Water-Data Report 2010

# 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 Unpublished records from November 1962 to September 1975 are available in files of the Geological Survey.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, 12.29 ft above sea level, March 30; lowest recorded, 7.68 ft above sea level, December 11.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 4 | 10.32 | Jun 29 | 9.97 |
| Dec 1 | 9.08 | Sep 1 | 9.47 |
| Feb 9 | 9.01 | 30 | 10.05 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 403727073154503, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/403727073154503.2010.pdf

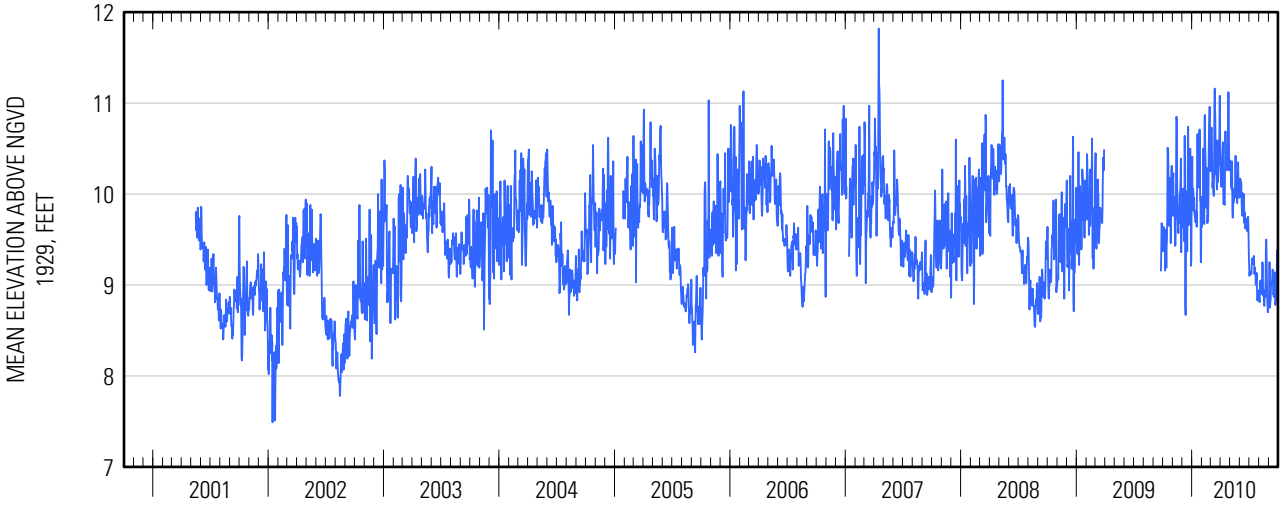
**403727073154503 Local number S 21311. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.37 | 9.76 | 9.75 | 10.26 | 9.64 | 10.25 | 10.36 | 10.34 | 10.03 | 9.21 | 8.88 | 8.82 |
| 2 | 9.44 | 10.14 | 9.69 | 10.41 | 9.65 | 10.40 | 10.23 | 10.37 | 10.00 | 9.10 | 8.85 | 8.86 |
| 3 | 9.64 | 10.23 | 10.06 | 9.82 | 9.96 | 10.67 | 10.14 | 10.34 | 10.17 | 9.14 | 8.81 | 9.25 |
| 4 | 9.60 | 9.81 | 9.63 | 10.06 | 9.71 | 10.73 | 10.08 | 10.24 | 10.06 | 9.13 | 8.90 | 9.25 |
| 5 | 9.46 | 9.97 | 9.97 | 10.06 | 9.74 | 10.59 | 10.10 | 10.08 | 10.11 | 9.14 | 9.04 | 8.75 |
| 6 | 9.44 | 9.85 | 9.81 | 9.97 | 10.50 | 10.31 | 10.27 | 10.23 | 10.13 | 9.14 | 9.05 | 8.81 |
| 7 | 9.60 | 9.86 | 9.67 | 9.82 | 10.34 | 10.07 | 10.38 | 10.05 | 9.93 | 9.14 | 8.95 | 8.84 |
| 8 | 9.16 | 9.58 | 9.48 | 9.96 | 9.76 | 10.13 | 10.48 | 10.36 | 9.81 | 9.12 | 8.90 | 8.98 |
| 9 | 9.61 | 9.43 | 10.64 | 9.78 | 9.67 | 10.07 | 10.57 | 9.79 | 9.76 | 9.20 | 8.92 | 9.01 |
| 10 | 9.56 | 9.46 | 9.98 | 9.76 | 10.85 | 10.02 | 10.04 | 9.74 | 10.01 | 9.29 | 8.98 | 9.03 |
| 11 | 9.39 | 9.80 | 8.78 | 9.74 | 10.87 | 9.98 | 9.89 | 9.77 | 9.87 | 9.27 | 9.07 | 9.01 |
| 12 | 9.19 | 10.41 | 8.67 | 9.69 | 10.52 | 10.22 | 9.94 | 9.98 | 9.83 | 9.23 | 9.25 | 9.08 |
| 13 | 9.42 | 10.85 | 9.50 | 9.70 | 10.39 | 10.97 | 9.93 | 9.91 | 9.99 | 9.28 | 9.19 | 9.17 |
| 14 | 9.51 | 10.80 | 9.82 | 9.81 | 10.13 | 11.16 | 9.88 | 9.98 | 10.00 | 9.29 | 8.94 | 9.16 |
| 15 | 9.83 | 10.20 | 10.03 | 9.79 | 9.85 | 10.99 | 9.96 | 10.06 | 9.85 | 9.31 | 8.88 | 8.90 |
| 16 | 10.51 | 9.83 | 9.62 | 9.64 | 10.29 | 10.82 | 10.47 | 10.01 | 9.68 | 9.32 | 8.94 | 8.91 |
| 17 | 10.46 | 9.73 | 9.37 | 10.11 | 10.10 | 10.39 | 10.69 | 9.96 | 9.80 | 9.21 | 8.80 | 8.87 |
| 18 | 10.47 | 9.68 | 9.71 | 10.65 | 9.98 | 10.22 | 10.50 | 10.28 | 9.70 | 9.12 | 8.77 | 8.94 |
| 19 | 10.07 | 9.57 | 10.38 | 10.66 | 9.68 | 10.24 | 10.36 | 10.42 | 9.62 | 9.19 | 8.89 | 8.99 |
| 20 | 9.70 | 9.85 | 10.74 | 10.25 | 9.77 | 10.16 | 10.27 | 10.19 | 9.68 | 9.13 | 8.94 | 9.14 |
| 21 | 9.65 | 9.68 | 10.02 | 10.08 | 9.72 | 10.05 | 10.26 | 10.0 | 9.64 | 9.14 | 8.87 | 9.12 |
| 22 | 9.68 | 9.77 | 9.66 | 10.24 | 9.93 | 10.23 | 10.43 | 10.0 | 9.63 | 9.00 | 9.08 | 8.78 |
| 23 | 9.69 | 10.0 | 9.70 | 10.28 | 10.45 | 10.59 | 10.33 | 9.98 | 9.70 | 9.04 | 9.41 | 8.83 |
| 24 | 10.18 | 10.01 | 9.73 | 10.07 | 10.73 | 10.13 | 10.29 | 9.90 | 9.73 | 9.08 | 9.50 | 8.98 |
| 25 | 9.69 | 10.05 | 10.01 | 10.71 | 10.86 | 10.20 | 10.68 | 9.95 | 9.59 | 9.13 | 9.38 | 9.00 |
| 26 | 9.46 | 10.16 | 10.49 | 10.34 | 10.96 | 10.36 | 11.12 | 10.15 | 9.60 | 8.93 | 9.11 | 9.06 |
| 27 | 9.76 | 10.39 | 10.50 | 9.93 | 10.71 | 10.42 | 11.11 | 10.35 | 9.75 | 8.83 | 8.86 | 9.32 |
| 28 | 10.22 | 9.36 | 10.15 | 9.93 | 10.56 | 10.33 | 10.63 | 10.17 | 9.75 | 8.85 | 8.78 | 9.38 |
| 29 | 10.31 | 9.63 | 9.21 | 9.25 | --- | 10.76 | 10.26 | 10.11 | 9.57 | 8.93 | 8.70 | 9.19 |
| 30 | 10.0 | 9.86 | 9.28 | 9.31 | --- | 11.08 | 10.29 | 10.07 | 9.33 | 8.94 | 8.73 | 9.36 |
| 31 | 10.08 | --- | 9.86 | 9.97 | --- | 10.71 | --- | 9.96 | --- | 8.93 | 8.78 | --- |
| Mean | 9.75 | 9.92 | 9.80 | 10.00 | 10.19 | 10.43 | 10.33 | 10.09 | 9.81 | 9.12 | 8.97 | 9.03 |
| Max | 10.51 | 10.85 | 10.74 | 10.71 | 10.96 | 11.16 | 11.12 | 10.42 | 10.17 | 9.32 | 9.50 | 9.38 |
| Min | 9.16 | 9.36 | 8.67 | 9.25 | 9.64 | 9.98 | 9.88 | 9.74 | 9.33 | 8.83 | 8.70 | 8.75 |
| Med | 9.65 | 9.85 | 9.75 | 9.97 | 10.12 | 10.33 | 10.29 | 10.06 | 9.78 | 9.14 | 8.92 | 9.00 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 9.81 | 9.78 |
| Max | 10.85 | 11.16 |
| Min | 8.67 | 8.67 |
| Med | 9.76 | 9.82 |

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



Water-Data Report 2010

# 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, 21.73 ft above sea level, April 26; lowest recorded, 17.34 ft above sea level, December 11.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 4 | 19.13 | Jun 29 | 20.28 |
| Dec 1 | 18.41 | Aug 2 | 19.79 |
| Feb 9 | 18.85 | Sep 1 | 19.27 |
| Apr 6 | 19.40 | 30 | 19.43 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 403727073154601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/403727073154601.2010.pdf

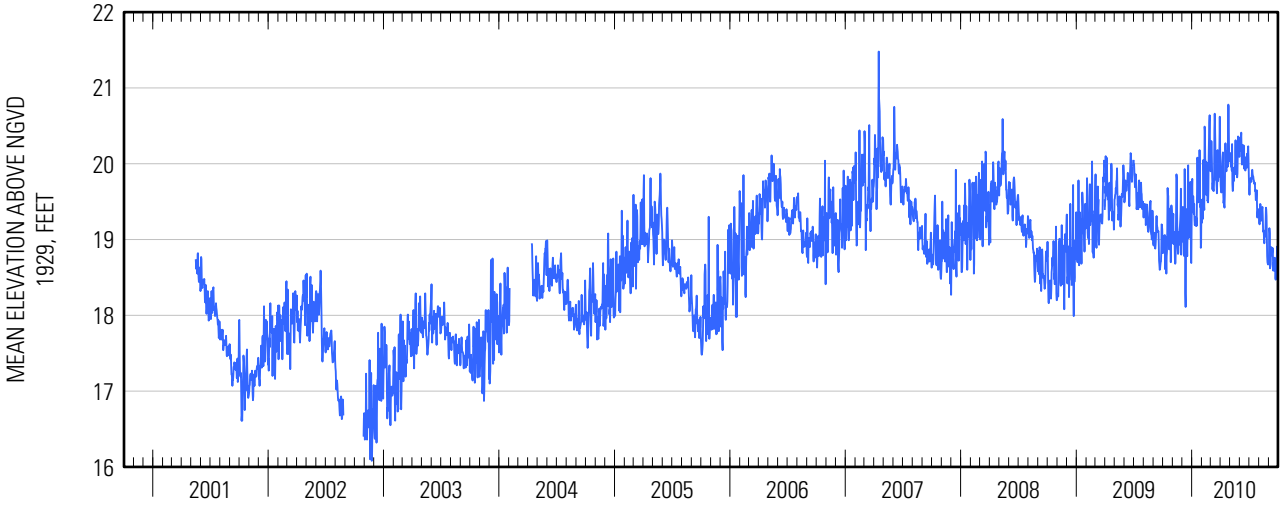
**403727073154601 Local number S 21091. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 18.82 | 18.95 | 19.07 | 19.63 | 19.22 | 19.90 | 19.86 | 20.10 | 20.19 | 19.67 | 19.31 | 18.75 |
| 2 | 18.87 | 19.23 | 19.01 | 19.80 | 19.24 | 19.97 | 19.71 | 20.13 | 20.17 | 19.59 | 19.22 | 18.79 |
| 3 | 19.05 | 19.34 | 19.43 | 19.37 | 19.53 | 20.30 | 19.65 | 20.14 | 20.35 | 19.68 | 19.20 | 19.15 |
| 4 | 19.03 | 18.94 | 18.97 | 19.52 | 19.27 | 20.29 | 19.62 | 20.06 | 20.27 | 19.78 | 19.29 | 19.08 |
| 5 | 18.89 | 19.10 | 19.26 | 19.57 | 19.31 | 20.08 | 19.67 | 19.96 | 20.33 | 19.80 | 19.47 | 18.62 |
| 6 | 18.87 | 19.00 | 19.08 | 19.49 | 20.05 | 19.82 | 19.86 | 20.11 | 20.41 | 19.81 | 19.46 | 18.64 |
| 7 | 19.06 | 18.98 | 18.95 | 19.34 | 19.90 | 19.66 | 20.02 | 19.91 | 20.16 | 19.78 | 19.33 | 18.67 |
| 8 | 18.61 | 18.76 | 18.78 | 19.47 | 19.46 | 19.75 | 20.10 | 20.26 | 19.99 | 19.76 | 19.25 | 18.86 |
| 9 | 19.04 | 18.68 | 19.93 | 19.26 | 19.39 | 19.67 | 20.15 | 19.73 | 19.99 | 19.81 | 19.25 | 18.90 |
| 10 | 18.98 | 18.70 | 19.35 | 19.19 | 20.49 | 19.64 | 19.61 | 19.64 | 20.25 | 19.91 | 19.33 | 18.87 |
| 11 | 18.73 | 18.96 | 18.29 | 19.22 | 20.44 | 19.64 | 19.48 | 19.65 | 20.05 | 19.92 | 19.40 | 18.79 |
| 12 | 18.55 | 19.47 | 18.11 | 19.20 | 20.06 | 19.79 | 19.52 | 19.87 | 20.06 | 19.86 | 19.43 | 18.83 |
| 13 | 18.78 | 19.86 | 18.89 | 19.18 | 20.03 | 20.45 | 19.45 | 19.77 | 20.21 | 19.84 | 19.32 | 18.89 |
| 14 | 18.84 | 19.81 | 19.19 | 19.30 | 19.83 | 20.66 | 19.42 | 19.89 | 20.24 | 19.83 | 19.13 | 18.84 |
| 15 | 19.16 | 19.35 | 19.40 | 19.28 | 19.59 | 20.50 | 19.59 | 19.95 | 20.04 | 19.79 | 19.10 | 18.59 |
| 16 | 19.68 | 19.02 | 19.00 | 19.18 | 20.02 | 20.26 | 20.05 | 19.91 | 19.93 | 19.78 | 19.12 | 18.69 |
| 17 | 19.57 | 18.88 | 18.78 | 19.59 | 19.88 | 19.88 | 20.27 | 19.86 | 20.09 | 19.74 | 19.02 | 18.64 |
| 18 | 19.58 | 18.81 | 19.06 | 20.08 | 19.79 | 19.79 | 20.08 | 20.16 | 19.98 | 19.73 | 18.95 | 18.59 |
| 19 | 19.21 | 18.83 | 19.70 | 20.04 | 19.51 | 19.81 | 19.95 | 20.31 | 19.91 | 19.75 | 19.08 | 18.64 |
| 20 | 18.94 | 19.10 | 19.98 | 19.68 | 19.52 | 19.71 | 19.90 | 20.10 | 20.04 | 19.64 | 19.09 | 18.76 |
| 21 | 18.87 | 18.93 | 19.36 | 19.49 | 19.49 | 19.61 | 20.01 | 19.92 | 19.96 | 19.65 | 19.04 | 18.69 |
| 22 | 18.97 | 18.95 | 19.02 | 19.68 | 19.65 | 19.78 | 20.16 | 19.90 | 19.95 | 19.52 | 19.21 | 18.49 |
| 23 | 18.97 | 19.13 | 19.05 | 19.63 | 20.11 | 20.18 | 20.04 | 19.91 | 20.04 | 19.53 | 19.42 | 18.47 |
| 24 | 19.41 | 19.18 | 19.04 | 19.52 | 20.34 | 19.77 | 19.96 | 19.82 | 20.13 | 19.63 | 19.40 | 18.61 |
| 25 | 18.95 | 19.26 | 19.25 | 20.18 | 20.55 | 19.78 | 20.36 | 19.87 | 19.95 | 19.65 | 19.31 | 18.66 |
| 26 | 18.70 | 19.37 | 19.68 | 19.86 | 20.64 | 19.99 | 20.78 | 20.16 | 20.02 | 19.42 | 19.03 | 18.64 |
| 27 | 19.00 | 19.67 | 19.76 | 19.43 | 20.31 | 19.86 | 20.76 | 20.36 | 20.17 | 19.29 | 18.78 | 18.82 |
| 28 | 19.45 | 18.80 | 19.54 | 19.46 | 20.18 | 19.83 | 20.32 | 20.17 | 20.23 | 19.36 | 18.70 | 18.91 |
| 29 | 19.38 | 18.97 | 18.70 | 18.89 | --- | 20.26 | 20.03 | 20.15 | 20.05 | 19.40 | 18.68 | 18.70 |
| 30 | 19.11 | 19.25 | 18.69 | 18.95 | --- | 20.62 | 20.03 | 20.15 | 19.83 | 19.40 | 18.67 | 18.85 |
| 31 | 19.26 | --- | 19.21 | 19.52 | --- | 20.23 | --- | 20.09 | --- | 19.37 | 18.73 | --- |
| Mean | 19.04 | 19.11 | 19.15 | 19.48 | 19.85 | 19.98 | 19.95 | 20.00 | 20.10 | 19.67 | 19.15 | 18.75 |
| Max | 19.68 | 19.86 | 19.98 | 20.18 | 20.64 | 20.66 | 20.78 | 20.36 | 20.41 | 19.92 | 19.47 | 19.15 |
| Min | 18.55 | 18.68 | 18.11 | 18.89 | 19.22 | 19.61 | 19.42 | 19.64 | 19.83 | 19.29 | 18.67 | 18.47 |
| Med | 18.98 | 19.01 | 19.07 | 19.49 | 19.85 | 19.86 | 19.99 | 19.96 | 20.06 | 19.73 | 19.21 | 18.72 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 19.31 | 19.52 |
| Max | 20.14 | 20.78 |
| Min | 18.11 | 18.11 |
| Med | 19.32 | 19.53 |

