol, water, fltrd, µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) | Azin-phos-methyl, water, fltrd 0.7u GF µg/L (82686) | Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673) | Car-baryl, water, fltrd 0.7u GF µg/L (82680) | Carbo-furan, water, fltrd 0.7u GF µg/L (82674) | Chlor-pyrifos oxon, water, fltrd, µg/L (61636) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc | <.120mc | <.010 | <.060mc | <.020mc | <.06mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Chlor-pyrifos water, fltrd, µg/L (38933) | cis-Per-methrin water fltrd 0.7u GF µg/L (82687) | cis-Propi-cona-zole, water, fltrd, µg/L (79846) | Cyana-zine, water, fltrd, µg/L (04041) | Cyflu-thrin, water, fltrd, µg/L (61585) | lambda-Cyhalo-thrin, water, fltrd, µg/L (61595) | Cyper-methrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulf-inyl-fipro-nil, water, fltrd, µg/L (62170) | Dicro-tophos, water, fltrd, µg/L (38454) | Diel-drin, water, fltrd, µg/L (39381) | Dimeth-oate, water, fltrd 0.7u GF µg/L (82662) | Disulf-oton sulfone water, fltrd, µg/L (61640) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.005 | <.010 | <.006mc | <.020 | <.016mc | <.004mc | <.014mc | <.003 | <.012 | <.08mc | <.009 | <.006mc | <.01 |

**410253072192601 Local number S 90279. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.04mc | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.029 | <.013 | <.024 | <.020mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.010 | <.008 | <.01mc | <.006 | <.020 | <.016 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.010 | <.006 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.004 | <.006 | <.04 | <.006 |

**410253072192601 Local number S 90279. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 7 of 7

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Tebu-thiuron water, fltrd 0.7u GF µg/L (82670) | Teflu-thrin, water, fltrd, µg/L (61606) | Ter-bufos oxon sulfone water, fltrd, µg/L (61674) | Terbu-fos, water, fltrd 0.7u GF µg/L (82675) | Ter-buthyl-azine, water, fltrd, µg/L (04022) | Thio-bencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propi-cona-zole, water, fltrd, µg/L (79847) | Tribu-phos, water, fltrd, µg/L (61610) | Tri-flur-alin, water, fltrd 0.7u GF µg/L (82661) | Di-chlor-vos, water, fltrd, µg/L (38775) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Jun** | | | | | | | | | | |
| **30...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.01mc |

Water-Data Report 2008

# 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.

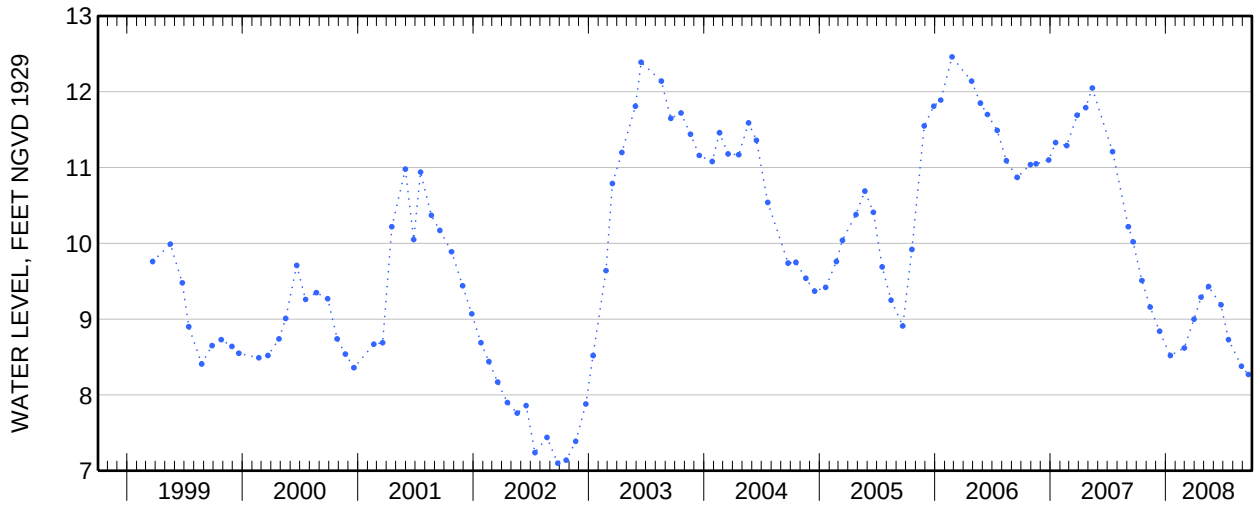
PERIOD OF RECORD.--September 1988 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 9.51 | Apr 22 | 9.29 |
| Nov 13 | 9.16 | May 16 | 9.43 |
| Dec 13 | 8.84 | Jun 24 | 9.19 |
| Jan 16 | 8.52 | Jul 18 | 8.73 |
| Feb 29 | 8.62 | Aug 28 | 8.38 |
| Mar 31 | 9.00 | Sep 19 | 8.27 |



Water-Data Report 2008

# 405038072431101 Local number S 94486. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°50'32.5", long 72°43'07.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 155 ft. Upper casing diameter 2 in; top of first opening 148 ft, bottom of last opening 153 ft.

DATUM.--Land-surface datum is 46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.02 ft below land-surface datum.

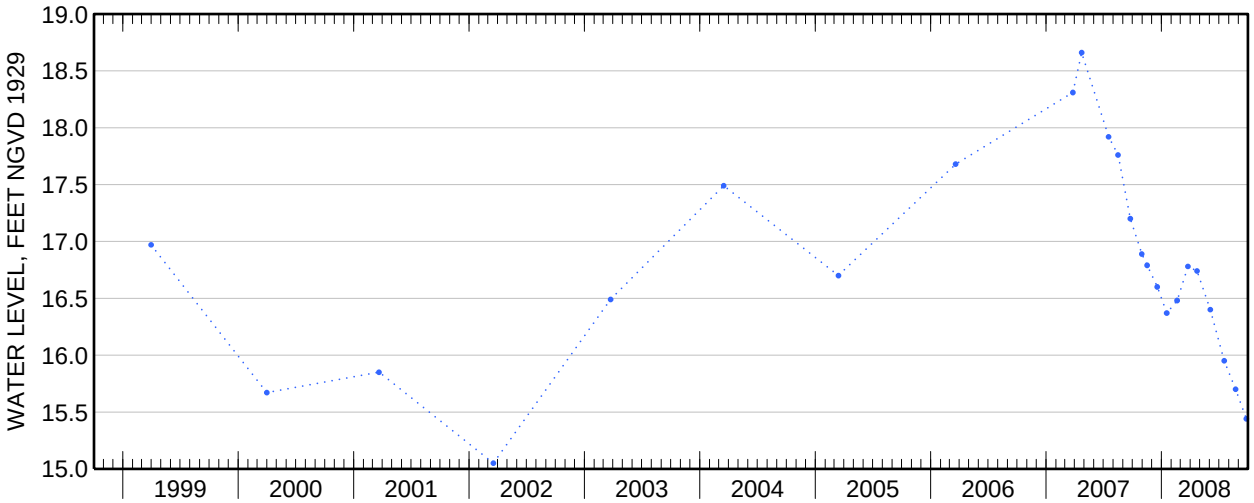
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.66 ft above sea level, April 23, 2007; lowest measured, 14.98 ft above sea level, March 22, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 16.89 | Apr 22 | 16.74 |
| Nov 16 | 16.79 | Jun 3 | 16.40 |
| Dec 18 | 16.60 | Jul 17 | 15.95 |
| Jan 17 | 16.37 | Aug 22 | 15.70 |
| Feb 19 | 16.48 | Sep 25 | 15.44 |
| Mar 24 | 16.78 | | |



Water-Data Report 2008

# 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.

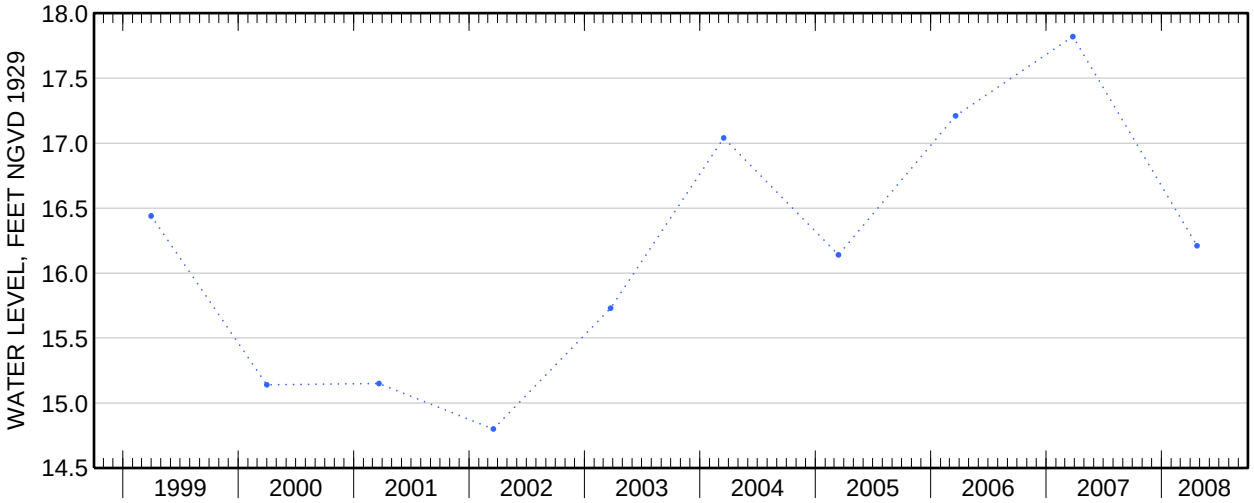
PERIOD OF RECORD.--March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 16.21 |