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



Water-Data Report 2010

# 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, 4.67 ft above sea level, April 1, 2010; lowest recorded, 1.93 ft above sea level, February 14, 2007.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 4.67 ft above sea level, April 1; lowest recorded, 2.65 ft above sea level, January 17.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 4 | 3.84 | Sep 1 | 4.17 |
| Dec 1 | 3.54 | 30 | 4.22 |
| Feb 8 | 3.49 | | |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 403805073121002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/403805073121002.2010.pdf

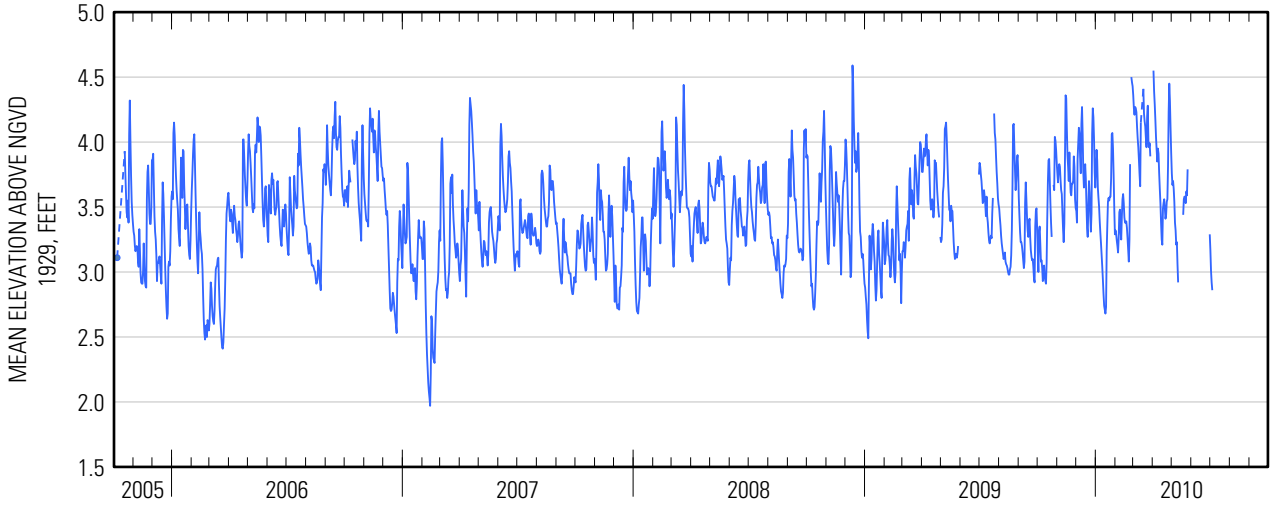
**403805073121002 Local number S125986. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.15 | 3.76 | 3.47 | 3.78 | 3.32 | 4.36 | --- | 3.76 | --- | 3.17 | --- | --- |
| 2 | 3.00 | 3.69 | 3.38 | 3.94 | 3.29 | 4.26 | 4.55 | 3.67 | --- | 3.01 | --- | --- |
| 3 | 3.31 | 3.79 | 3.87 | 3.86 | 3.24 | 4.21 | 4.39 | 3.70 | --- | 2.92 | --- | --- |
| 4 | 3.35 | 3.83 | 3.99 | 3.65 | 3.20 | 4.27 | 4.29 | 3.64 | --- | 2.86 | --- | --- |
| 5 | 3.22 | 3.81 | 4.11 | 3.57 | 3.15 | 4.26 | 4.17 | 3.54 | --- | --- | --- | --- |
| 6 | 3.08 | 3.71 | 4.06 | 3.50 | 3.27 | 4.23 | 4.04 | 3.38 | --- | --- | --- | --- |
| 7 | 3.09 | 3.63 | 3.88 | 3.39 | 3.46 | 4.12 | 3.94 | 3.32 | --- | --- | --- | --- |
| 8 | 3.03 | 3.60 | 3.76 | 3.30 | 3.48 | 4.03 | 3.85 | 3.21 | --- | --- | --- | --- |
| 9 | 2.93 | 3.46 | 4.14 | 3.22 | 3.31 | 3.96 | 3.95 | 3.23 | --- | --- | --- | --- |
| 10 | 3.00 | 3.33 | 4.27 | 3.13 | 3.25 | 3.86 | 3.91 | 3.06 | --- | --- | --- | --- |
| 11 | 3.05 | 3.23 | 4.06 | 3.04 | 3.43 | 3.75 | 3.76 | 2.92 | --- | --- | --- | --- |
| 12 | 2.96 | 3.37 | 3.77 | 2.94 | 3.56 | 3.66 | 3.64 | --- | --- | --- | --- | --- |
| 13 | 2.93 | 3.85 | 3.65 | 2.83 | 3.60 | 4.15 | 3.53 | --- | --- | --- | --- | --- |
| 14 | 2.91 | 4.36 | 3.72 | 2.74 | 3.53 | --- | 3.38 | --- | --- | --- | --- | --- |
| 15 | 3.07 | 4.34 | 3.83 | 2.71 | 3.42 | --- | 3.25 | --- | --- | --- | --- | --- |
| 16 | 3.41 | 4.10 | 3.72 | 2.68 | 3.38 | --- | 3.21 | --- | --- | --- | --- | --- |
| 17 | 3.69 | 3.90 | 3.52 | 2.73 | 3.38 | 4.41 | 3.49 | --- | --- | --- | --- | --- |
| 18 | 3.86 | 3.81 | 3.34 | 3.16 | 3.39 | 4.22 | 3.53 | --- | --- | --- | --- | --- |
| 19 | 3.87 | 3.70 | 3.27 | 3.36 | 3.34 | 4.16 | 3.56 | 3.44 | --- | --- | --- | --- |
| 20 | 3.71 | 3.92 | 3.52 | 3.54 | 3.26 | 4.12 | 3.49 | 3.56 | --- | --- | --- | --- |
| 21 | 3.53 | 3.74 | 3.70 | 3.57 | 3.17 | 4.03 | 3.41 | 3.58 | --- | --- | --- | --- |
| 22 | 3.38 | 3.61 | 3.61 | 3.55 | 3.08 | 3.96 | 3.44 | 3.58 | --- | --- | --- | --- |
| 23 | 3.27 | 3.59 | 3.43 | 3.58 | 3.25 | 4.20 | 3.54 | 3.53 | --- | --- | --- | --- |
| 24 | --- | 3.68 | 3.31 | 3.58 | 3.83 | 4.28 | 3.56 | 3.62 | --- | --- | --- | --- |
| 25 | --- | 3.68 | 3.45 | 3.72 | --- | 4.01 | 3.81 | 3.59 | --- | --- | --- | --- |
| 26 | 3.67 | 3.70 | 4.06 | 4.06 | 4.50 | 3.96 | 4.23 | 3.79 | --- | --- | --- | --- |
| 27 | 3.63 | 3.89 | 4.26 | 4.07 | 4.46 | 3.99 | 4.45 | --- | --- | --- | --- | --- |
| 28 | 4.04 | 3.81 | 4.19 | 3.95 | 4.43 | 3.89 | 4.32 | --- | --- | --- | --- | --- |
| 29 | 4.01 | 3.56 | 4.02 | 3.74 | --- | --- | 4.11 | --- | --- | --- | --- | --- |
| 30 | 3.94 | 3.49 | 3.77 | 3.49 | --- | --- | 3.92 | --- | 3.29 | --- | --- | --- |
| 31 | 3.84 | --- | 3.65 | 3.29 | --- | --- | --- | --- | --- | --- | --- | --- |
| Mean | 3.38 | 3.73 | 3.77 | 3.41 | 3.48 | 4.09 | 3.82 | 3.48 | --- | --- | --- | --- |
| Max | 4.04 | 4.36 | 4.27 | 4.07 | 4.50 | 4.41 | 4.55 | 3.79 | --- | --- | --- | --- |
| Min | 2.91 | 3.23 | 3.27 | 2.68 | 3.08 | 3.66 | 3.21 | 2.92 | --- | --- | --- | --- |
| Med | 3.31 | 3.71 | 3.76 | 3.50 | 3.38 | 4.12 | 3.81 | 3.56 | --- | --- | --- | --- |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 3.46 | 3.63 |
| Max | 4.36 | 4.55 |
| Min | 2.49 | 2.68 |
| Med | 3.45 | 3.61 |

**403805073121002 Local number S125986. 1—Continued**



Water-Data Report 2010

# 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.

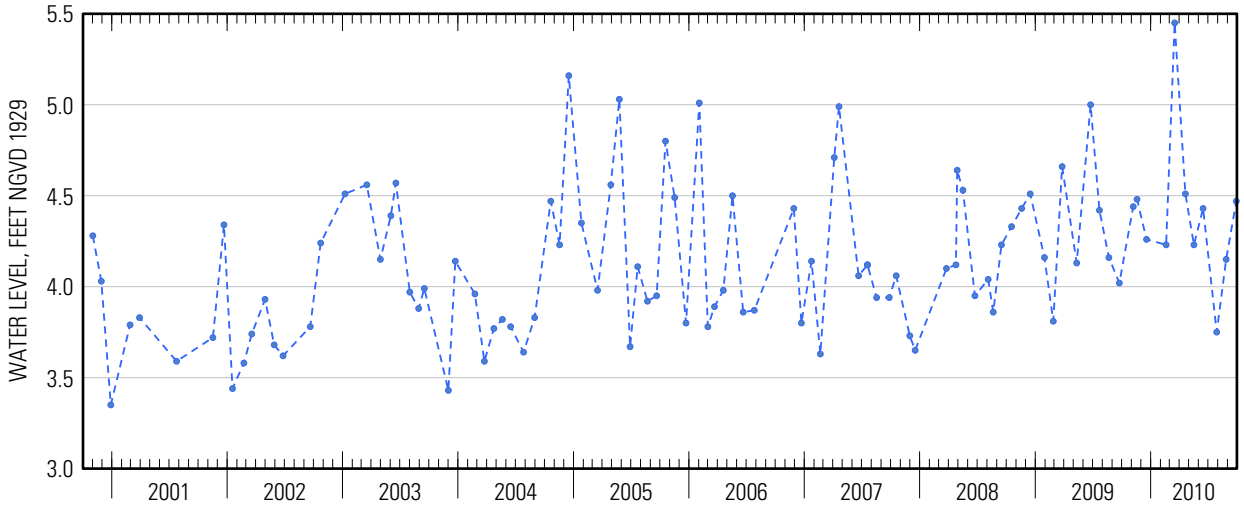
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.45 ft above sea level, March 17, 2010; lowest measured, 3.31 ft above sea level, July 31, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 6 | 4.44 | May 17 | 4.23 |
| 18 | 4.48 | Jun 15 | 4.43 |
| Dec 18 | 4.26 | Jul 28 | 3.75 |
| Feb 18 | 4.23 | Aug 27 | 4.15 |
| Mar 17 | 5.45 | Sep 28 | 4.47 |
| Apr 20 | 4.51 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 403935073235001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/403935073235001.2010.pdf

Water-Data Report 2010

# 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.

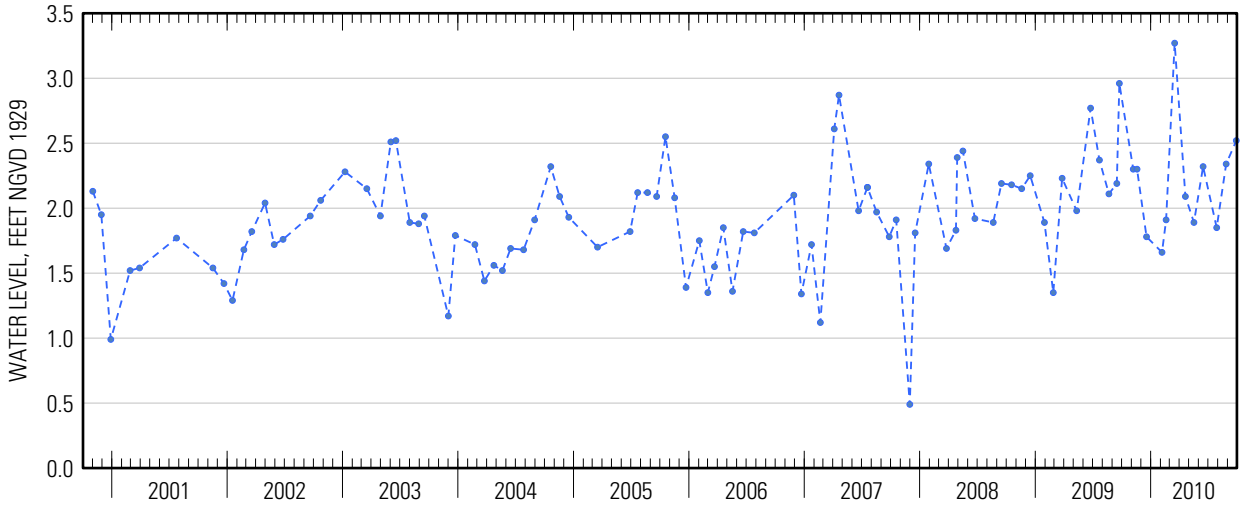
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.27 ft above sea level, March 17, 2010; lowest measured, 0.99 ft above sea level, October 28, 2000.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 6 | 2.30 | Apr 20 | 2.09 |
| 18 | 2.30 | May 17 | 1.89 |
| Dec 18 | 1.78 | Jun 15 | 2.32 |
| Feb 5 | 1.66 | Jul 28 | 1.85 |
| 18 | 1.91 | Aug 27 | 2.34 |
| Mar 17 | 3.27 | Sep 28 | 2.52 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 403935073235002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/403935073235002.2010.pdf

Water-Data Report 2010

# 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.

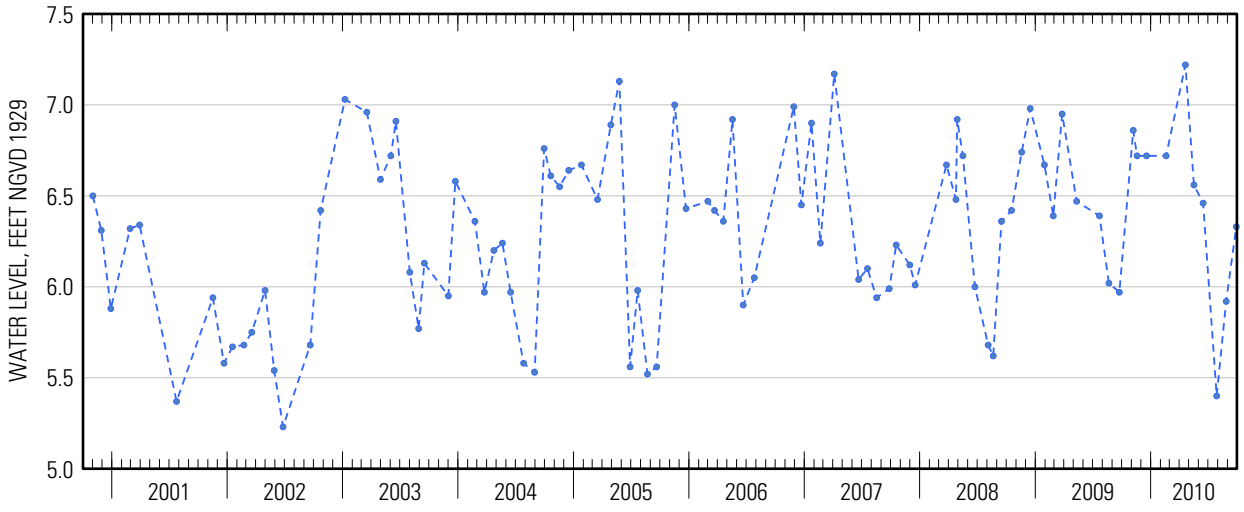
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 6 | 6.86 | May 17 | 6.56 |
| 18 | 6.72 | Jun 15 | 6.46 |
| Dec 18 | 6.72 | Jul 28 | 5.40 |
| Feb 18 | 6.72 | Aug 27 | 5.92 |
| Apr 20 | 7.22 | Sep 28 | 6.33 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 403935073235004, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/403935073235004.2010.pdf

Water-Data Report 2010

# 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.

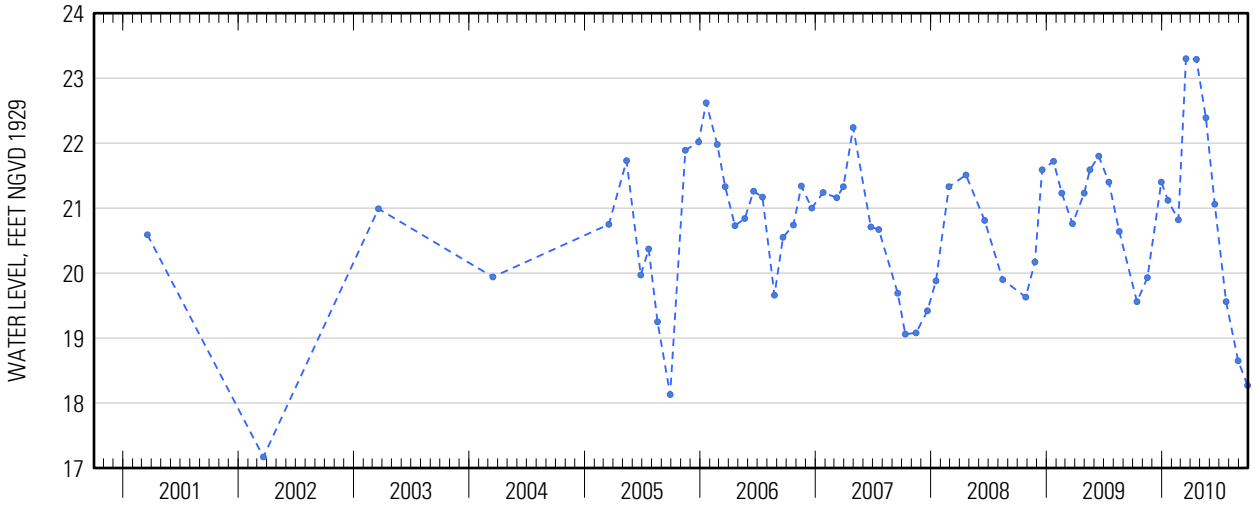
PERIOD OF RECORD.--February 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 19.56 | Apr 20 | 23.29 |
| Nov 16 | 19.93 | May 20 | 22.39 |
| Dec 30 | 21.40 | Jun 17 | 21.06 |
| Jan 20 | 21.12 | Jul 23 | 19.56 |
| Feb 22 | 20.82 | Aug 30 | 18.65 |
| Mar 18 | 23.30 | Sep 29 | 18.27 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404124073241601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404124073241601.2010.pdf

Water-Data Report 2010

# 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.

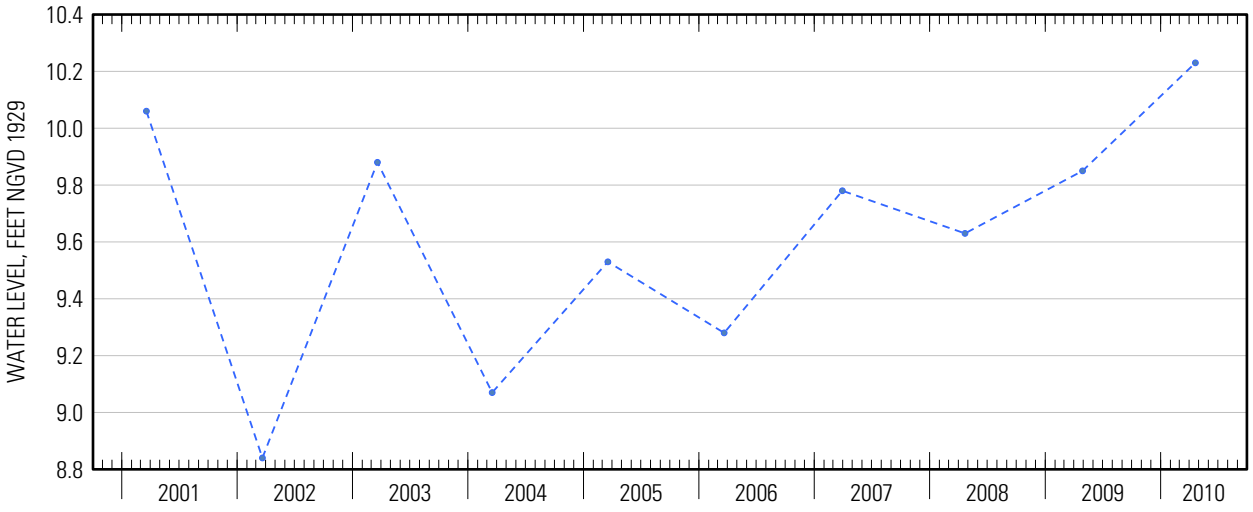
PERIOD OF RECORD.--May 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 10.23 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404210073182501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404210073182501.2010.pdf

Water-Data Report 2010

# 404213073201004 Local number S 1803. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°42'14.9", long 73°20'39.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of State Route 109, west of Little East Neck Road, on grass median, Babylon.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 10 ft. Upper casing diameter 1.25 in; top of first opening 16 ft, bottom of last opening 19 ft.

DATUM.--Land-surface datum is 23.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

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

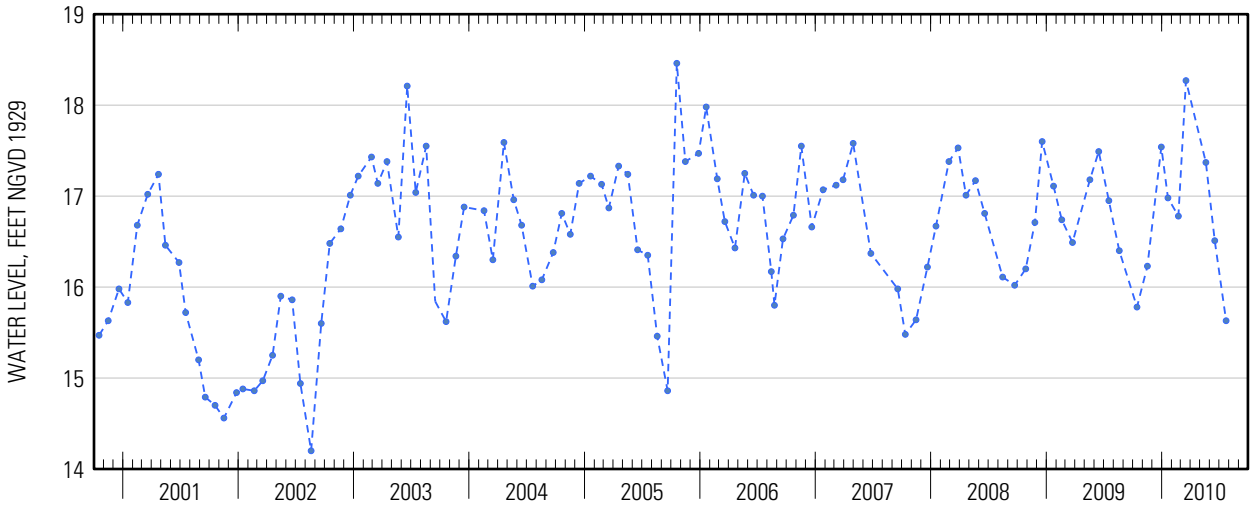
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1803.3 in November 1975 near same location. Unpublished records from October 1912 to November 1914, August and September 1932, and June 1936 to September 1975, for wells S1803.1 to S1803.3 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.87 ft above sea level, May 23, 1983; lowest measured, 13.06 ft above sea level, July 26, 1976.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 15.78 | Mar 18 | 18.27 |
| Nov 16 | 16.23 | May 20 | 17.37 |
| Dec 30 | 17.54 | Jun 17 | 16.51 |
| Jan 20 | 16.98 | Jul 23 | 15.63 |
| Feb 22 | 16.78 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404213073201004, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404213073201004.2010.pdf

Water-Data Report 2010

# 404221073164905 Local number S 1808. 5

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

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

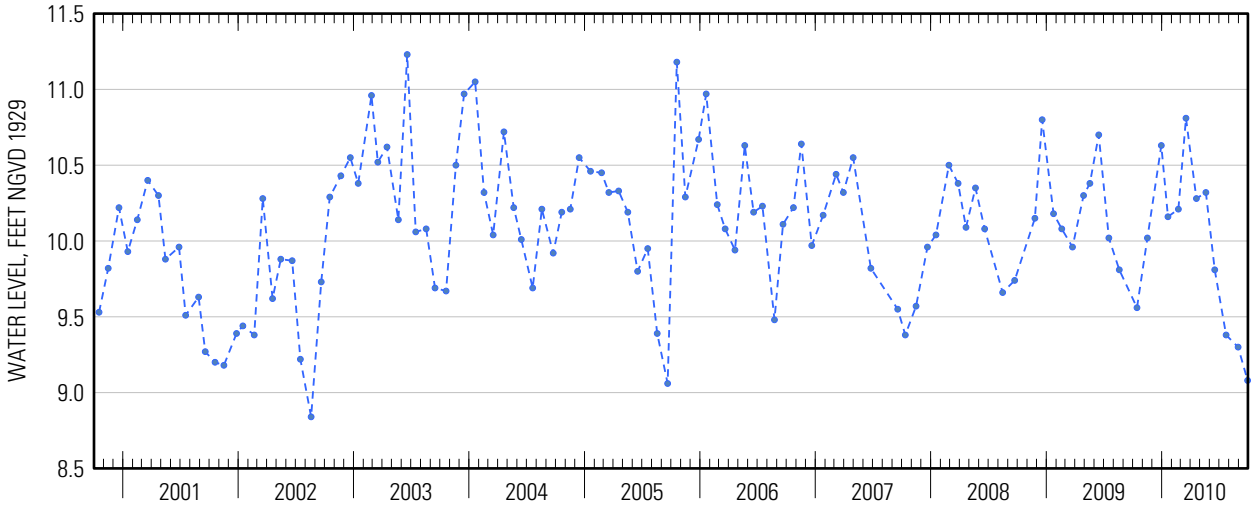
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 9.56 | Apr 20 | 10.28 |
| Nov 16 | 10.02 | May 20 | 10.32 |
| Dec 30 | 10.63 | Jun 17 | 9.81 |
| Jan 20 | 10.16 | Jul 23 | 9.38 |
| Feb 22 | 10.21 | Aug 30 | 9.30 |
| Mar 18 | 10.81 | Sep 29 | 9.08 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404221073164905, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404221073164905.2010.pdf

Water-Data Report 2010

# 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.

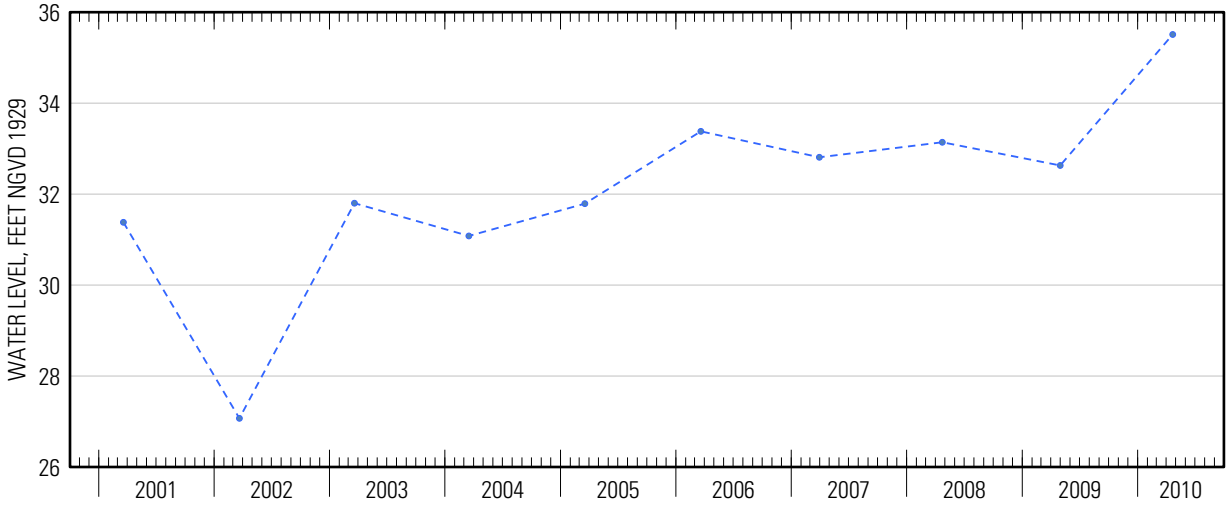
PERIOD OF RECORD.--January 1958 to current year.