Water-Data Report 2008

# 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.

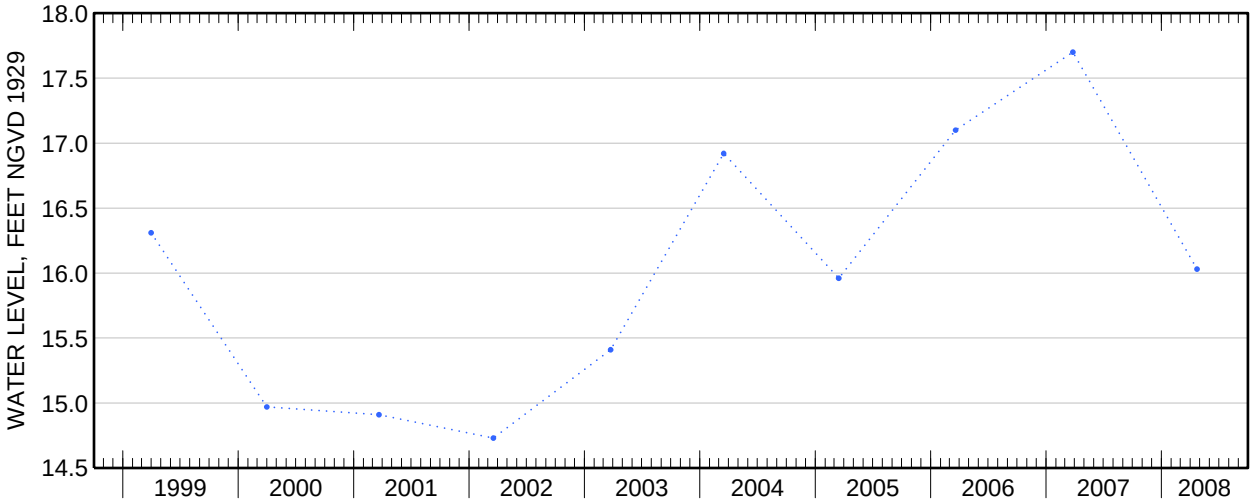
PERIOD OF RECORD.--March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 16.03 |



Water-Data Report 2008

# 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.

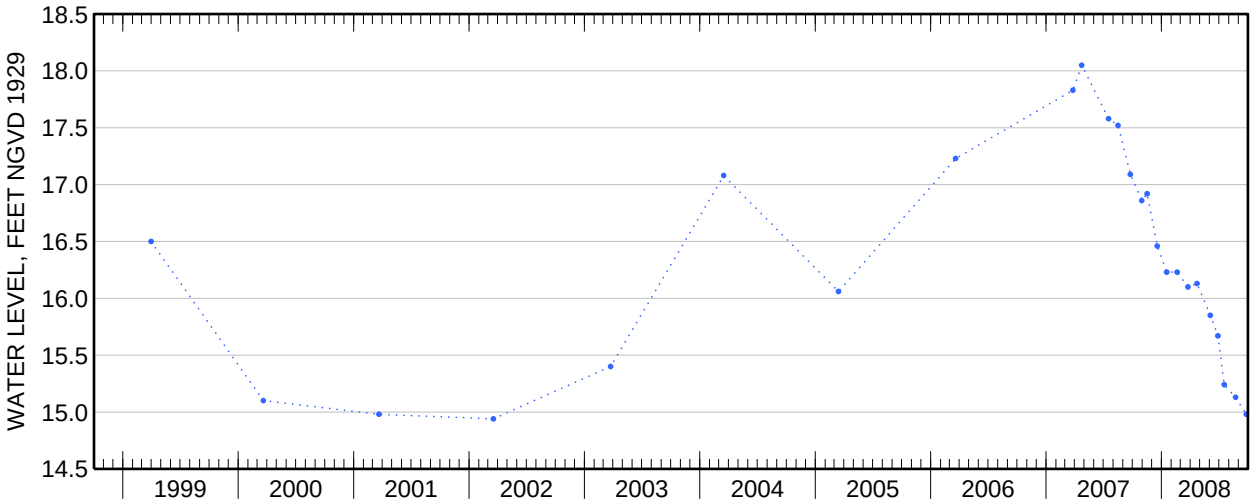
PERIOD OF RECORD.--March 1990 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 30 | 16.86 | Apr 22 | 16.13 |
| Nov 16 | 16.92 | Jun 3 | 15.85 |
| Dec 18 | 16.46 | 27 | 15.67 |
| Jan 17 | 16.23 | Jul 17 | 15.24 |
| Feb 19 | 16.23 | Aug 22 | 15.13 |
| Mar 24 | 16.10 | Sep 25 | 14.98 |



Water-Data Report 2008

# 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.

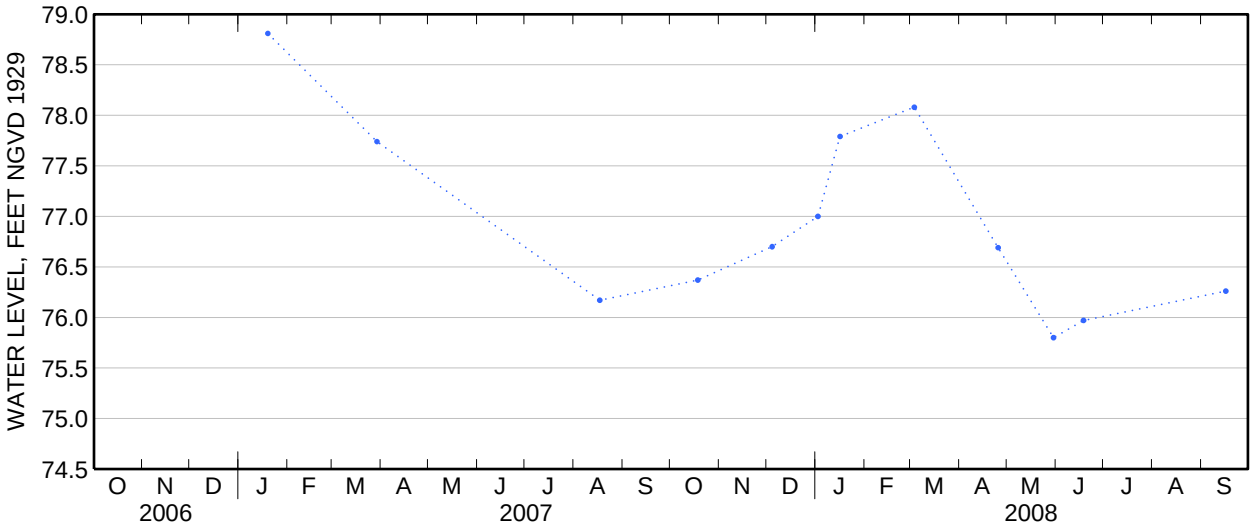
PERIOD OF RECORD.--January 2007 to current year.

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, 75.80 ft above sea level, May 30, 2008.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 18 | 76.37 | Apr 25 | 76.69 |
| Dec 4 | 76.70 | May 30 | 75.80 |
| Jan 2 | 77.00 | Jun 18 | 75.97 |
| 16 | 77.79 | Sep 16 | 76.26 |
| Mar 3 | 78.08 | | |



Water-Data Report 2008

# 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.

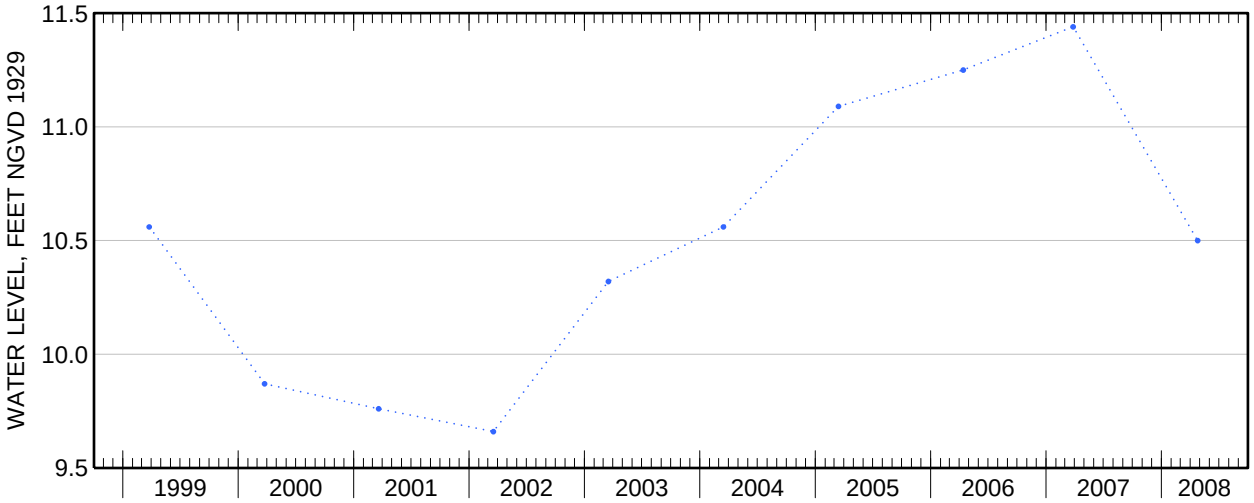
PERIOD OF RECORD.--January 1995 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 10.50 |



Water-Data Report 2008

# 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.

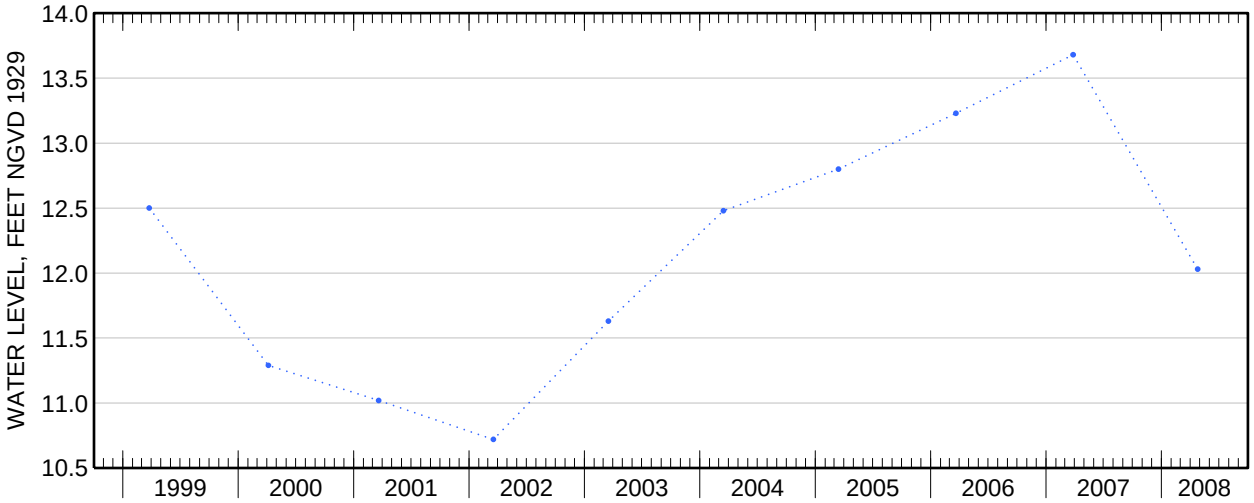
PERIOD OF RECORD.--January 1995 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 12.03 |



Water-Data Report 2008

# 410413072220501 Local number S106166. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04′13″, long 72°22′05″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 112 ft. Upper casing diameter 2 in; top of first opening 92 ft, bottom of last opening 102 ft.

DATUM.--Land-surface datum is 76.2 ft above National Geodetic Vertical Datum of 1929.

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 7

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Time | Depth to water level, feet below LSD (72019) | Water level, depth below MP, feet (61055) | Turbdty white light, det ang 90+/-30 degrees NTU (63675) | Dis-solved oxygen, mg/L (00300) | pH, water, unfltrd field, std units (00400) | Specif-ic conduc-tance, wat unf µS/cm 25 degC (00095) | Temper-ature, water, deg C (00010) | 1-Naph-thol, water, fltrd 0.7u GF µg/L (49295) | 2,6-Di-ethyl-aniline water, fltrd 0.7u GF µg/L (82660) | 2Chloro -2',6'-diethyl acet-anilide wat flt µg/L (61618) | CIAT, water, fltrd, µg/L (04040) | 2-Ethyl -6-methyl-aniline water, fltrd, µg/L (61620) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | 1030 | 72.95 | 72.74 | 13 | 4.4 | 6.7 | 170 | 13.6 | <.04mc | <.006 | <.010 | <.014mc | <.010mc |

### WATER-QUALITY DATA
### WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 7

[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | 3,4-Di-chloro-aniline water, fltrd, µg/L (61625) | 3,5-Di-chloro-aniline water, fltrd, µg/L (61627) | 4-Chloro-2methyl phenol, water, fltrd, µg/L (61633) | Aceto-chlor, water, fltrd, µg/L (49260) | Ala-chlor, water, fltrd, µg/L (46342) | alpha-Endo-sulfan, water, fltrd, µg/L (34362) | Atra-zine, water, fltrd, µg/L (39632) | Azin-phos-methyl oxon, water, fltrd, µg/L (61635) | Azin-phos-methyl, water, fltrd 0.7u GF µg/L (82686) | Ben-flur-alin, water, fltrd 0.7u GF µg/L (82673) | Car-baryl, water, fltrd 0.7u GF µg/L (82680) | Carbo-furan, water, fltrd 0.7u GF µg/L (82674) | Chlor-pyrifos oxon, water, fltrd, µg/L (61636) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.006mc | <.008 | <.005mc | <.006 | <.006 | <.006 | <.007 | <.04mc | <.120mc | <.010 | <.060mc | <.020mc | <.06mc |

**410413072220501 Local number S106166. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 3 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Chlorpyrifos water, fltrd, µg/L (38933) | cis-Permethrin water fltrd 0.7u GF µg/L (82687) | cis-Propiconazole, water, fltrd, µg/L (79846) | Cyanazine, water, fltrd, µg/L (04041) | Cyfluthrin, water, fltrd, µg/L (61585) | lambda-Cyhalothrin, water, fltrd, µg/L (61595) | Cypermethrin water, fltrd, µg/L (61586) | DCPA, water, fltrd 0.7u GF µg/L (82682) | Desulfinylfipronil, water, fltrd, µg/L (62170) | Dicrotophos, water, fltrd, µg/L (38454) | Dieldrin, water, fltrd, µg/L (39381) | Dimethoate, water, fltrd 0.7u GF µg/L (82662) | Disulfoton sulfone water, fltrd, µg/L (61640) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.005 | <.010 | <.006mc | <.020 | <.016mc | <.004mc | <.014mc | <.003 | <.012 | <.08mc | <.009 | <.006mc | <.01 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 4 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Disulfoton, water, fltrd 0.7u GF µg/L (82677) | Endosulfan sulfate water, fltrd, µg/L (61590) | EPTC, water, fltrd 0.7u GF µg/L (82668) | Ethion monoxon water, fltrd, µg/L (61644) | Ethion, water, fltrd, µg/L (82346) | Ethoprop, water, fltrd 0.7u GF µg/L (82672) | Fenamiphos sulfone water, fltrd, µg/L (61645) | Fenamiphos sulfoxide, water, fltrd, µg/L (61646) | Fenamiphos, water, fltrd, µg/L (61591) | Desulfinylfipronil amide, wat flt µg/L (62169) | Fipronil sulfide water, fltrd, µg/L (62167) | Fipronil sulfone water, fltrd, µg/L (62168) | Fipronil, water, fltrd, µg/L (62166) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.04mc | <.022 | <.002 | <.02mc | <.006 | <.012 | <.053 | <.20mc | <.03 | <.029 | <.013 | <.024 | <.020mc |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 5 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Fonofos water, fltrd, µg/L (04095) | Hexazinone, water, fltrd, µg/L (04025) | Iprodione, water, fltrd, µg/L (61593) | Isofenphos, water, fltrd, µg/L (61594) | Malaoxon, water, fltrd, µg/L (61652) | Malathion, water, fltrd, µg/L (39532) | Metalaxyl, water, fltrd, µg/L (61596) | Methidathion, water, fltrd, µg/L (61598) | Methyl paraoxon, water, fltrd, µg/L (61664) | Methyl parathion, water, fltrd 0.7u GF µg/L (82667) | Metolachlor, water, fltrd, µg/L (39415) | Metribuzin, water, fltrd, µg/L (82630) | Molinate, water, fltrd 0.7u GF µg/L (82671) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Jun 30... | <.010 | <.008 | <.01mc | <.006 | <.020 | <.016 | <.007 | <.004 | <.01mc | <.008 | <.010 | <.012 | <.003 |

**410413072220501 Local number S106166. 1—Continued**

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 6 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Myclobutanil water, fltrd, µg/L (61599) | Oxyfluorfen, water, fltrd, µg/L (61600) | Pendimethalin, water, fltrd 0.7u GF µg/L (82683) | Phorate oxon, water, fltrd, µg/L (61666) | Phorate water, fltrd 0.7u GF µg/L (82664) | Phosmet oxon, water, fltrd, µg/L (61668) | Phosmet water, fltrd, µg/L (61601) | Prometon, water, fltrd, µg/L (04037) | Prometryn, water, fltrd, µg/L (04036) | Propyzamide, water, fltrd 0.7u GF µg/L (82676) | Propanil, water, fltrd 0.7u GF µg/L (82679) | Propargite, water, fltrd 0.7u GF µg/L (82685) | Simazine, water, fltrd, µg/L (04035) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Jun 30...** | <.010 | <.006 | <.012 | <.03mc | <.040 | <.05mc | <.008mc | <.01 | <.006 | <.004 | <.006 | <.04 | <.006 |

**WATER-QUALITY DATA**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
Part 7 of 7
[Remark codes: <, less than. Value qualifier codes: c, see result laboratory comment; m, value is highly variable by this method.]

| Date | Tebuthiuron water, fltrd 0.7u GF µg/L (82670) | Tefluthrin, water, fltrd, µg/L (61606) | Terbufos oxon sulfone water, fltrd, µg/L (61674) | Terbufos, water, fltrd 0.7u GF µg/L (82675) | Terbuthylazine, water, fltrd, µg/L (04022) | Thiobencarb water, fltrd 0.7u GF µg/L (82681) | trans-Propiconazole, water, fltrd, µg/L (79847) | Tribuphos, water, fltrd, µg/L (61610) | Trifluralin, water, fltrd 0.7u GF µg/L (82661) | Dichlorvos, water, fltrd, µg/L (38775) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Jun 30...** | <.02 | <.003mc | <.04 | <.02 | <.01 | <.010 | <.02mc | <.035mc | <.009 | <.01mc |

Water-Data Report 2008

# 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.

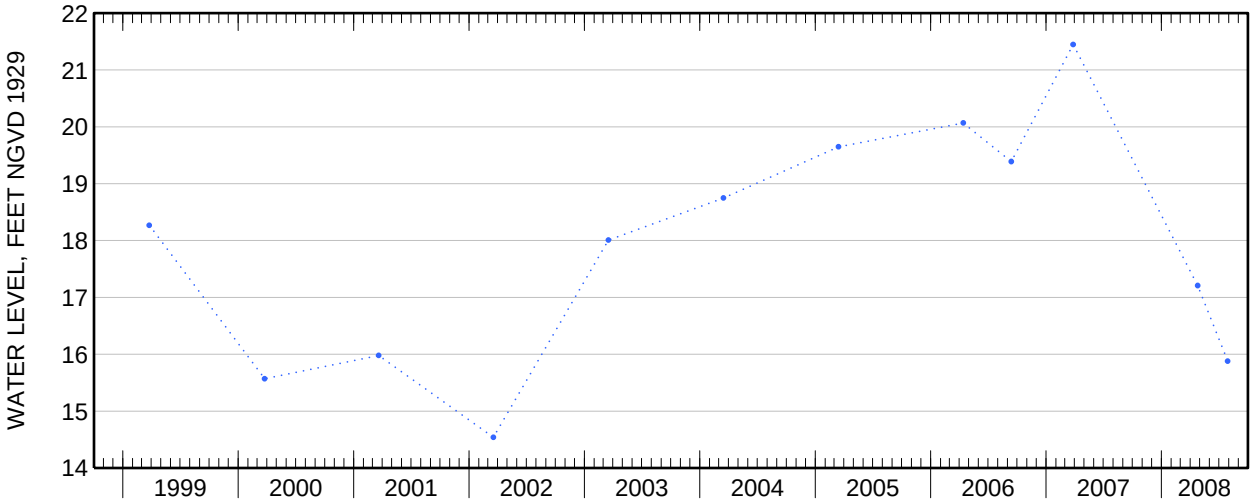
PERIOD OF RECORD.--September 1994 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 24 | 17.21 | Jul 28 | 15.88 |



Water-Data Report 2008

# 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.

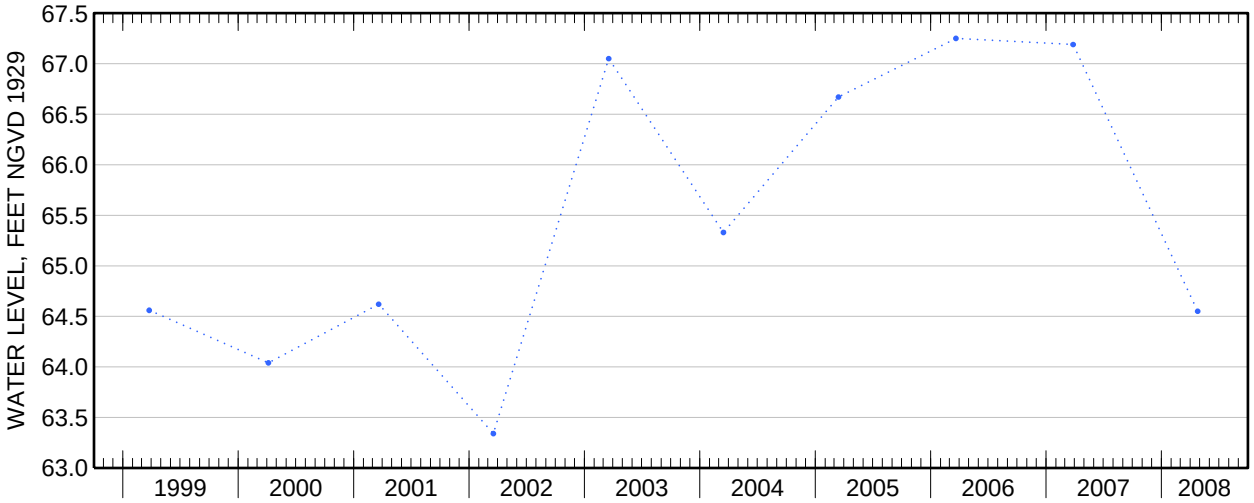
PERIOD OF RECORD.--September 1994 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 24 | 64.55 |