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, 26.97 ft above sea level, July 10, 1965.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 35.51 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404225073234201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404225073234201.2010.pdf

Water-Data Report 2010

# 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.

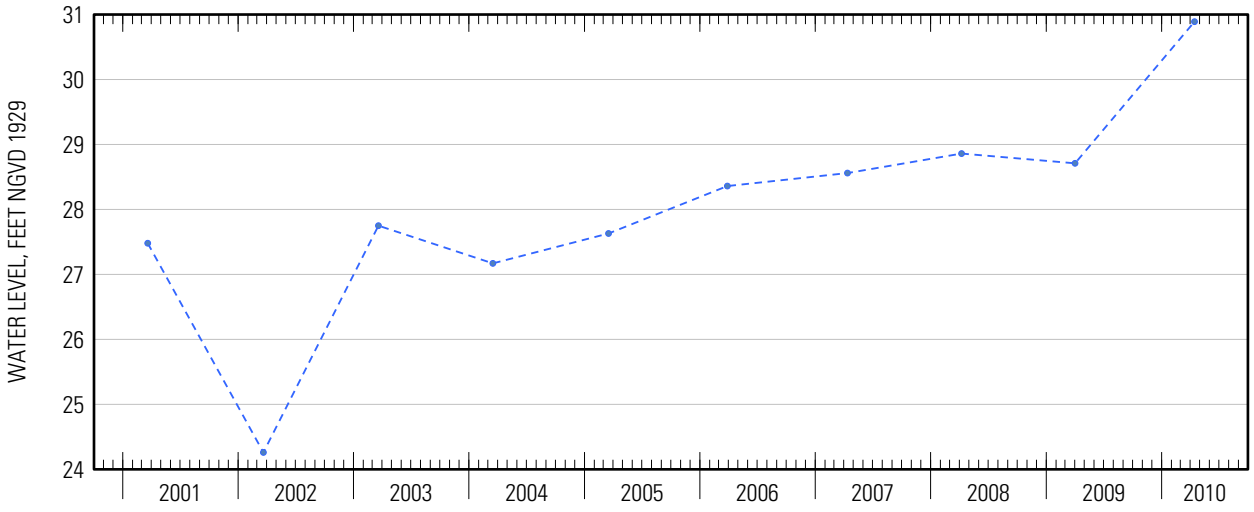
PERIOD OF RECORD.--March 1977 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 30.89 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404236073225001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404236073225001.2010.pdf

Water-Data Report 2010

# 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.

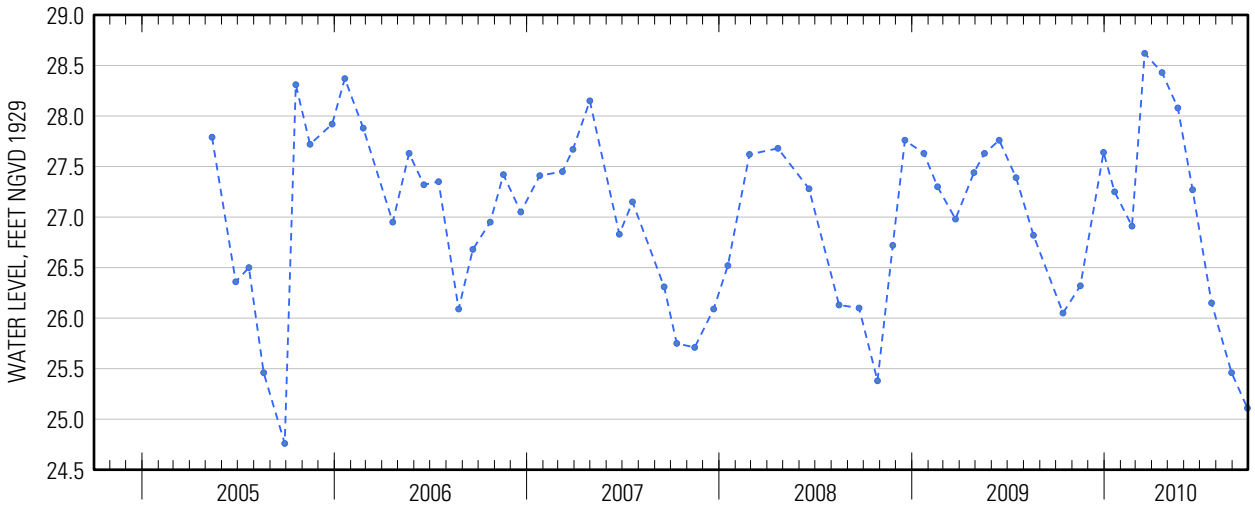
PERIOD OF RECORD.--February 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 26.05 | Apr 20 | 28.43 |
| Nov 16 | 26.32 | May 20 | 28.08 |
| Dec 30 | 27.64 | Jun 17 | 27.27 |
| Jan 20 | 27.25 | Jul 23 | 26.15 |
| Feb 22 | 26.91 | Aug 30 | 25.46 |
| Mar 18 | 28.62 | Sep 29 | 25.11 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404237073220601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404237073220601.2010.pdf

Water-Data Report 2010

# 404319073184701 Local number S 1807. 6

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

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

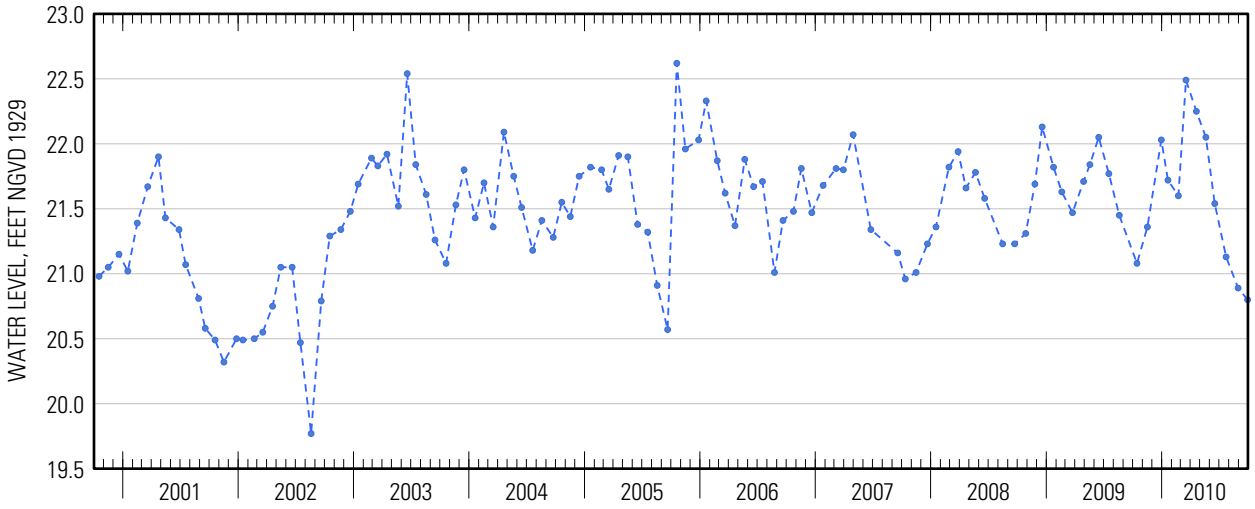
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 21.08 | Apr 20 | 22.25 |
| Nov 16 | 21.36 | May 20 | 22.05 |
| Dec 30 | 22.03 | Jun 17 | 21.54 |
| Jan 20 | 21.72 | Jul 23 | 21.13 |
| Feb 22 | 21.60 | Aug 30 | 20.89 |
| Mar 18 | 22.49 | Sep 29 | 20.80 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404319073184701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404319073184701.2010.pdf

Water-Data Report 2010

# 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, 14.25 ft above sea level, April 23, 2010; lowest measured, 3.76 ft above sea level, November 16, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 14.25 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404334073095501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404334073095501.2010.pdf

Water-Data Report 2010

# 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 undefined, 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.

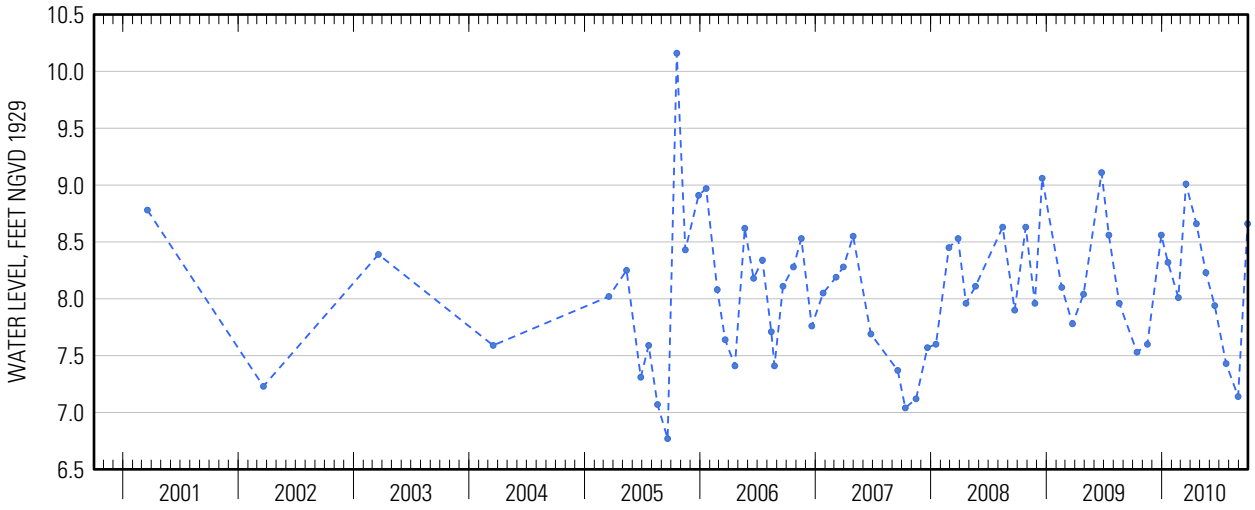
PERIOD OF RECORD.--April 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 7.53 | Apr 20 | 8.66 |
| Nov 16 | 7.60 | May 20 | 8.23 |
| Dec 30 | 8.56 | Jun 17 | 7.94 |
| Jan 20 | 8.32 | Jul 23 | 7.43 |
| Feb 22 | 8.01 | Aug 30 | 7.14 |
| Mar 18 | 9.01 | Sep 29 | 8.66 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404345073124001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404345073124001.2010.pdf

Water-Data Report 2010

# 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.

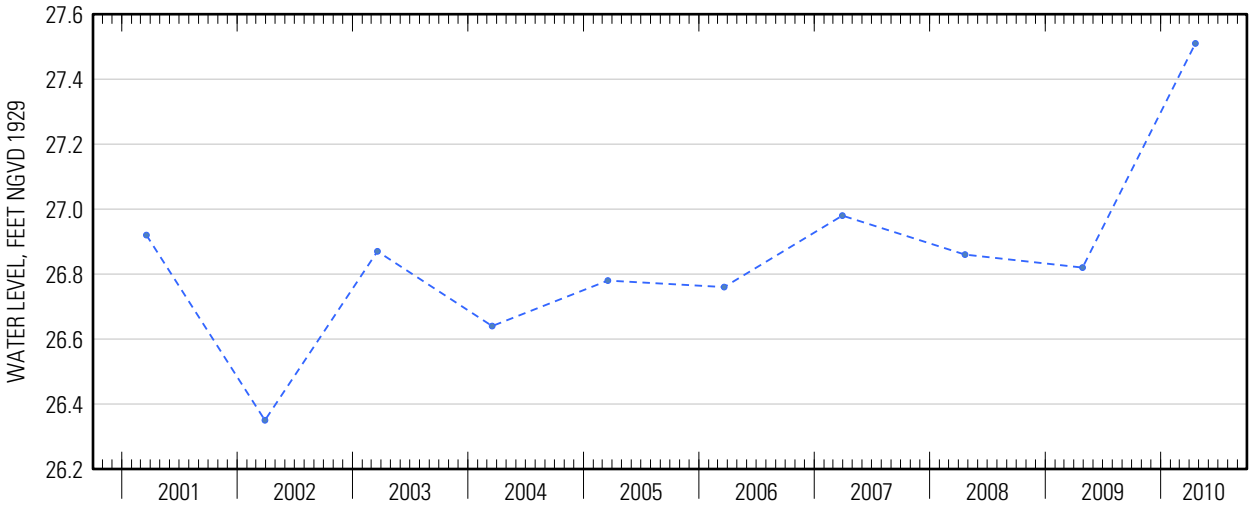
PERIOD OF RECORD.--March 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.51 ft above sea level, April 20, 2010; lowest measured, 22.70 ft above sea level, July 26, 1975.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 27.51 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404347073195501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404347073195501.2010.pdf

Water-Data Report 2010

# 404351073164904 Local number S 1809. 4

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

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

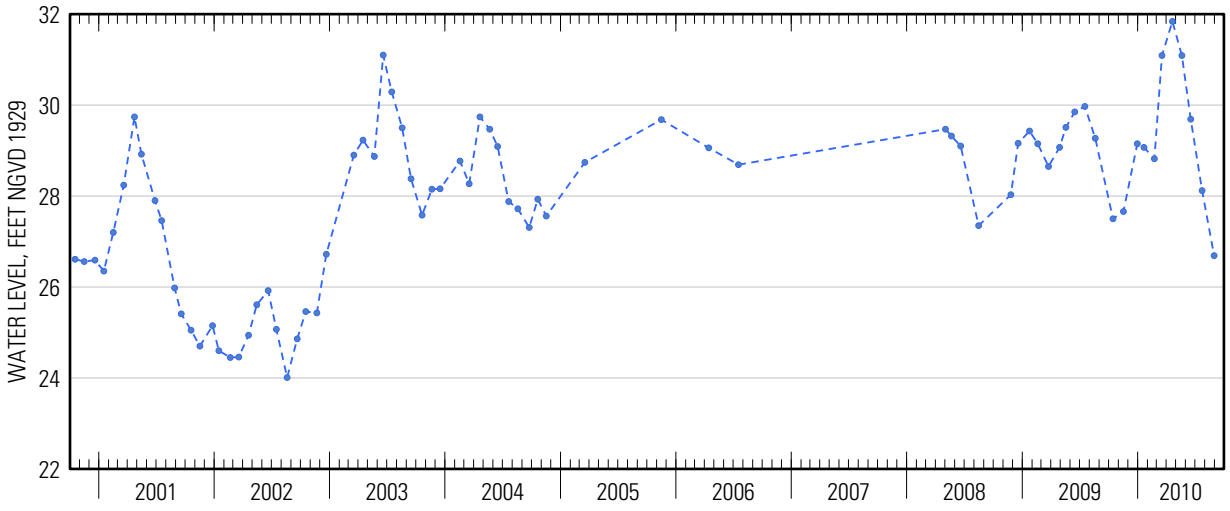
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 27.50 | Apr 20 | 31.84 |
| Nov 16 | 27.66 | May 20 | 31.09 |
| Dec 30 | 29.15 | Jun 17 | 29.69 |
| Jan 20 | 29.07 | Jul 23 | 28.12 |
| Feb 22 | 28.82 | Aug 30 | 26.69 |
| Mar 18 | 31.09 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404351073164904, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404351073164904.2010.pdf

Water-Data Report 2010

# 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, 4.60 ft above sea level, March 30, 2010; lowest recorded, 0.43 ft above sea level, February 9, 10, and 11, 2007.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 4.60 ft above sea level, March 30; lowest recorded, 1.20 ft above sea level, January 14.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| May 17 | 1.70 | Aug 27 | 2.36 |
| Jun 15 | 2.29 | Sep 28 | 2.55 |
| Aug 2 | 1.79 | | |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404353072521701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404353072521701.2010.pdf