Water-Data Report 2008

# 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.

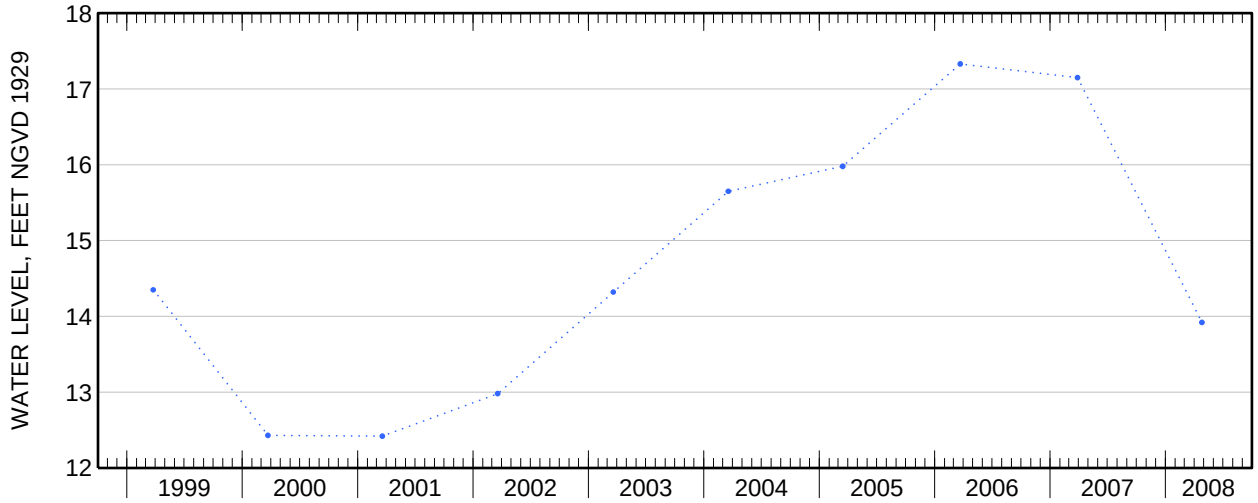
PERIOD OF RECORD.--September 1994 to current year.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 25 | 13.92 |



Water-Data Report 2008

# 405249073010701 Local number S120291. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°52′49″, long 73°01′07″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Port Jefferson - Patchogue Road (State Route 112), south of intersection with Hawkins Path, behind Suffolk County Water Authority building complex, Coram.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 85 ft. Upper casing diameter 2 in; top of first opening 60 ft, bottom of last opening 65 ft.

DATUM.--Land-surface datum is 100 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.39 ft below land-surface datum.

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

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

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 65.62 ft above sea level, May 20, 2007; lowest recorded, 61.08 ft above sea level, September 24, 25, and 26, 2008.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 63.30 ft above sea level, May 8, 11, and 12; lowest recorded, 61.08 ft above sea level, September 24, 25, and 26.

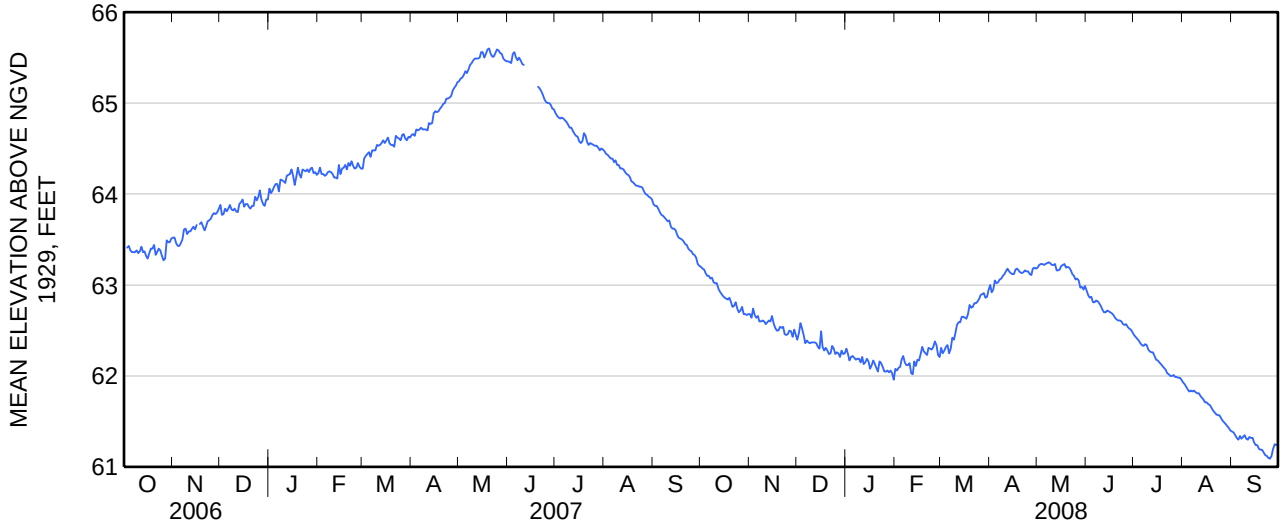
**405249073010701 Local number S120291. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 63.20 | 62.68 | 62.40 | 62.30 | 62.08 | 62.31 | 63.00 | 63.19 | 62.94 | 62.45 | 61.93 | 61.39 |
| 2 | 63.18 | 62.64 | 62.47 | 62.24 | 62.06 | 62.25 | 62.92 | 63.22 | 62.89 | 62.43 | 61.91 | 61.38 |
| 3 | 63.17 | 62.74 | 62.58 | 62.17 | 62.09 | 62.28 | 62.95 | 63.23 | 62.86 | 62.41 | 61.88 | 61.35 |
| 4 | 63.13 | 62.67 | 62.52 | 62.21 | 62.10 | 62.32 | 63.05 | 63.23 | 62.87 | 62.39 | 61.85 | 61.32 |
| 5 | 63.10 | 62.64 | 62.45 | 62.22 | 62.18 | 62.34 | 63.02 | 63.22 | 62.81 | 62.36 | 61.83 | 61.30 |
| 6 | 63.10 | 62.66 | 62.36 | 62.20 | 62.22 | 62.25 | 63.03 | 63.23 | 62.81 | 62.34 | 61.84 | 61.34 |
| 7 | 63.07 | 62.60 | 62.39 | 62.18 | 62.15 | 62.30 | 63.06 | 63.24 | 62.83 | 62.33 | 61.83 | 61.31 |
| 8 | 63.08 | 62.60 | 62.37 | 62.19 | 62.12 | 62.42 | 63.07 | 63.25 | 62.82 | 62.35 | 61.84 | 61.33 |
| 9 | 63.03 | 62.61 | 62.36 | 62.19 | 62.12 | 62.40 | 63.10 | 63.24 | 62.80 | 62.34 | 61.82 | 61.35 |
| 10 | 63.02 | 62.60 | 62.37 | 62.15 | 62.14 | 62.47 | 63.12 | 63.22 | 62.77 | 62.29 | 61.81 | 61.31 |
| 11 | 63.02 | 62.57 | 62.37 | 62.21 | 62.03 | 62.56 | 63.15 | 63.22 | 62.73 | 62.27 | 61.81 | 61.30 |
| 12 | 62.96 | 62.59 | 62.37 | 62.13 | 62.02 | 62.59 | 63.18 | 63.23 | 62.70 | 62.26 | 61.78 | 61.33 |
| 13 | 62.93 | 62.61 | 62.36 | 62.15 | 62.16 | 62.59 | 63.15 | 63.16 | 62.70 | 62.26 | 61.76 | 61.32 |
| 14 | 62.90 | 62.60 | 62.32 | 62.19 | 62.11 | 62.65 | 63.13 | 63.16 | 62.72 | 62.22 | 61.74 | 61.32 |
| 15 | 62.88 | 62.66 | 62.30 | 62.16 | 62.18 | 62.65 | 63.12 | 63.17 | 62.71 | 62.18 | 61.71 | 61.27 |
| 16 | 62.86 | 62.58 | 62.49 | 62.08 | 62.17 | 62.64 | 63.12 | 63.21 | 62.70 | 62.17 | 61.71 | 61.24 |
| 17 | 62.85 | 62.53 | 62.32 | 62.12 | 62.24 | 62.63 | 63.17 | 63.22 | 62.69 | 62.15 | 61.69 | 61.24 |
| 18 | 62.84 | 62.50 | 62.28 | 62.17 | 62.32 | 62.68 | 63.18 | 63.23 | 62.67 | 62.13 | 61.68 | 61.20 |
| 19 | 62.86 | 62.50 | 62.31 | 62.13 | 62.27 | 62.78 | 63.16 | 63.19 | 62.64 | 62.11 | 61.65 | 61.19 |
| 20 | 62.81 | 62.54 | 62.28 | 62.09 | 62.25 | 62.75 | 63.14 | 63.20 | 62.62 | 62.09 | 61.62 | 61.19 |
| 21 | 62.76 | 62.53 | 62.24 | 62.05 | 62.23 | 62.76 | 63.13 | 63.19 | 62.61 | 62.07 | 61.60 | 61.16 |
| 22 | 62.77 | 62.54 | 62.25 | 62.16 | 62.31 | 62.80 | 63.14 | 63.16 | 62.61 | 62.03 | 61.58 | 61.13 |
| 23 | 62.81 | 62.46 | 62.33 | 62.14 | 62.30 | 62.80 | 63.16 | 63.12 | 62.60 | 62.02 | 61.57 | 61.12 |
| 24 | 62.74 | 62.45 | 62.30 | 62.10 | 62.29 | 62.82 | 63.15 | 63.10 | 62.57 | 62.00 | 61.57 | 61.10 |
| 25 | 62.70 | 62.46 | 62.24 | 62.05 | 62.32 | 62.85 | 63.15 | 63.06 | 62.56 | 62.00 | 61.54 | 61.09 |
| 26 | 62.72 | 62.50 | 62.26 | 62.05 | 62.38 | 62.89 | 63.12 | 63.07 | 62.57 | 62.01 | 61.51 | 61.12 |
| 27 | 62.76 | 62.49 | 62.25 | 62.06 | 62.34 | 62.90 | 63.11 | 63.05 | 62.54 | 61.99 | 61.49 | 61.20 |
| 28 | 62.68 | 62.43 | 62.21 | 62.04 | 62.23 | 62.91 | 63.18 | 62.97 | 62.52 | 61.99 | 61.47 | 61.25 |
| 29 | 62.68 | 62.51 | 62.28 | 62.06 | 62.21 | 62.86 | 63.19 | 62.98 | 62.51 | 61.98 | 61.45 | 61.24 |
| 30 | 62.67 | 62.45 | 62.24 | 62.03 | --- | 62.87 | 63.18 | 62.95 | 62.48 | 61.98 | 61.43 | 61.25 |
| 31 | 62.68 | --- | 62.25 | 61.96 | --- | 62.95 | --- | 62.99 | --- | 61.96 | 61.40 | --- |
| Mean | 62.90 | 62.56 | 62.34 | 62.13 | 62.19 | 62.62 | 63.11 | 63.16 | 62.70 | 62.18 | 61.69 | 61.25 |
| Max | 63.20 | 62.74 | 62.58 | 62.30 | 62.38 | 62.95 | 63.19 | 63.25 | 62.94 | 62.45 | 61.93 | 61.39 |
| Min | 62.67 | 62.43 | 62.21 | 61.96 | 62.02 | 62.25 | 62.92 | 62.95 | 62.48 | 61.96 | 61.40 | 61.09 |
| Med | 62.86 | 62.57 | 62.32 | 62.15 | 62.18 | 62.65 | 63.13 | 63.19 | 62.70 | 62.17 | 61.71 | 61.26 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 64.04 | 62.40 |
| Max | 65.60 | 63.25 |
| Min | 62.21 | 61.09 |
| Med | 64.27 | 62.41 |

**405249073010701 Local number S120291. 1—Continued**



Water-Data Report 2008

# 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, 63.31 ft above sea level, March 29, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| Apr 22 | 63.59 |

Water-Data Report 2008

# 404505073131501 Local number S123414. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°45′05″, long 73°13′15″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at east end of 41st Street, just east of Broadway, in pumping center, Islip.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 30 ft. Upper casing diameter 2 in; top of first opening 15 ft, bottom of last opening 25 ft.

DATUM.--Land-surface datum is 37.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.59 ft below land-surface datum.

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

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

REMARKS.--Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.57 ft above sea level, October 17, 2005; lowest recorded, 22.37 ft above sea level, September 25, October 4 and 8, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 25.96 ft above sea level, March 11 and 12; lowest recorded, 23.10 ft above sea level, September 4 and 5.

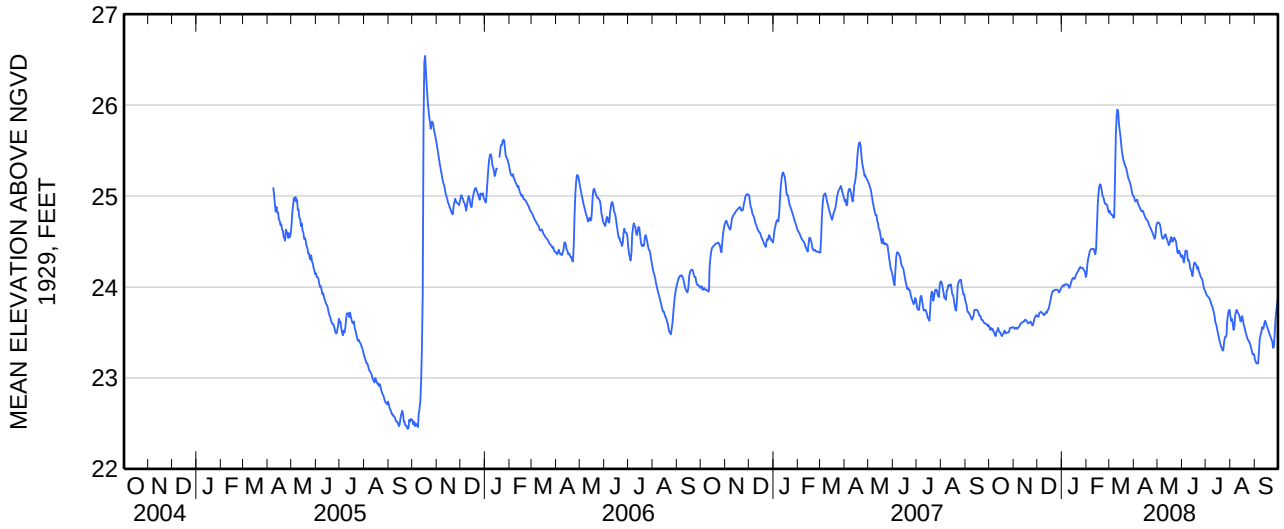
**404505073131501 Local number S123414. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 23.56 | 23.55 | 23.68 | 24.00 | 24.14 | 24.84 | 24.99 | 24.71 | 24.35 | 23.93 | 23.68 | 23.21 |
| 2 | 23.53 | 23.54 | 23.67 | 24.02 | 24.25 | 24.81 | 24.95 | 24.71 | 24.31 | 23.91 | 23.63 | 23.18 |
| 3 | 23.55 | 23.55 | 23.71 | 24.01 | 24.31 | 24.80 | 24.94 | 24.70 | 24.27 | 23.90 | 23.65 | 23.16 |
| 4 | 23.53 | 23.55 | 23.72 | 24.02 | 24.35 | 24.79 | 24.95 | 24.68 | 24.33 | 23.89 | 23.59 | 23.16 |
| 5 | 23.54 | 23.54 | 23.73 | 24.03 | 24.39 | 24.79 | 24.96 | 24.62 | 24.40 | 23.88 | 23.53 | 23.16 |
| 6 | 23.51 | 23.55 | 23.72 | 24.03 | 24.41 | 24.76 | 24.92 | 24.56 | 24.40 | 23.86 | 23.57 | 23.28 |
| 7 | 23.50 | 23.56 | 23.71 | 24.03 | 24.42 | 24.77 | 24.90 | 24.53 | 24.39 | 23.84 | 23.69 | 23.42 |
| 8 | 23.47 | 23.57 | 23.71 | 24.02 | 24.42 | 25.22 | 24.88 | 24.54 | 24.29 | 23.80 | 23.73 | 23.47 |
| 9 | 23.46 | 23.59 | 23.69 | 24.02 | 24.42 | 25.67 | 24.86 | 24.54 | 24.30 | 23.79 | 23.75 | 23.50 |
| 10 | 23.51 | 23.60 | 23.70 | 23.99 | 24.42 | 25.88 | 24.84 | 24.57 | 24.27 | 23.75 | 23.72 | 23.56 |
| 11 | 23.52 | 23.61 | 23.71 | 24.01 | 24.38 | 25.95 | 24.83 | 24.58 | 24.21 | 23.72 | 23.71 | 23.54 |
| 12 | 23.55 | 23.61 | 23.73 | 24.04 | 24.36 | 25.92 | 24.84 | 24.54 | 24.19 | 23.67 | 23.69 | 23.55 |
| 13 | 23.52 | 23.62 | 23.72 | 24.07 | 24.43 | 25.78 | 24.82 | 24.52 | 24.16 | 23.61 | 23.65 | 23.61 |
| 14 | 23.50 | 23.62 | 23.75 | 24.09 | 24.67 | 25.70 | 24.79 | 24.49 | 24.12 | 23.59 | 23.62 | 23.63 |
| 15 | 23.50 | 23.64 | 23.76 | 24.10 | 24.91 | 25.63 | 24.77 | 24.46 | 24.20 | 23.55 | 23.66 | 23.60 |
| 16 | 23.47 | 23.64 | 23.80 | 24.09 | 25.04 | 25.55 | 24.75 | 24.48 | 24.26 | 23.50 | 23.68 | 23.57 |
| 17 | 23.46 | 23.63 | 23.84 | 24.09 | 25.10 | 25.47 | 24.74 | 24.52 | 24.27 | 23.46 | 23.63 | 23.55 |
| 18 | 23.48 | 23.61 | 23.89 | 24.12 | 25.13 | 25.41 | 24.73 | 24.55 | 24.25 | 23.42 | 23.58 | 23.53 |
| 19 | 23.49 | 23.60 | 23.93 | 24.14 | 25.12 | 25.37 | 24.71 | 24.50 | 24.24 | 23.38 | 23.55 | 23.49 |
| 20 | 23.52 | 23.61 | 23.95 | 24.16 | 25.07 | 25.36 | 24.68 | 24.50 | 24.20 | 23.35 | 23.51 | 23.48 |
| 21 | 23.50 | 23.61 | 23.96 | 24.17 | 25.01 | 25.33 | 24.66 | 24.54 | 24.22 | 23.33 | 23.48 | 23.44 |
| 22 | 23.49 | 23.62 | 23.96 | 24.19 | 24.99 | 25.31 | 24.65 | 24.54 | 24.17 | 23.30 | 23.45 | 23.42 |
| 23 | 23.50 | 23.60 | 23.97 | 24.21 | 24.96 | 25.27 | 24.62 | 24.52 | 24.15 | 23.31 | 23.42 | 23.40 |
| 24 | 23.50 | 23.58 | 23.97 | 24.22 | 24.92 | 25.23 | 24.61 | 24.50 | 24.12 | 23.40 | 23.41 | 23.33 |
| 25 | 23.50 | 23.58 | 23.97 | 24.21 | 24.91 | 25.19 | 24.58 | 24.45 | 24.10 | 23.45 | 23.39 | 23.35 |
| 26 | 23.51 | 23.61 | 23.97 | 24.21 | 24.91 | 25.17 | 24.56 | 24.38 | 24.09 | 23.45 | 23.37 | 23.49 |
| 27 | 23.55 | 23.65 | 23.96 | 24.21 | 24.90 | 25.14 | 24.53 | 24.37 | 24.06 | 23.48 | 23.33 | 23.65 |
| 28 | 23.55 | 23.67 | 23.94 | 24.19 | 24.85 | 25.11 | 24.56 | 24.40 | 24.01 | 23.63 | 23.30 | 23.74 |
| 29 | 23.55 | 23.69 | 23.95 | 24.18 | 24.82 | 25.06 | 24.66 | 24.38 | 23.97 | 23.71 | 23.26 | 23.81 |
| 30 | 23.56 | 23.69 | 23.97 | 24.16 | --- | 25.02 | 24.70 | 24.34 | 23.96 | 23.74 | 23.26 | 23.88 |
| 31 | 23.56 | --- | 23.99 | 24.11 | --- | 25.00 | --- | 24.33 | --- | 23.75 | 23.26 | --- |
| Mean | 23.51 | 23.60 | 23.83 | 24.10 | 24.69 | 25.27 | 24.77 | 24.52 | 24.21 | 23.62 | 23.54 | 23.47 |
| Max | 23.56 | 23.69 | 23.99 | 24.22 | 25.13 | 25.95 | 24.99 | 24.71 | 24.40 | 23.93 | 23.75 | 23.88 |
| Min | 23.46 | 23.54 | 23.67 | 23.99 | 24.14 | 24.76 | 24.53 | 24.33 | 23.96 | 23.30 | 23.26 | 23.16 |
| Med | 23.51 | 23.61 | 23.80 | 24.09 | 24.82 | 25.23 | 24.76 | 24.52 | 24.22 | 23.63 | 23.58 | 23.49 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 24.21 | 24.09 |
| Max | 25.59 | 25.95 |
| Min | 23.46 | 23.16 |
| Med | 24.01 | 23.97 |

**404505073131501 Local number S123414. 1—Continued**



Water-Data Report 2008

# 404353072521701 Local number S125364. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°43'53.1", long 72°52'17.1" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, 150 ft southeast of Fire Island Beach Road and 1,650 ft southwest of Suffolk Boulevard, Smith Point.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 9. ft. Upper casing diameter 2 in; top of first opening 7 ft, bottom of last opening 9 ft.