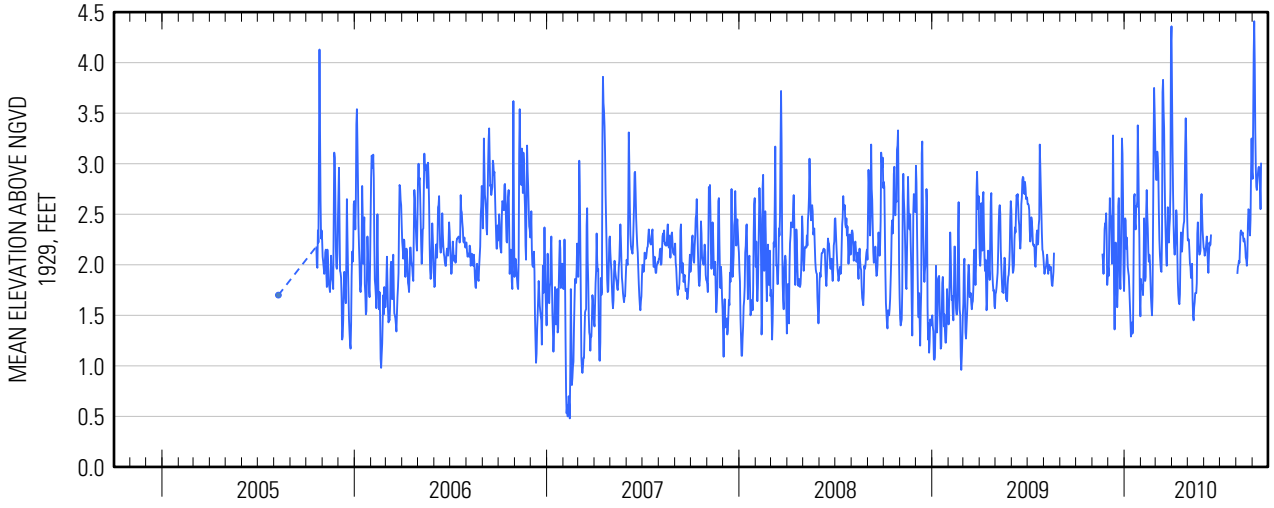
**404353072521701 Local number S125364. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | --- | --- | 1.97 | 2.01 | 1.86 | 2.97 | 3.71 | 2.24 | 2.15 | --- | --- | 2.85 |
| 2 | --- | --- | 1.89 | 2.46 | 1.76 | 2.84 | 3.13 | 2.25 | 2.09 | --- | --- | 3.41 |
| 3 | --- | --- | 2.41 | 2.44 | 1.80 | 2.84 | 2.70 | 2.25 | 2.12 | --- | 1.91 | 4.09 |
| 4 | --- | --- | 2.66 | 2.16 | 1.80 | 3.12 | 2.39 | 2.14 | 2.16 | --- | 1.98 | 4.41 |
| 5 | --- | --- | 2.47 | 2.27 | 1.70 | 3.05 | 2.17 | 2.01 | 2.21 | --- | 2.00 | 4.00 |
| 6 | --- | --- | 2.48 | 2.17 | 1.98 | 2.91 | 2.10 | 1.98 | 2.28 | --- | 2.04 | 3.33 |
| 7 | --- | --- | 2.26 | 1.98 | 2.46 | 2.53 | 2.19 | 1.87 | 2.17 | --- | 2.02 | 2.96 |
| 8 | --- | --- | 2.01 | 1.93 | 2.25 | 2.25 | 2.30 | 1.90 | 2.01 | --- | 2.17 | 2.77 |
| 9 | --- | --- | 2.35 | 1.89 | 1.84 | 2.10 | 2.54 | 2.01 | 1.92 | --- | 2.32 | 2.74 |
| 10 | --- | --- | 3.28 | 1.76 | 1.88 | 2.01 | 2.48 | 1.66 | 2.08 | --- | 2.34 | 2.82 |
| 11 | --- | --- | 2.64 | 1.61 | 2.52 | 1.94 | 2.13 | 1.49 | 2.22 | --- | 2.30 | 2.90 |
| 12 | --- | --- | 1.73 | 1.46 | 2.74 | 1.93 | 1.84 | 1.45 | 2.19 | --- | 2.30 | 2.96 |
| 13 | --- | --- | 1.36 | 1.29 | 2.50 | 2.28 | 1.70 | 1.58 | 2.20 | --- | 2.32 | 2.97 |
| 14 | --- | --- | 1.86 | 1.32 | 2.36 | 3.71 | 1.63 | 1.63 | 2.30 | --- | 2.27 | 2.95 |
| 15 | --- | --- | 2.22 | 1.43 | 2.13 | 3.83 | 1.61 | 1.72 | --- | --- | 2.23 | 2.77 |
| 16 | --- | --- | 2.06 | 1.32 | 2.03 | 3.53 | 1.71 | 1.72 | --- | --- | 2.26 | 2.55 |
| 17 | --- | --- | 1.76 | 1.38 | 2.10 | 3.35 | 2.09 | 1.72 | --- | --- | 2.23 | 3.01 |
| 18 | --- | --- | 1.58 | 2.02 | 2.04 | 2.86 | 2.32 | 1.82 | --- | --- | 2.17 | --- |
| 19 | --- | --- | 1.77 | 2.67 | 1.86 | 2.49 | 2.25 | 2.31 | --- | --- | 2.07 | --- |
| 20 | --- | 2.11 | 2.58 | 2.70 | 1.68 | 2.29 | 2.13 | 2.42 | --- | --- | 2.05 | --- |
| 21 | --- | 2.03 | 2.66 | 2.41 | 1.58 | 2.09 | 2.23 | 2.22 | --- | --- | 1.99 | --- |
| 22 | --- | 1.91 | 2.18 | 2.35 | 1.50 | 1.99 | 2.35 | 2.14 | --- | --- | 2.08 | --- |
| 23 | --- | 2.10 | 1.88 | 2.58 | 1.69 | 2.28 | 2.40 | 2.10 | --- | --- | 2.39 | --- |
| 24 | --- | 2.35 | 1.76 | 2.57 | 2.41 | 2.57 | 2.43 | 2.11 | --- | --- | 2.55 | --- |
| 25 | --- | 2.41 | 2.08 | 2.63 | 3.17 | 2.26 | 2.73 | 2.14 | --- | --- | 2.54 | --- |
| 26 | --- | 2.40 | 2.56 | 3.38 | 3.75 | 2.22 | 3.15 | 2.62 | --- | --- | 2.41 | --- |
| 27 | --- | 2.51 | 3.25 | 3.04 | 3.52 | 2.37 | 3.45 | 2.70 | --- | --- | 2.29 | --- |
| 28 | --- | 2.28 | 3.10 | 2.61 | 3.24 | 2.46 | 3.19 | 2.52 | --- | --- | 2.45 | --- |
| 29 | --- | 1.80 | 2.67 | 2.26 | --- | 2.76 | 2.74 | 2.34 | --- | --- | 2.92 | --- |
| 30 | --- | 1.89 | 1.91 | 1.65 | --- | 4.19 | 2.42 | 2.25 | --- | --- | 3.25 | --- |
| 31 | --- | --- | 1.74 | 1.49 | --- | 4.36 | --- | 2.17 | --- | --- | 2.92 | --- |
| Mean | --- | --- | 2.23 | 2.10 | 2.22 | 2.72 | 2.41 | 2.05 | --- | --- | 2.30 | 3.15 |
| Max | --- | --- | 3.28 | 3.38 | 3.75 | 4.36 | 3.71 | 2.70 | --- | --- | 3.25 | 4.41 |
| Min | --- | --- | 1.36 | 1.29 | 1.50 | 1.93 | 1.61 | 1.45 | --- | --- | 1.91 | 2.55 |
| Med | --- | --- | 2.18 | 2.16 | 2.03 | 2.53 | 2.33 | 2.11 | --- | --- | 2.27 | 2.96 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 2.04 | 2.33 |
| Max | 3.28 | 4.41 |
| Min | 0.96 | 1.29 |
| Med | 1.99 | 2.25 |

**404353072521701 Local number S125364. 1—Continued**



Water-Data Report 2010

# 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.

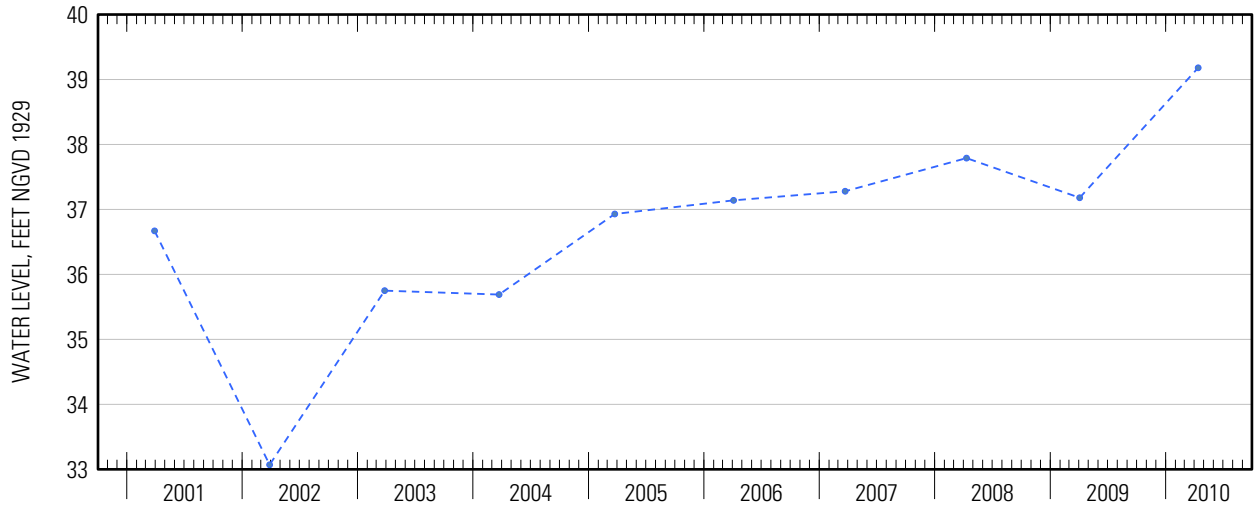
PERIOD OF RECORD.--April 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 13 | 39.18 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404353073215801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404353073215801.2010.pdf

Water-Data Report 2010

# 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.

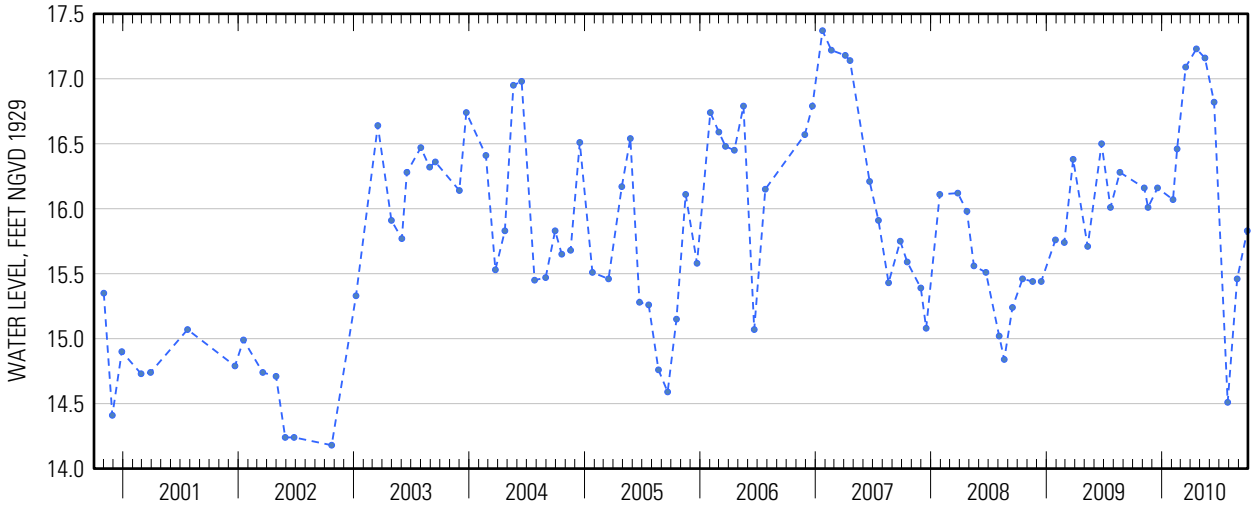
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 6 | 16.16 | Apr 20 | 17.23 |
| 18 | 16.01 | May 17 | 17.16 |
| Dec 18 | 16.16 | Jun 15 | 16.82 |
| Feb 5 | 16.07 | Jul 28 | 14.51 |
| 18 | 16.46 | Aug 27 | 15.46 |
| Mar 17 | 17.09 | Sep 28 | 15.83 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404357072515702, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404357072515702.2010.pdf

Water-Data Report 2010

# 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.

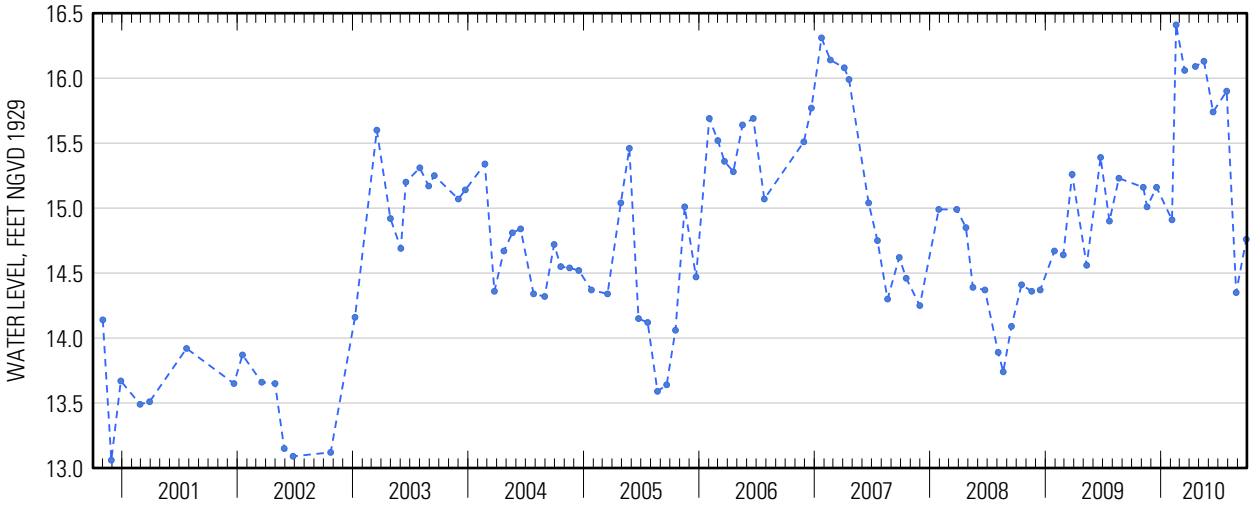
PERIOD OF RECORD.--December 1974 to March 1978, October 1980 to July 1986, and March 1990 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 6 | 15.16 | Apr 20 | 16.09 |
| 18 | 15.01 | May 17 | 16.13 |
| Dec 18 | 15.16 | Jun 15 | 15.74 |
| Feb 5 | 14.91 | Jul 28 | 15.90 |
| 18 | 16.41 | Aug 27 | 14.35 |
| Mar 17 | 16.06 | Sep 28 | 14.76 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404357072515703, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404357072515703.2010.pdf

Water-Data Report 2010

# 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.

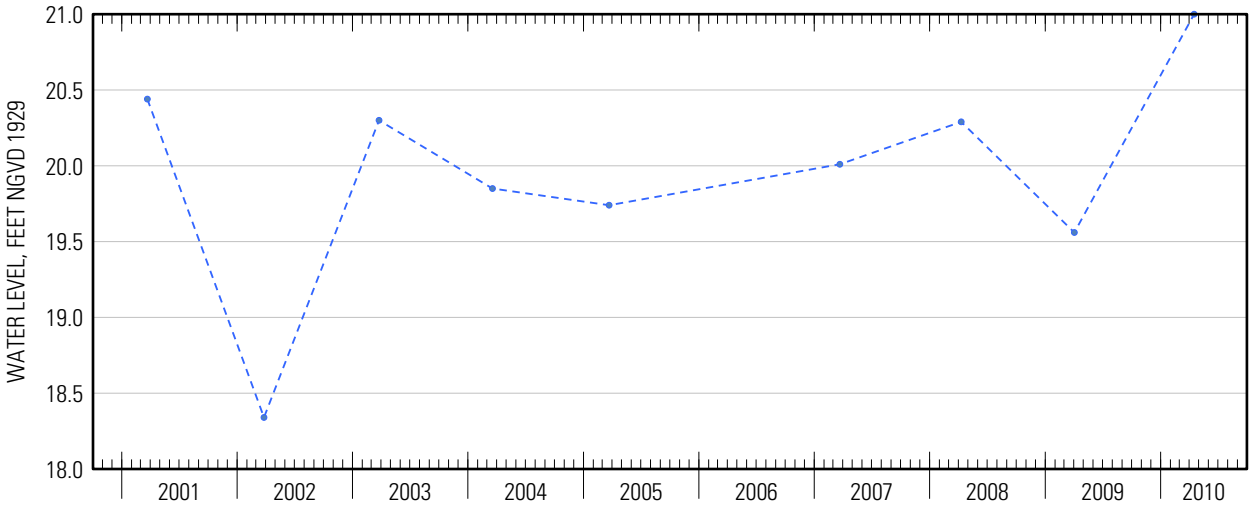
PERIOD OF RECORD.--April 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 21.00 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404415073114001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404415073114001.2010.pdf