DATUM.--Land-surface datum is 5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling at north side of well, 0.28 ft below land-surface datum.

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

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

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.32 ft above sea level, October 26, 2005; lowest recorded, 0.43 ft above sea level, February 9, 10, and 11, 2007.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 3.83 ft above sea level, March 20; lowest recorded, 0.98 ft above sea level, January 6.

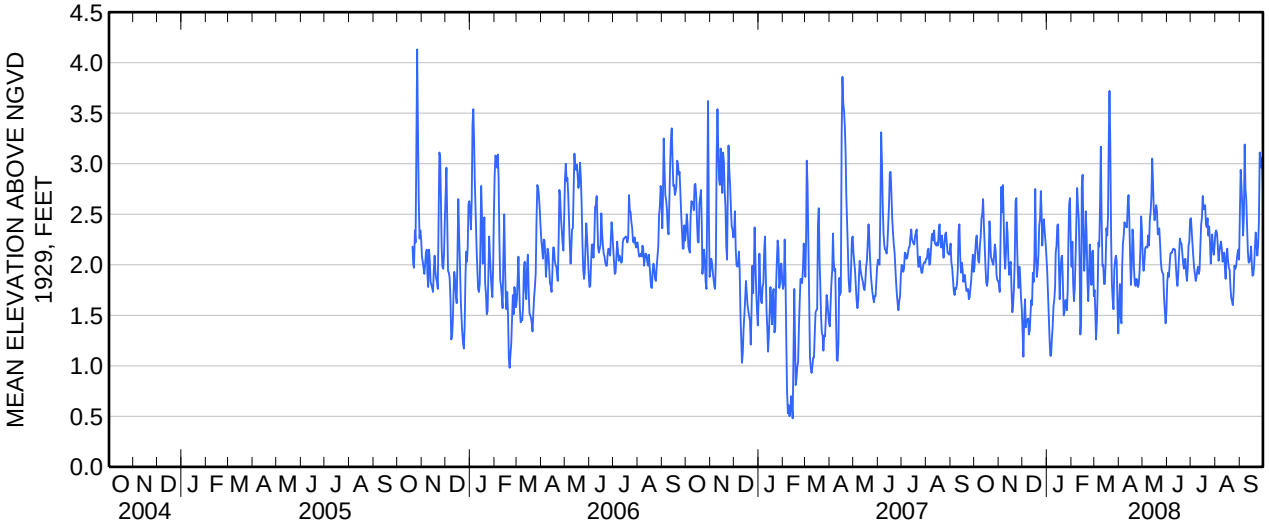
**404353072521701 Local number S125364. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1.97 | 1.81 | 1.33 | 1.94 | 1.98 | 1.75 | 1.61 | 2.06 | 1.83 | 2.46 | 2.32 | 2.51 |
| 2 | 2.13 | 1.73 | 1.09 | 1.83 | 2.23 | 1.56 | 1.81 | 1.94 | 1.92 | 2.33 | 2.34 | 2.94 |
| 3 | 2.25 | 2.24 | 1.48 | 1.47 | 1.81 | 1.26 | 1.49 | 2.02 | 1.88 | 2.20 | 2.31 | 2.78 |
| 4 | 2.29 | 2.77 | 1.66 | 1.29 | 1.64 | 1.44 | 1.42 | 2.16 | 2.00 | 2.08 | 2.19 | 2.58 |
| 5 | 2.15 | 2.52 | 1.38 | 1.10 | 1.77 | 1.74 | 1.97 | 2.18 | 2.11 | 1.97 | 2.04 | 2.29 |
| 6 | 2.04 | 2.79 | 1.45 | 1.10 | 2.07 | 2.22 | 2.21 | 2.17 | 2.12 | 1.91 | 2.12 | 2.48 |
| 7 | 2.02 | 2.52 | 1.45 | 1.27 | 2.42 | 2.18 | 2.29 | 2.17 | 2.12 | 1.84 | 2.19 | 3.19 |
| 8 | 2.18 | 2.11 | 1.47 | 1.39 | 2.76 | 2.59 | 2.42 | 2.29 | 2.15 | 1.88 | 2.23 | 2.75 |
| 9 | 2.28 | 1.96 | 1.31 | 1.59 | 2.58 | 3.17 | 2.38 | 2.19 | 2.16 | 1.95 | 2.16 | 2.64 |
| 10 | 2.46 | 2.12 | 1.35 | 1.65 | 2.46 | 2.44 | 2.38 | 2.44 | 2.15 | 1.98 | 2.03 | 2.38 |
| 11 | 2.50 | 2.42 | 1.50 | 1.78 | 2.07 | 1.99 | 2.37 | 2.52 | 2.15 | 1.91 | 2.06 | 2.13 |
| 12 | 2.65 | 2.32 | 1.65 | 2.12 | 1.31 | 2.00 | 2.59 | 2.67 | 1.99 | 1.95 | 2.12 | 2.02 |
| 13 | 2.40 | 2.06 | 1.60 | 2.19 | 1.46 | 1.81 | 2.69 | 3.05 | 1.86 | 2.18 | 1.95 | 2.03 |
| 14 | 2.19 | 1.90 | 1.92 | 2.39 | 2.77 | 1.81 | 2.45 | 2.82 | 1.79 | 2.40 | 1.86 | 2.07 |
| 15 | 1.98 | 2.00 | 1.83 | 2.40 | 2.89 | 2.02 | 2.08 | 2.54 | 1.92 | 2.47 | 2.08 | 2.18 |
| 16 | 1.82 | 2.03 | 2.09 | 1.99 | 2.32 | 2.36 | 1.80 | 2.44 | 2.10 | 2.68 | 2.16 | 1.99 |
| 17 | 1.79 | 1.74 | 2.75 | 1.66 | 1.94 | 2.29 | 1.99 | 2.53 | 2.26 | 2.55 | 2.04 | 1.89 |
| 18 | 1.86 | 1.53 | 2.09 | 1.94 | 2.13 | 2.48 | 2.35 | 2.59 | 2.22 | 2.55 | 1.97 | 1.90 |
| 19 | 2.09 | 1.61 | 1.88 | 2.07 | 2.53 | 3.17 | 2.24 | 2.53 | 2.21 | 2.59 | 1.95 | 1.99 |
| 20 | 2.43 | 1.77 | 1.96 | 2.09 | 2.30 | 3.72 | 1.97 | 2.30 | 2.12 | 2.40 | 1.78 | 2.17 |
| 21 | 2.31 | 2.05 | 2.10 | 1.80 | 1.87 | 3.21 | 1.82 | 2.32 | 2.02 | 2.37 | 1.67 | 2.32 |
| 22 | 2.08 | 2.63 | 2.39 | 1.50 | 1.64 | 2.29 | 1.79 | 2.36 | 1.96 | 2.46 | 1.64 | 2.21 |
| 23 | 2.05 | 2.66 | 2.45 | 1.53 | 1.90 | 1.82 | 1.86 | 2.19 | 2.05 | 2.29 | 1.60 | 2.09 |
| 24 | 2.02 | 2.23 | 2.73 | 1.65 | 2.20 | 1.65 | 1.85 | 2.03 | 2.06 | 2.38 | 1.73 | 2.19 |
| 25 | 2.00 | 1.93 | 2.50 | 1.65 | 1.98 | 1.56 | 1.78 | 1.95 | 1.92 | 2.23 | 1.99 | 2.43 |
| 26 | 2.10 | 1.77 | 2.19 | 1.55 | 1.80 | 1.95 | 1.81 | 1.92 | 1.84 | 2.01 | 1.96 | 3.11 |
| 27 | 2.20 | 1.98 | 2.38 | 1.75 | 2.13 | 2.04 | 1.93 | 1.91 | 1.96 | 2.15 | 1.98 | 3.03 |
| 28 | 2.13 | 1.87 | 2.45 | 2.30 | 2.14 | 2.09 | 2.15 | 1.68 | 2.19 | 2.30 | 2.06 | 2.96 |
| 29 | 1.90 | 1.68 | 2.33 | 2.60 | 1.69 | 2.04 | 2.48 | 1.54 | 2.23 | 2.18 | 2.12 | 3.06 |
| 30 | 1.85 | 1.56 | 2.20 | 2.66 | --- | 1.59 | 2.34 | 1.42 | 2.45 | 2.10 | 2.15 | 2.76 |
| 31 | 1.84 | --- | 2.12 | 2.23 | --- | 1.32 | --- | 1.54 | --- | 2.19 | 2.05 | --- |
| Mean | 2.13 | 2.08 | 1.91 | 1.82 | 2.10 | 2.11 | 2.08 | 2.21 | 2.06 | 2.22 | 2.03 | 2.44 |
| Max | 2.65 | 2.79 | 2.75 | 2.66 | 2.89 | 3.72 | 2.69 | 3.05 | 2.45 | 2.68 | 2.34 | 3.19 |
| Min | 1.79 | 1.53 | 1.09 | 1.10 | 1.31 | 1.26 | 1.42 | 1.42 | 1.79 | 1.84 | 1.60 | 1.89 |
| Med | 2.10 | 2.01 | 1.92 | 1.78 | 2.07 | 2.02 | 2.04 | 2.19 | 2.08 | 2.20 | 2.05 | 2.35 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 1.94 | 2.10 |
| Max | 3.86 | 3.72 |
| Min | 0.48 | 1.09 |
| Med | 1.98 | 2.09 |