Water-Data Report 2010

# 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 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.

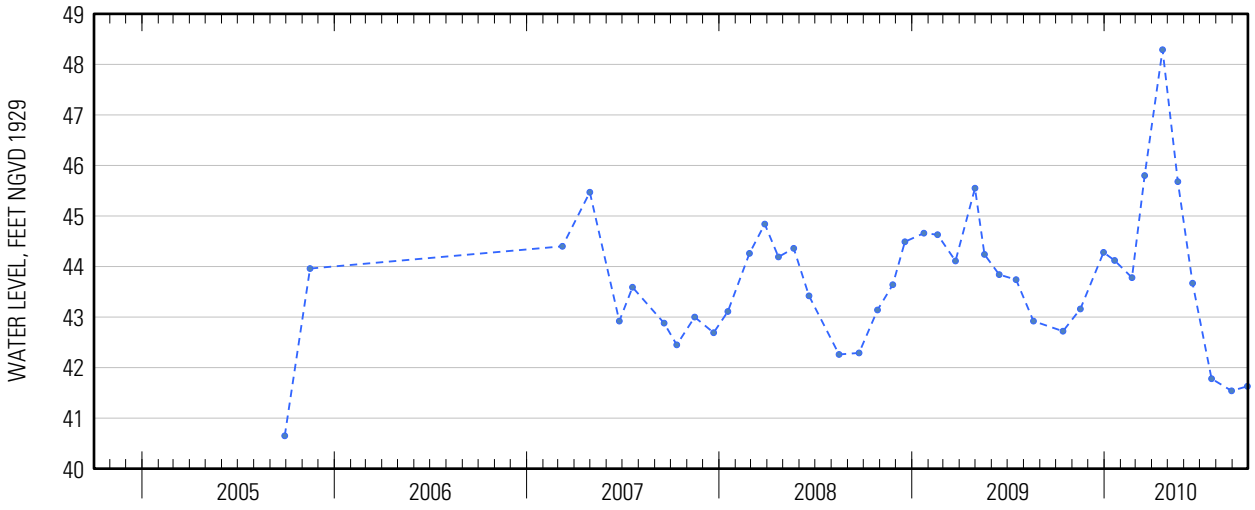
PERIOD OF RECORD.--January 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.29 ft above sea level, April 21, 2010; lowest measured, 40.65 ft above sea level, September 28, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 42.72 | Apr 21 | 48.29 |
| Nov 16 | 43.16 | May 20 | 45.68 |
| Dec 30 | 44.28 | Jun 17 | 43.67 |
| Jan 20 | 44.12 | Jul 23 | 41.78 |
| Feb 22 | 43.78 | Aug 30 | 41.54 |
| Mar 18 | 45.80 | Sep 29 | 41.63 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404430073215601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404430073215601.2010.pdf

Water-Data Report 2010

# 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.

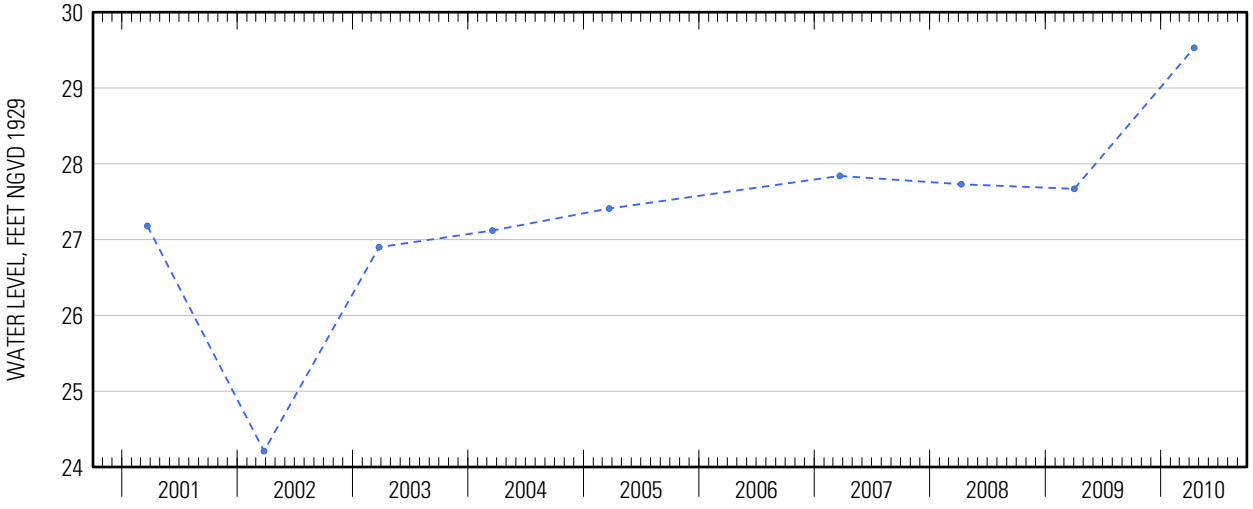
PERIOD OF RECORD.--March 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 29.53 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404432073151303, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404432073151303.2010.pdf

Water-Data Report 2010

# 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.

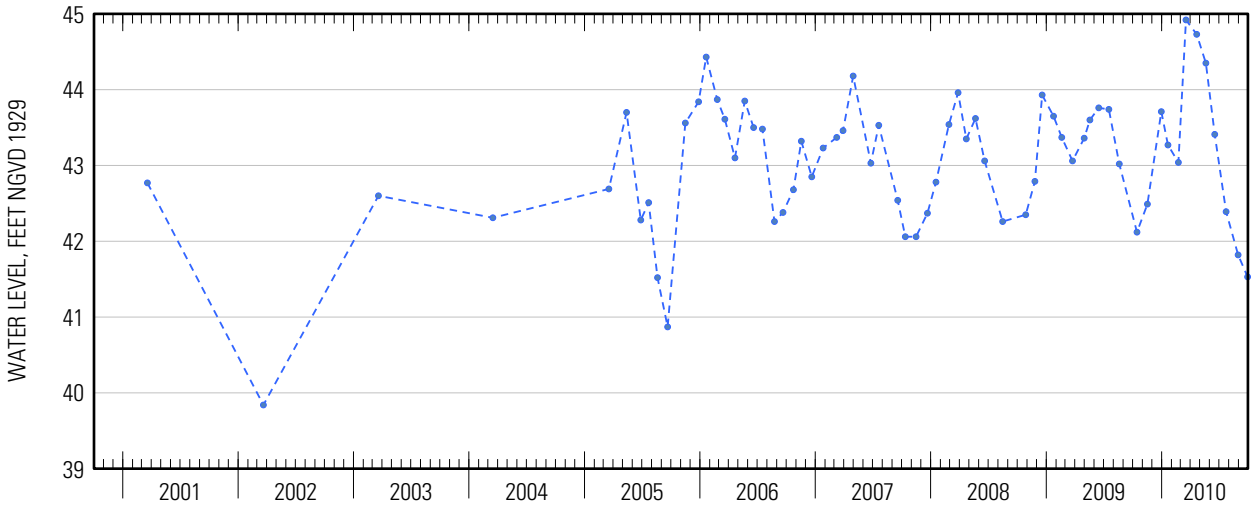
PERIOD OF RECORD.--January 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 44.92 ft above sea level, March 18, 2010; lowest measured, 38.76 ft above sea level, August 20, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 42.12 | Apr 21 | 44.73 |
| Nov 16 | 42.49 | May 20 | 44.35 |
| Dec 30 | 43.71 | Jun 17 | 43.41 |
| Jan 20 | 43.27 | Jul 23 | 42.39 |
| Feb 22 | 43.04 | Aug 30 | 41.82 |
| Mar 18 | 44.92 | Sep 29 | 41.53 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404433073212701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404433073212701.2010.pdf

Water-Data Report 2010

# 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.

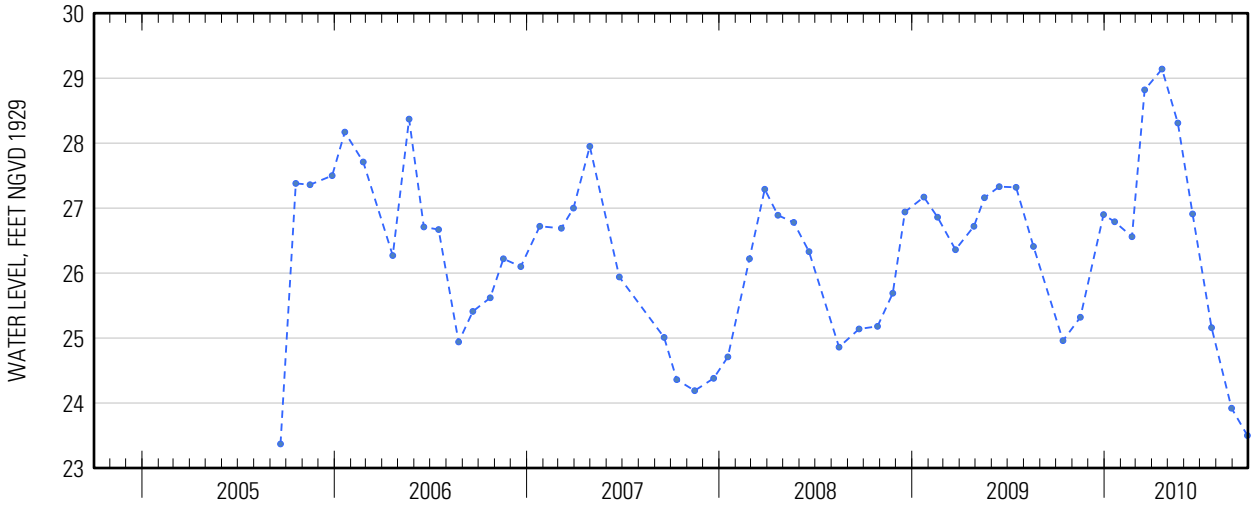
PERIOD OF RECORD.--January 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.14 ft above sea level, April 20, 2010; lowest measured, 23.37 ft above sea level, September 20, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 24.96 | Apr 20 | 29.14 |
| Nov 16 | 25.32 | May 20 | 28.31 |
| Dec 30 | 26.90 | Jun 17 | 26.91 |
| Jan 20 | 26.79 | Jul 23 | 25.16 |
| Feb 22 | 26.56 | Aug 30 | 23.92 |
| Mar 18 | 28.82 | Sep 29 | 23.50 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404435073171201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404435073171201.2010.pdf

Water-Data Report 2010

# 404442073240503 Local number S 1806. 3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

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

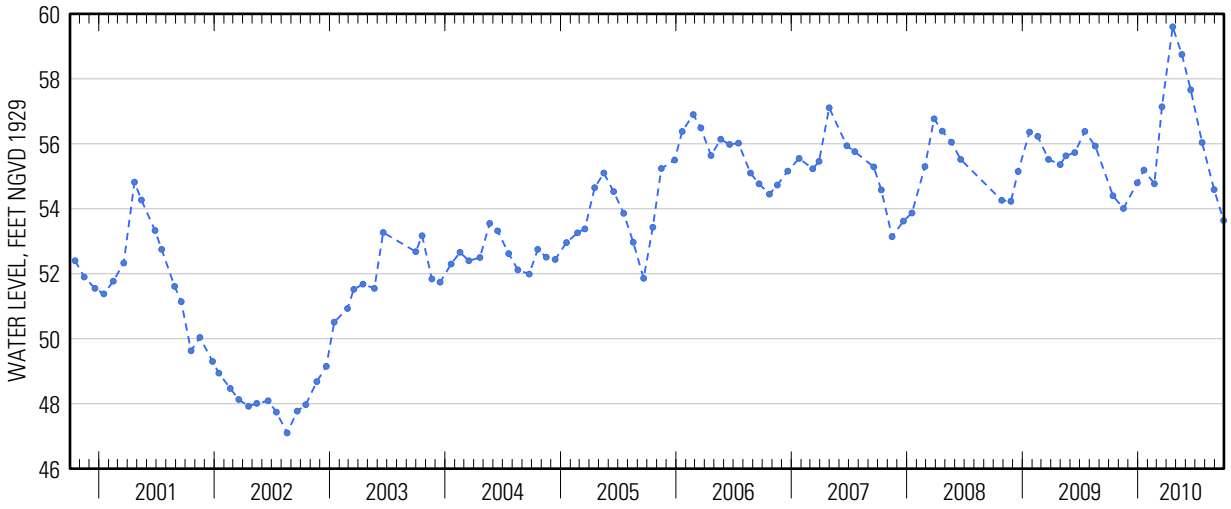
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 54.40 | Apr 21 | 59.60 |
| Nov 16 | 54.01 | May 20 | 58.75 |
| Dec 30 | 54.80 | Jun 17 | 57.66 |
| Jan 20 | 55.19 | Jul 23 | 56.04 |
| Feb 22 | 54.77 | Aug 30 | 54.59 |
| Mar 18 | 57.14 | Sep 29 | 53.64 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404442073240503, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404442073240503.2010.pdf

**404442073240503 Local number S 1806. 3—Continued**

Water-Data Report 2010

# 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.

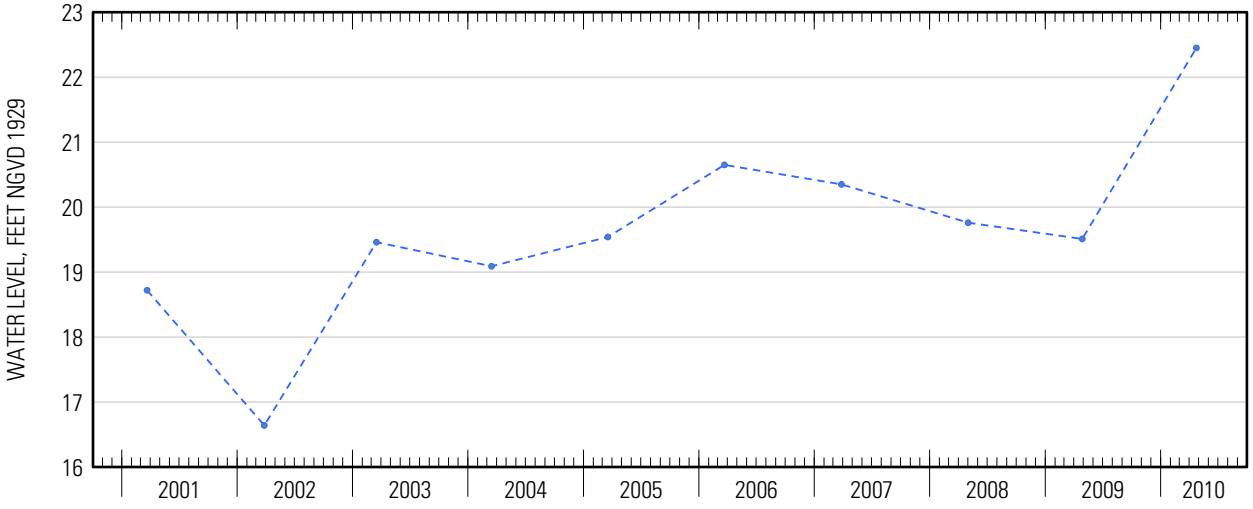
PERIOD OF RECORD.--May 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.45 ft above sea level, April 23, 2010; lowest measured, 16.64 ft above sea level, March 27, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 22.45 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404500073062101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404500073062101.2010.pdf

Water-Data Report 2010

# 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.

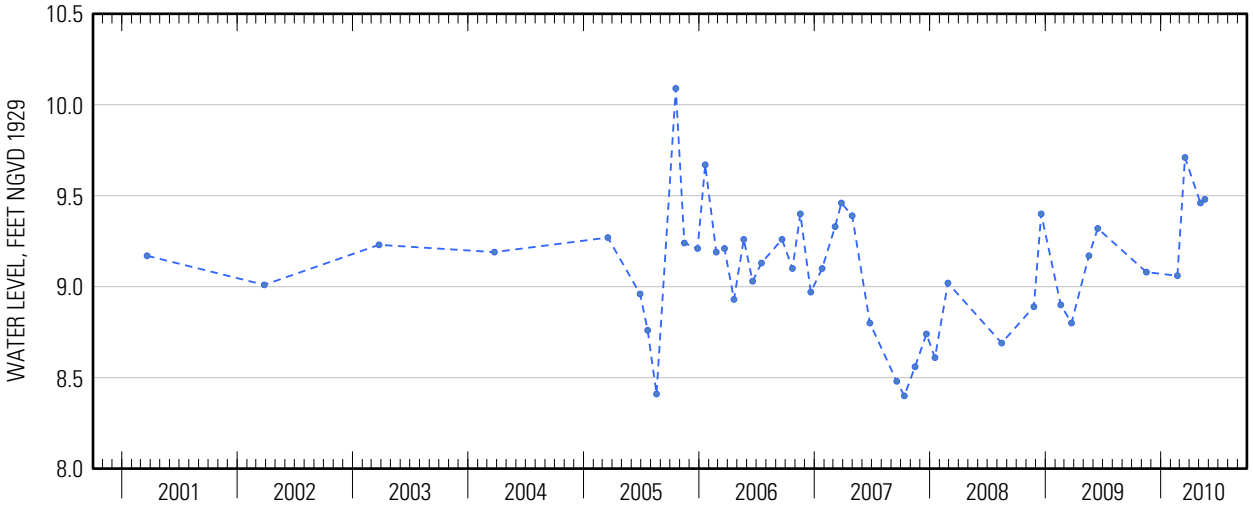
PERIOD OF RECORD.--June 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Nov 16 | 9.08 | May 6 | 9.46 |
| Feb 22 | 9.06 | 20 | 9.48 |
| Mar 18 | 9.71 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404508073080902, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404508073080902.2010.pdf

Water-Data Report 2010

# 404509073152301 Local number S 3516. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°45'10.8", long 73°15'21.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 37 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 60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.23 ft below land-surface datum.

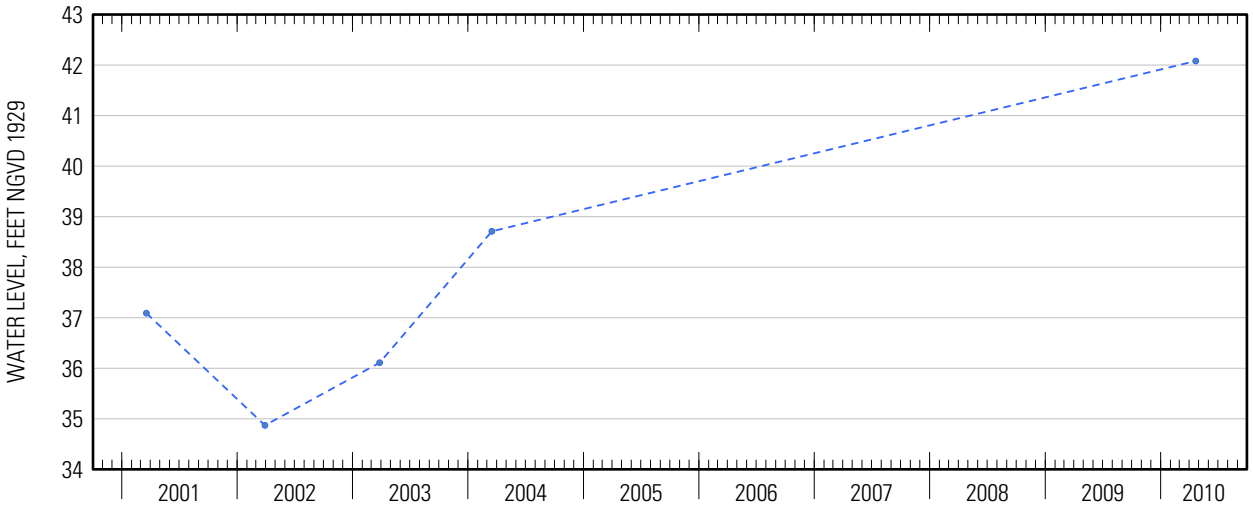
PERIOD OF RECORD.--April 1942 to March 2004 and April 2010.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 42.08 ft above sea level, April 21, 2010; lowest measured 31.74 ft above sea level, December 28, 1966 and January 25, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 42.08 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404509073152301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404509073152301.2010.pdf

Water-Data Report 2010

# 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.

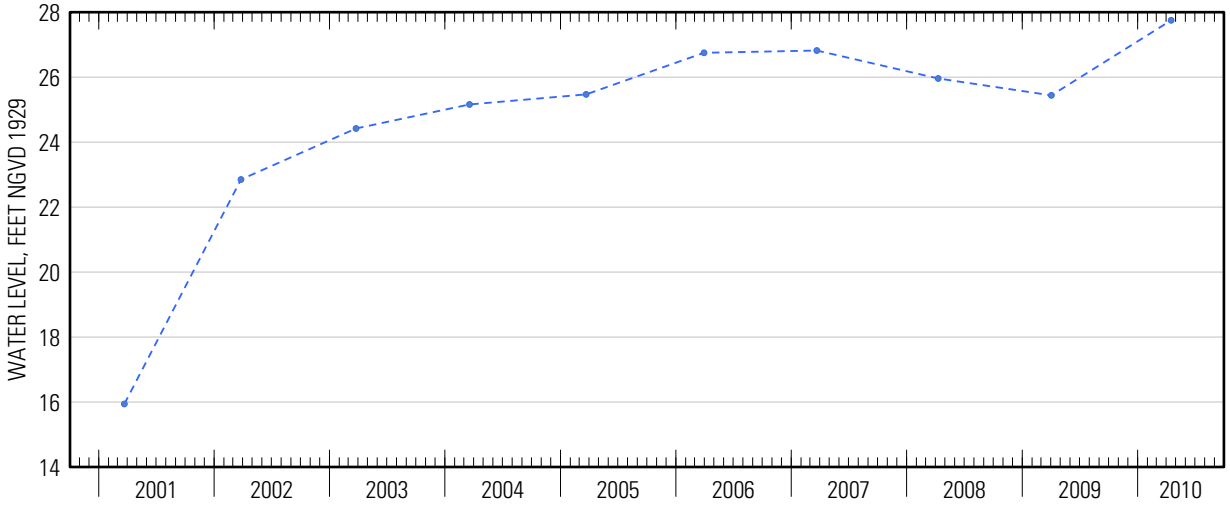
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.75 ft above sea level, April 16, 2010; lowest measured, 15.94 ft above sea level, March 22, 2001.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 27.75 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404524073044801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404524073044801.2010.pdf

Water-Data Report 2010

# 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.

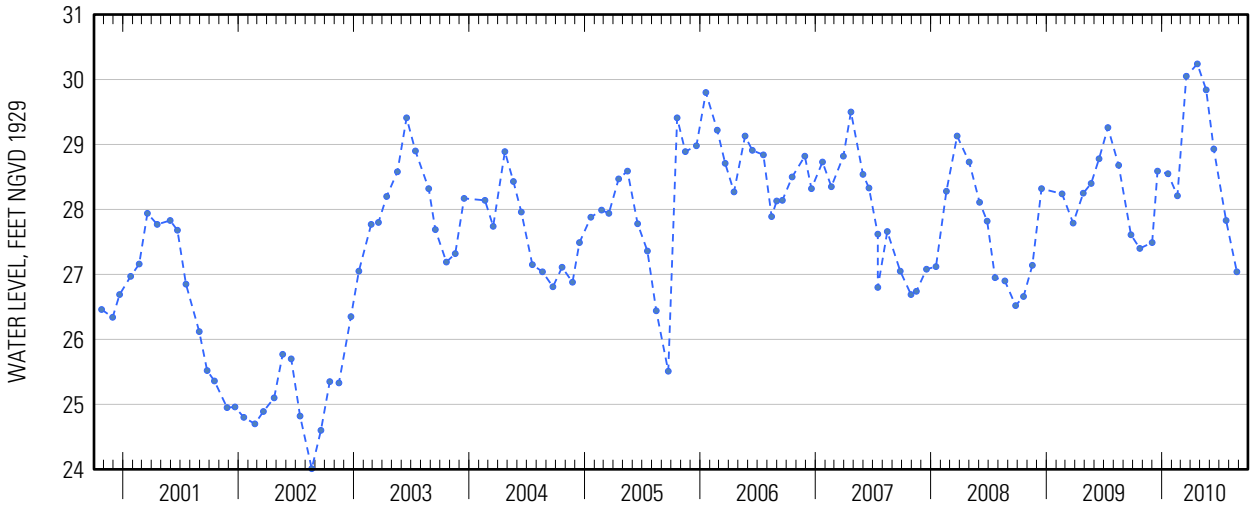
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.24 ft above sea level, April 23, 2010; lowest measured, 24.01 ft above sea level, August 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 27.40 | Apr 23 | 30.24 |
| Dec 1 | 27.49 | May 21 | 29.84 |
| 18 | 28.59 | Jun 14 | 28.93 |
| Jan 20 | 28.55 | Jul 23 | 27.83 |
| Feb 19 | 28.21 | Aug 26 | 27.04 |
| Mar 19 | 30.05 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404530073115104, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404530073115104.2010.pdf

Water-Data Report 2010

# 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.

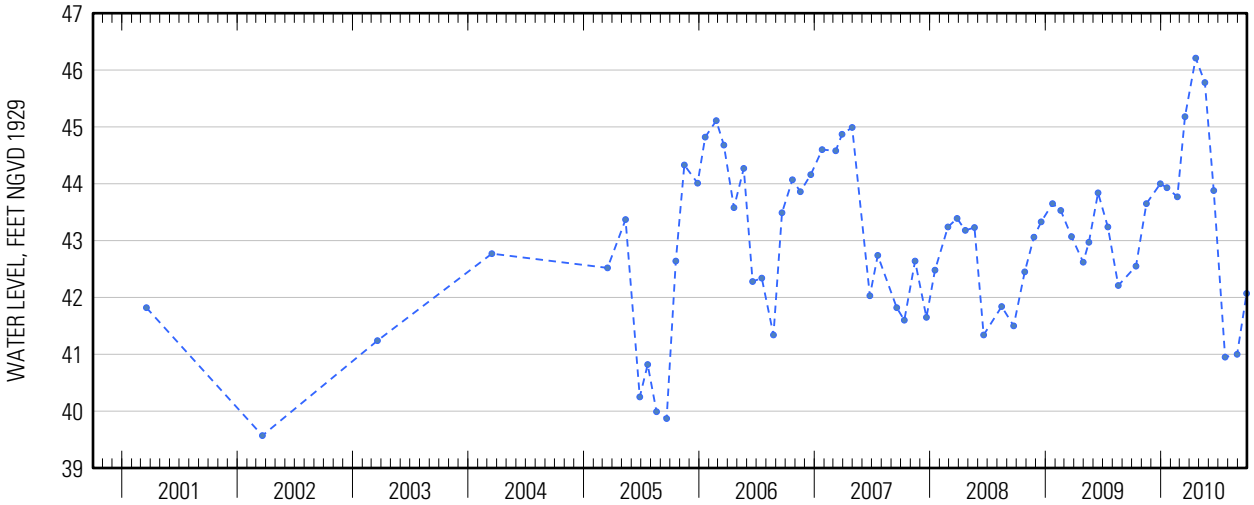
PERIOD OF RECORD.--June 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 42.55 | Apr 21 | 46.21 |
| Nov 16 | 43.65 | May 20 | 45.78 |
| Dec 30 | 44.00 | Jun 17 | 43.88 |
| Jan 20 | 43.93 | Jul 23 | 40.95 |
| Feb 22 | 43.77 | Aug 30 | 41.00 |
| Mar 18 | 45.18 | Sep 29 | 42.07 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404530073181102, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404530073181102.2010.pdf

Water-Data Report 2010

# 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.

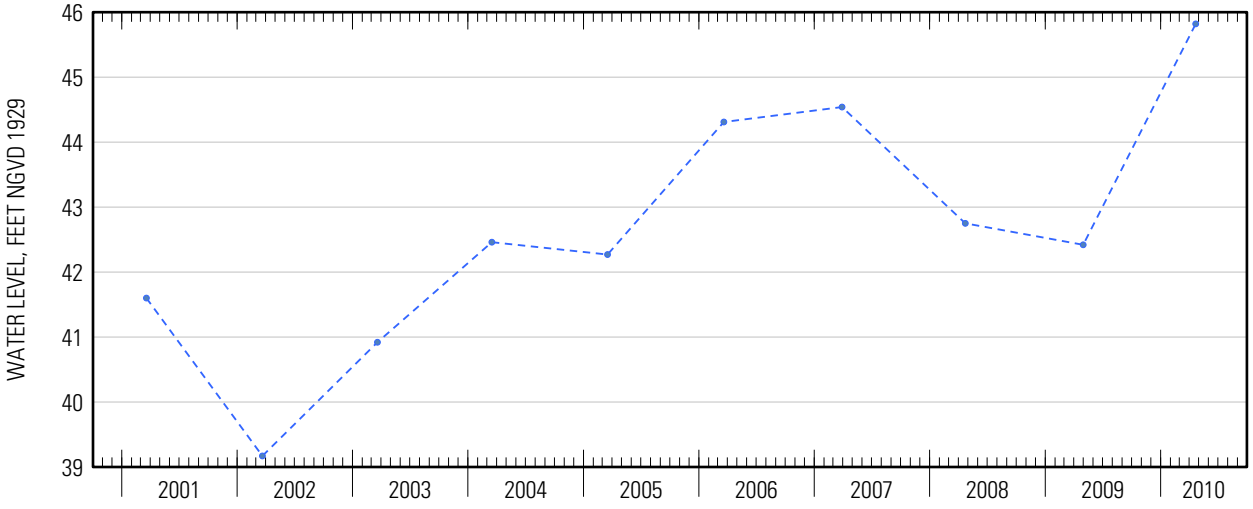
PERIOD OF RECORD.--June 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 45.82 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404530073181103, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404530073181103.2010.pdf