**404353072521701 Local number S125364. 1—Continued**



Water-Data Report 2008

# 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.

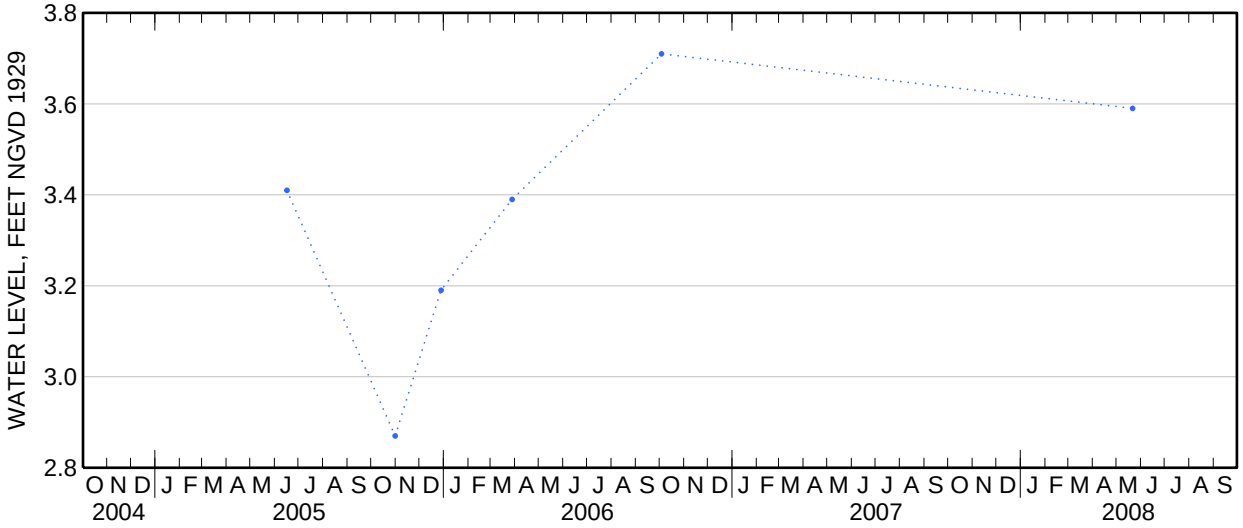
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 21 | 3.59 |



Water-Data Report 2008

# 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.

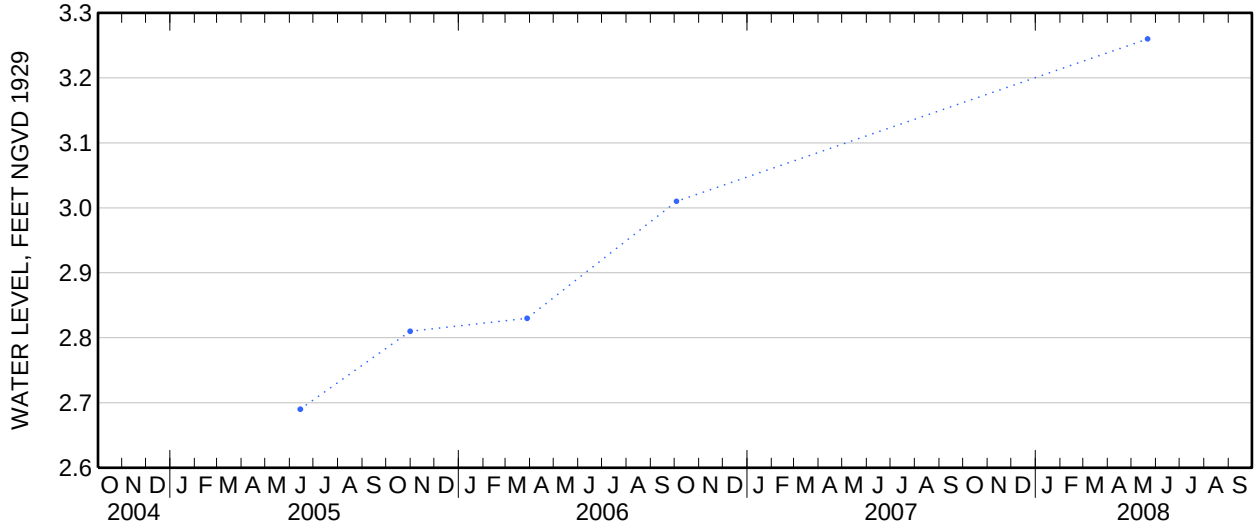
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 21 | 3.26 |



Water-Data Report 2008

# 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.

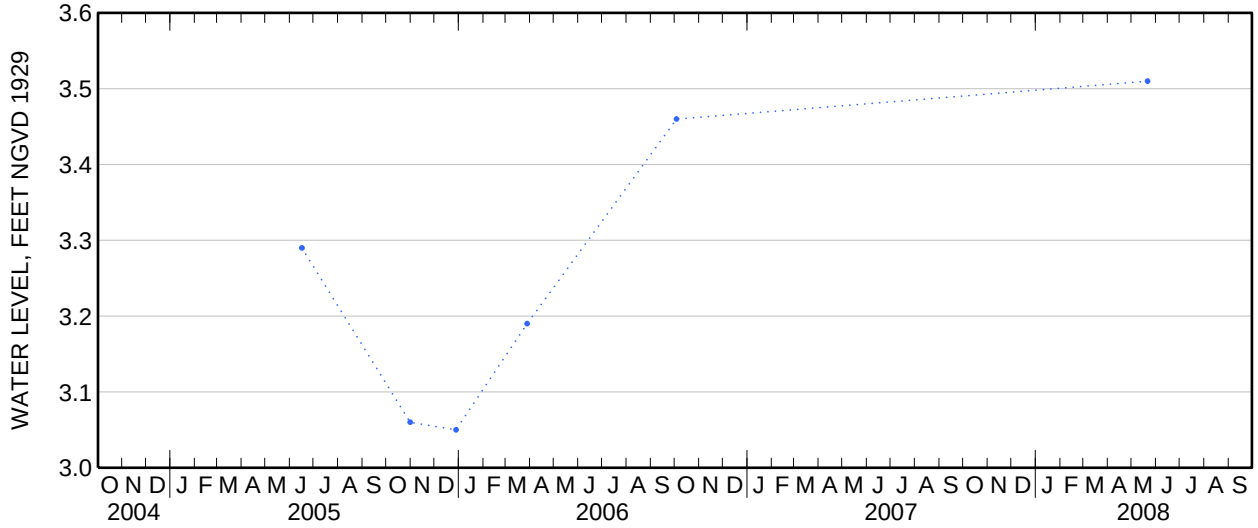
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 21 | 3.51 |



Water-Data Report 2008

# 404124072592401 Local number S125384. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°41'23.8", long 72°59'23.9" referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at Fire Island National Seashore, at southwest corner of Fire Island Boulevard (Burma Road) and Ocean Walk, Watch Hill.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 11 ft. Upper casing diameter 2 in; top of first opening 6 ft, bottom of last opening 11 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, 0.29 ft above land-surface datum.

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

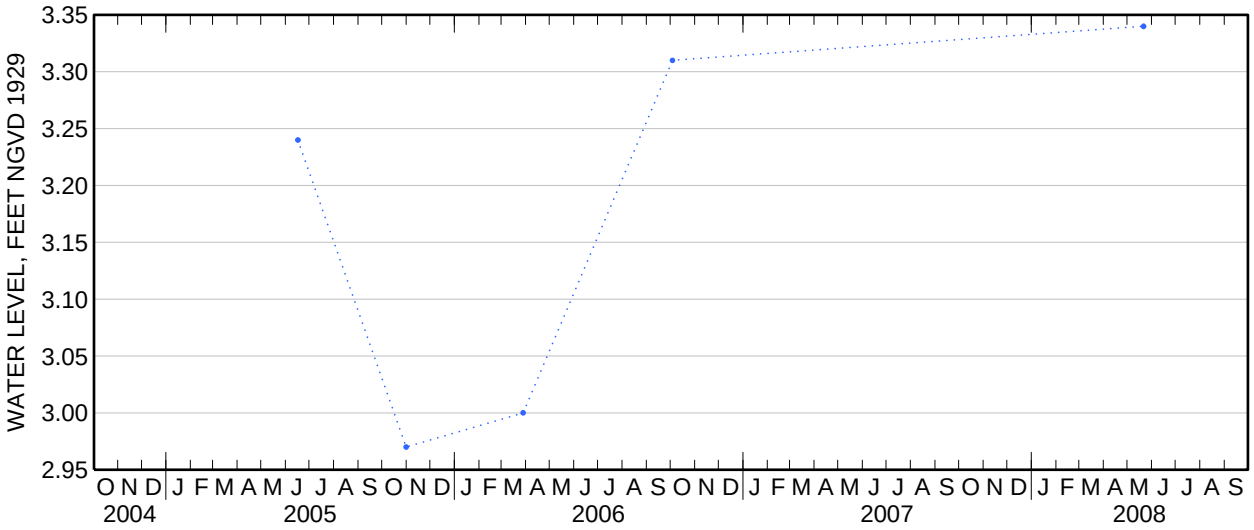
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.34 ft above sea level, May 21, 2008; lowest measured, 2.97 ft above sea level, October 31, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 21 | 3.34 |



Water-Data Report 2008

# 403805073121002 Local number S125986. 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 15 ft. Upper casing diameter 2 in; top of first opening 5 ft, bottom of last opening 10 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, 0.36 ft below land-surface datum.

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

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

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.66 ft above sea level, September 15, 2006; lowest recorded, 1.93 ft above sea level, February 14, 2007.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 4.56 ft above sea level, March 20; lowest recorded, 2.66 ft above sea level, January 8.

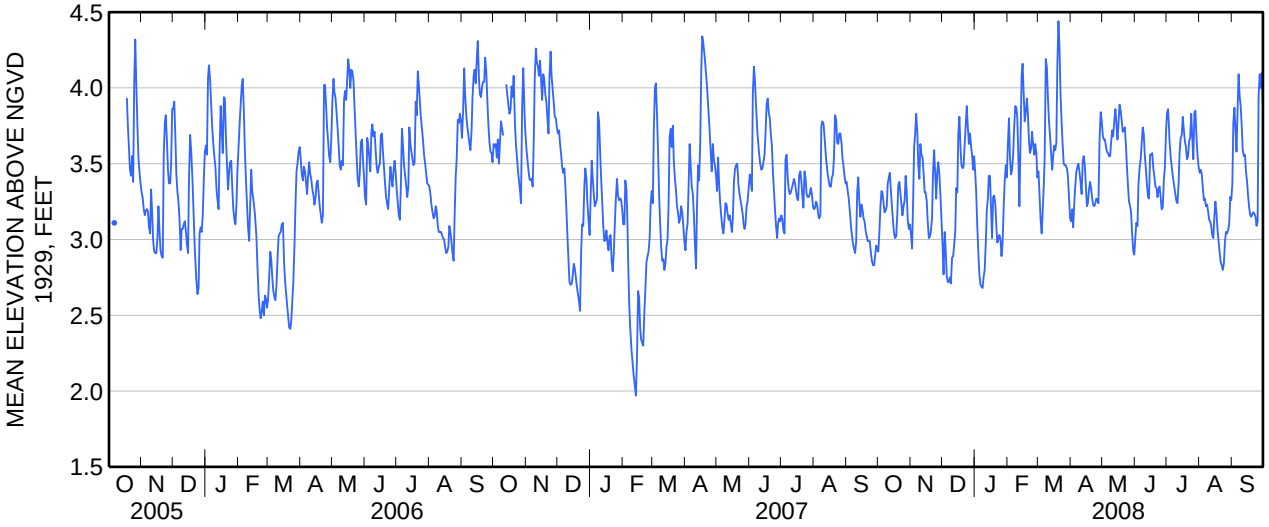
**403805073121002 Local number S125986. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2.92 | 3.04 | 2.95 | 3.44 | 3.63 | 3.45 | 3.12 | 3.69 | 3.02 | 3.83 | 3.44 | 3.37 |
| 2 | 3.05 | 2.94 | 2.77 | 3.31 | 3.80 | 3.29 | 3.20 | 3.66 | 3.11 | 3.86 | 3.46 | 3.77 |
| 3 | 3.21 | 3.21 | 3.05 | 3.08 | 3.54 | 3.14 | 3.08 | 3.66 | 3.09 | 3.72 | 3.43 | 3.87 |
| 4 | 3.32 | 3.61 | 2.94 | 2.90 | 3.43 | 3.04 | 3.24 | 3.62 | 3.36 | 3.59 | 3.35 | 3.73 |
| 5 | 3.31 | 3.69 | 2.76 | 2.77 | 3.46 | 3.17 | 3.35 | 3.58 | 3.47 | 3.50 | 3.26 | 3.58 |
| 6 | 3.24 | 3.83 | 2.72 | 2.70 | 3.56 | 3.35 | 3.45 | 3.57 | 3.53 | 3.46 | 3.27 | 3.87 |
| 7 | 3.18 | 3.71 | 2.72 | 2.69 | 3.73 | 3.54 | 3.48 | 3.55 | 3.63 | 3.39 | 3.22 | 4.09 |
| 8 | 3.19 | 3.49 | 2.75 | 2.68 | 3.88 | 4.19 | 3.50 | 3.55 | 3.74 | 3.34 | 3.23 | 3.94 |
| 9 | 3.22 | 3.40 | 2.71 | 2.75 | 3.87 | 4.13 | 3.44 | 3.64 | 3.70 | 3.30 | 3.19 | 3.88 |
| 10 | 3.37 | 3.63 | 2.88 | 2.80 | 3.80 | 3.94 | 3.38 | 3.72 | 3.55 | 3.25 | 3.13 | 3.74 |
| 11 | 3.41 | 3.56 | 2.89 | 2.98 | 3.52 | 3.78 | 3.30 | 3.68 | 3.46 | 3.24 | 3.12 | 3.59 |
| 12 | 3.44 | 3.54 | 2.96 | 3.19 | 3.22 | 3.69 | 3.52 | 3.78 | 3.36 | 3.37 | 3.09 | 3.55 |
| 13 | 3.32 | 3.44 | 3.05 | 3.27 | 3.65 | 3.57 | 3.55 | 3.86 | 3.28 | 3.57 | 3.03 | 3.56 |
| 14 | 3.21 | 3.31 | 3.34 | 3.42 | 4.08 | 3.46 | 3.49 | 3.77 | 3.27 | 3.67 | 3.01 | 3.45 |
| 15 | 3.12 | 3.31 | 3.31 | 3.42 | 4.16 | 3.55 | 3.36 | 3.66 | 3.56 | 3.69 | 3.16 | 3.38 |
| 16 | 3.04 | 3.25 | 3.69 | 3.20 | 3.96 | 3.62 | 3.22 | 3.76 | 3.56 | 3.81 | 3.25 | 3.29 |
| 17 | 3.01 | 3.12 | 3.81 | 3.01 | 3.78 | 3.59 | 3.24 | 3.89 | 3.57 | 3.72 | 3.17 | 3.21 |
| 18 | 3.02 | 3.01 | 3.60 | 3.28 | 3.84 | 3.64 | 3.33 | 3.85 | 3.47 | 3.65 | 3.07 | 3.16 |
| 19 | 3.17 | 3.02 | 3.49 | 3.29 | 3.93 | 4.14 | 3.38 | 3.79 | 3.42 | 3.61 | 2.99 | 3.15 |
| 20 | 3.36 | 3.06 | 3.47 | 3.24 | 3.83 | 4.44 | 3.34 | 3.71 | 3.35 | 3.53 | 2.91 | 3.17 |
| 21 | 3.38 | 3.14 | 3.48 | 3.09 | 3.65 | 4.25 | 3.27 | 3.72 | 3.34 | 3.55 | 2.85 | 3.18 |
| 22 | 3.31 | 3.44 | 3.63 | 2.98 | 3.57 | 3.96 | 3.23 | 3.74 | 3.28 | 3.65 | 2.83 | 3.17 |
| 23 | 3.23 | 3.59 | 3.76 | 3.00 | 3.60 | 3.77 | 3.22 | 3.62 | 3.33 | 3.67 | 2.80 | 3.15 |
| 24 | 3.16 | 3.43 | 3.88 | 3.03 | 3.71 | 3.63 | 3.24 | 3.48 | 3.35 | 3.83 | 2.84 | 3.09 |
| 25 | 3.22 | 3.27 | 3.74 | 3.00 | 3.63 | 3.50 | 3.27 | 3.35 | 3.28 | 3.68 | 2.99 | 3.12 |
| 26 | 3.26 | 3.45 | 3.63 | 2.89 | 3.56 | 3.49 | 3.26 | 3.25 | 3.20 | 3.53 | 3.05 | 3.95 |
| 27 | 3.42 | 3.51 | 3.70 | 2.98 | 3.63 | 3.49 | 3.24 | 3.22 | 3.21 | 3.84 | 3.04 | 4.09 |
| 28 | 3.31 | 3.43 | 3.61 | 3.22 | 3.57 | 3.47 | 3.66 | 3.18 | 3.40 | 3.85 | 3.06 | 4.00 |
| 29 | 3.13 | 3.28 | 3.56 | 3.38 | 3.41 | 3.42 | 3.84 | 3.03 | 3.47 | 3.67 | 3.10 | 4.10 |
| 30 | 3.07 | 3.13 | 3.46 | 3.49 | --- | 3.28 | 3.79 | 2.92 | 3.70 | 3.56 | 3.28 | 3.88 |
| 31 | 3.10 | --- | 3.55 | 3.41 | --- | 3.14 | --- | 2.90 | --- | 3.48 | 3.26 | --- |
| Mean | 3.22 | 3.36 | 3.29 | 3.09 | 3.69 | 3.62 | 3.37 | 3.56 | 3.40 | 3.59 | 3.13 | 3.57 |
| Max | 3.44 | 3.83 | 3.88 | 3.49 | 4.16 | 4.44 | 3.84 | 3.89 | 3.74 | 3.86 | 3.46 | 4.10 |
| Min | 2.92 | 2.94 | 2.71 | 2.68 | 3.22 | 3.04 | 3.08 | 2.90 | 3.02 | 3.24 | 2.80 | 3.09 |
| Med | 3.22 | 3.42 | 3.46 | 3.08 | 3.65 | 3.55 | 3.34 | 3.66 | 3.38 | 3.61 | 3.12 | 3.57 |

| | Calendar Year 2007 | Water Year 2008 |
|---|---|---|
| Mean | 3.28 | 3.40 |
| Max | 4.34 | 4.44 |
| Min | 1.97 | 2.68 |
| Med | 3.27 | 3.41 |

**403805073121002 Local number S125986. 1—Continued**



Water-Data Report 2008

# 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.

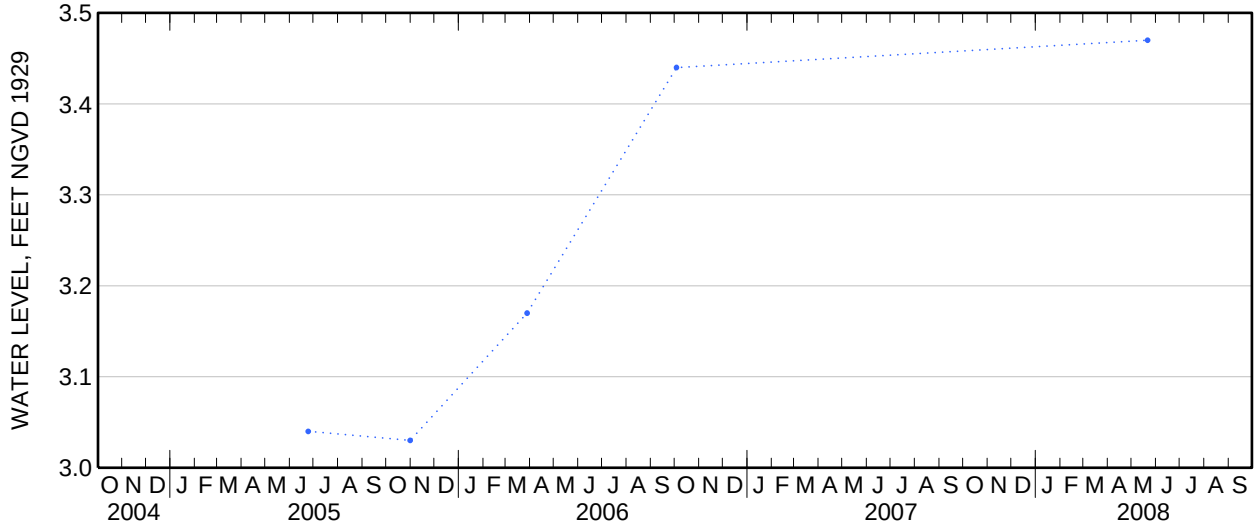
DATUM.--Land-surface datum is 6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at north side of well, 0.53 ft below land-surface datum.

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 2007 TO SEPTEMBER 2008**

| Date | Water level |
|---|---|
| May 21 | 3.47 |