Water-Data Report 2010

# 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.

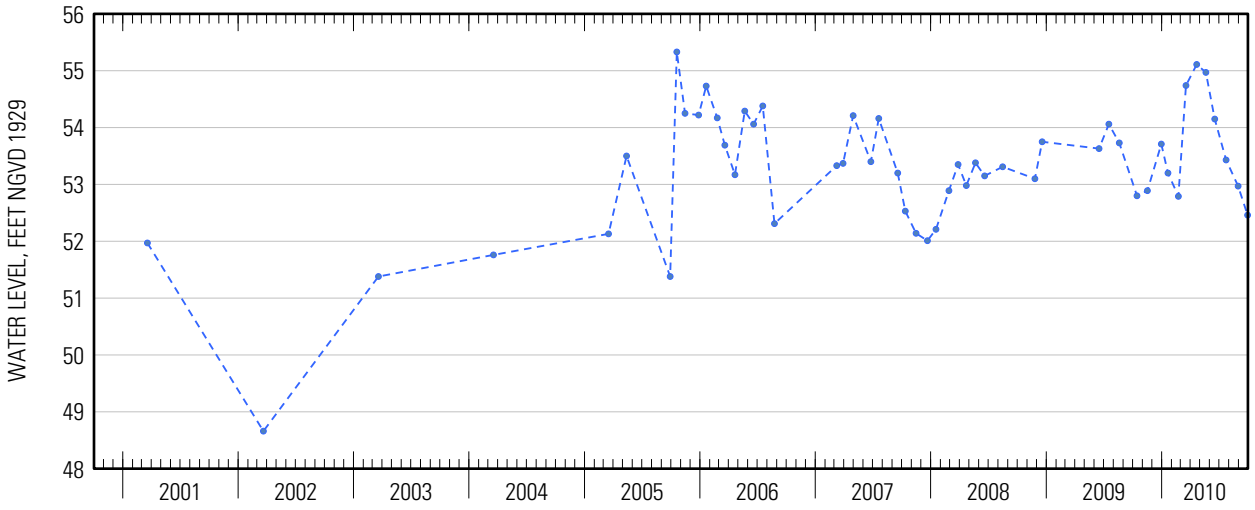
PERIOD OF RECORD.--September 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 52.80 | Apr 21 | 55.11 |
| Nov 16 | 52.89 | May 20 | 54.97 |
| Dec 30 | 53.71 | Jun 17 | 54.15 |
| Jan 20 | 53.20 | Jul 23 | 53.43 |
| Feb 22 | 52.79 | Aug 30 | 52.97 |
| Mar 18 | 54.74 | Sep 29 | 52.46 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404530073181105, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404530073181105.2010.pdf

Water-Data Report 2010

# 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.

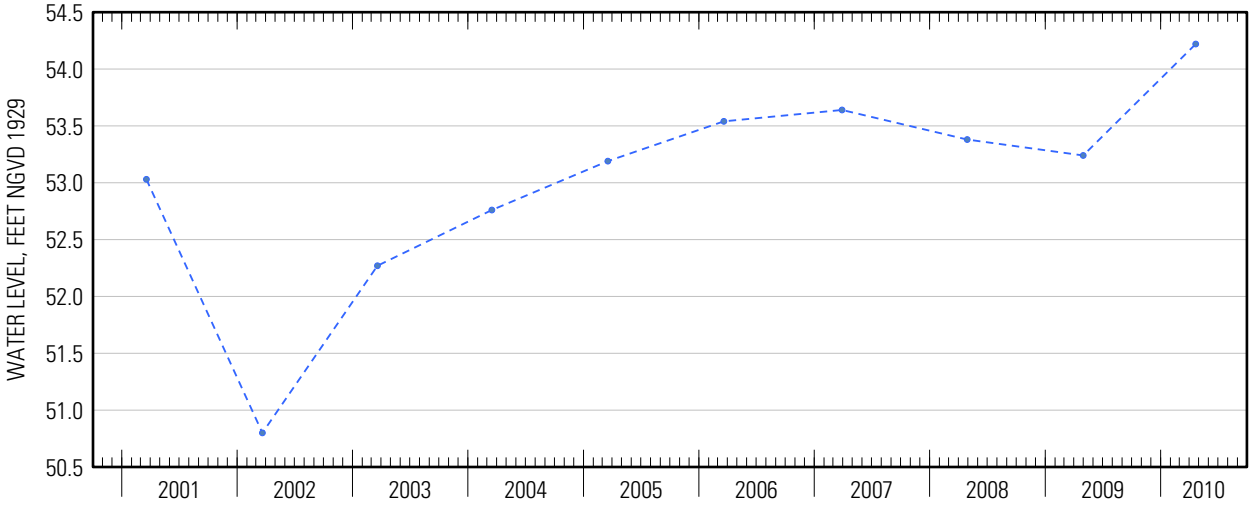
PERIOD OF RECORD.--January 1958 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 54.22 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404540073211001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404540073211001.2010.pdf

Water-Data Report 2010

# 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.

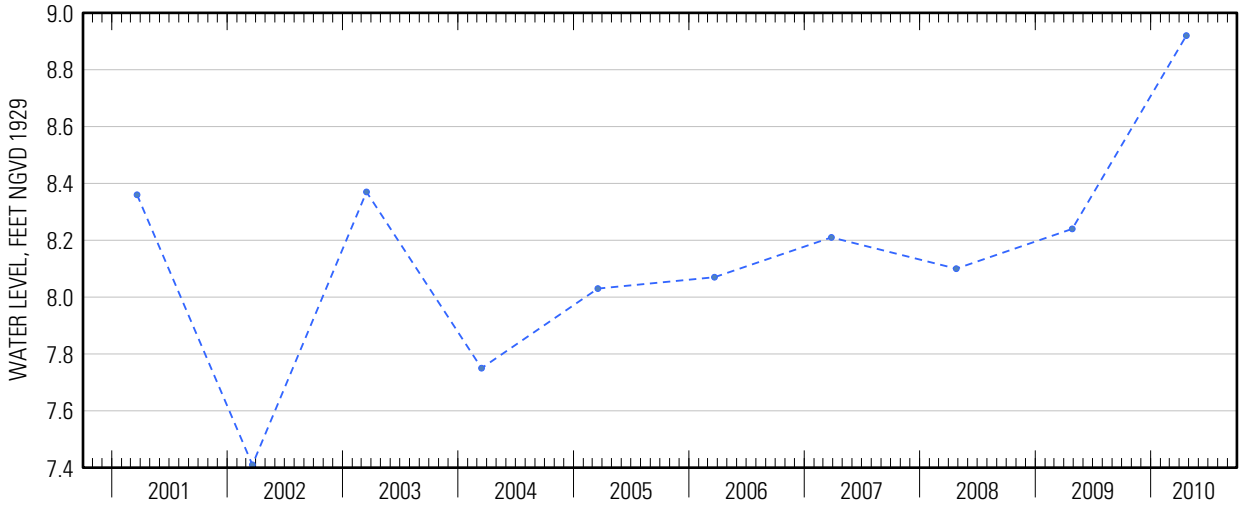
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 8.92 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404607072594701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404607072594701.2010.pdf

Water-Data Report 2010

# 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.

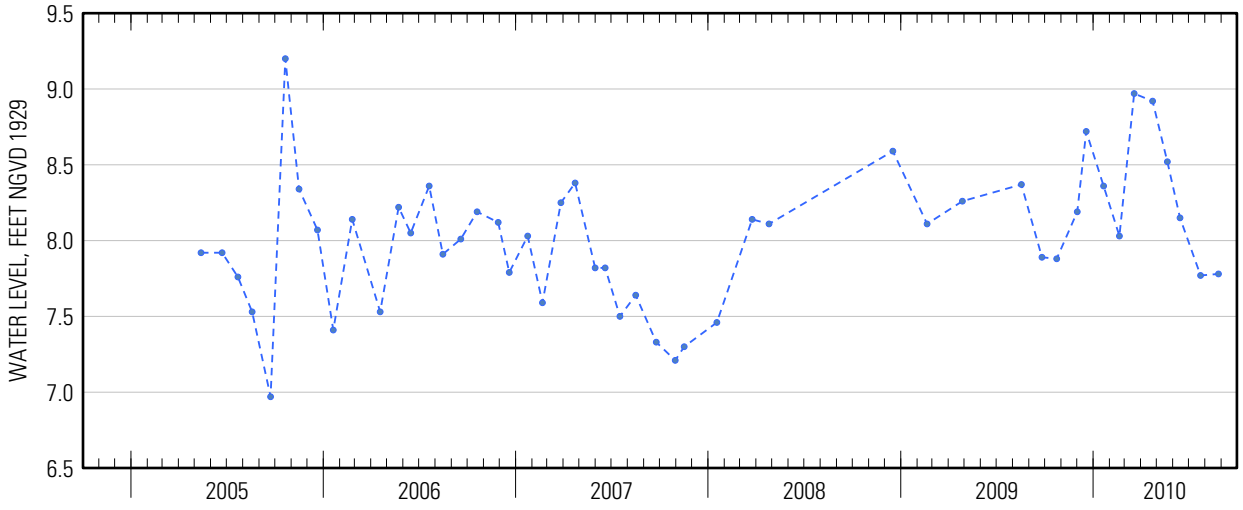
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 7.88 | Apr 23 | 8.92 |
| Dec 1 | 8.19 | May 21 | 8.52 |
| 18 | 8.72 | Jun 14 | 8.15 |
| Jan 20 | 8.36 | Jul 23 | 7.77 |
| Feb 19 | 8.03 | Aug 26 | 7.78 |
| Mar 19 | 8.97 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404607072594702, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404607072594702.2010.pdf

Water-Data Report 2010

# 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.

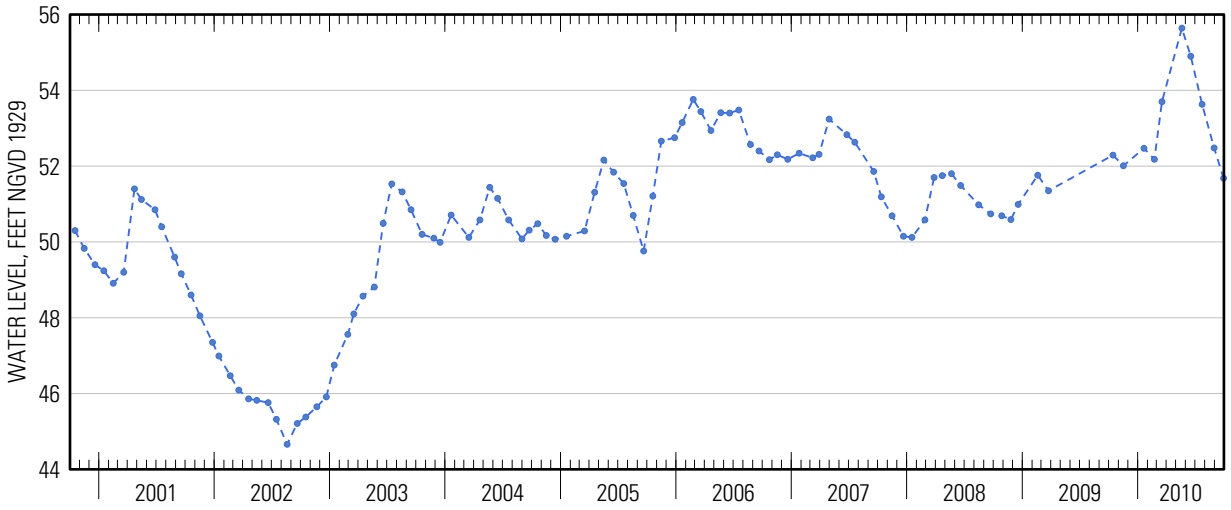
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 52.29 | May 20 | 55.64 |
| Nov 16 | 52.01 | Jun 17 | 54.90 |
| Jan 20 | 52.47 | Jul 23 | 53.63 |
| Feb 22 | 52.18 | Aug 30 | 52.48 |
| Mar 18 | 53.70 | Sep 29 | 51.68 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404614073164404, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404614073164404.2010.pdf

Water-Data Report 2010

# 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.

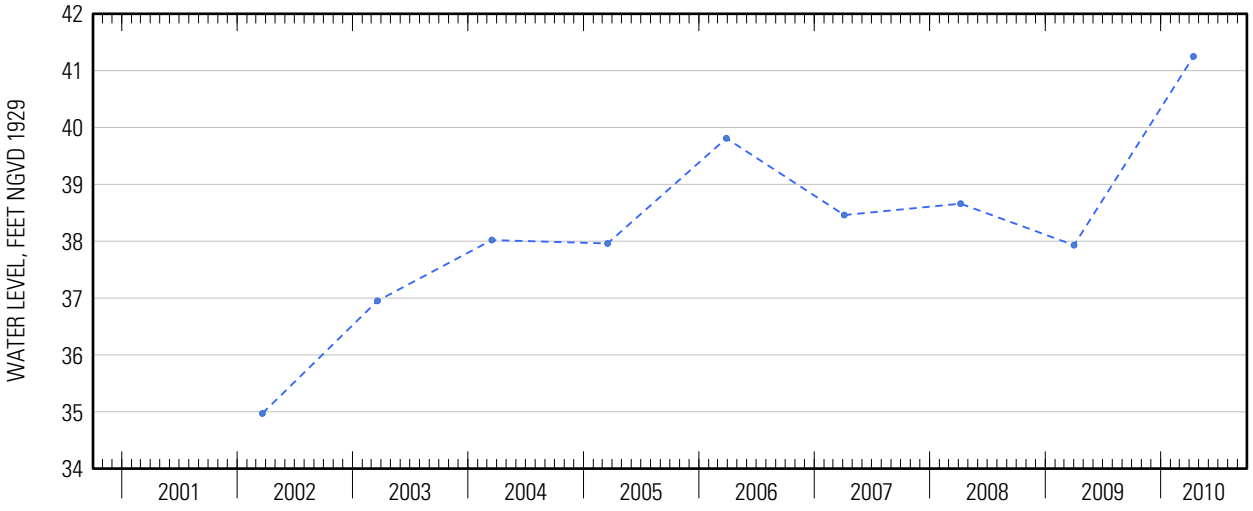
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.25 ft above sea level, April 14, 2010; lowest measured, 34.97 ft above sea level, March 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 41.25 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404632073070802, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404632073070802.2010.pdf

Water-Data Report 2010

# 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.

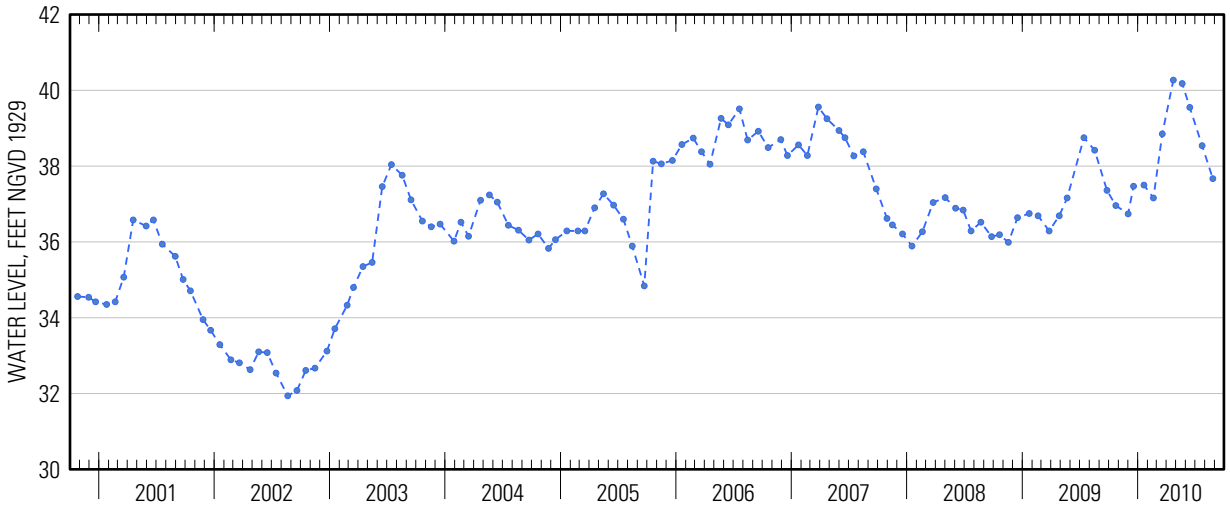
PERIOD OF RECORD.--October 1969 to current year. Unpublished records from October 1969 to September 1977 are available in files of the U.S. Geological Survey.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 36.96 | Apr 23 | 40.27 |
| Dec 1 | 36.74 | May 21 | 40.18 |
| 18 | 37.47 | Jun 14 | 39.55 |
| Jan 20 | 37.50 | Jul 23 | 38.54 |
| Feb 19 | 37.16 | Aug 26 | 37.67 |
| Mar 19 | 38.85 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404640073050201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404640073050201.2010.pdf

Water-Data Report 2010

# 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.

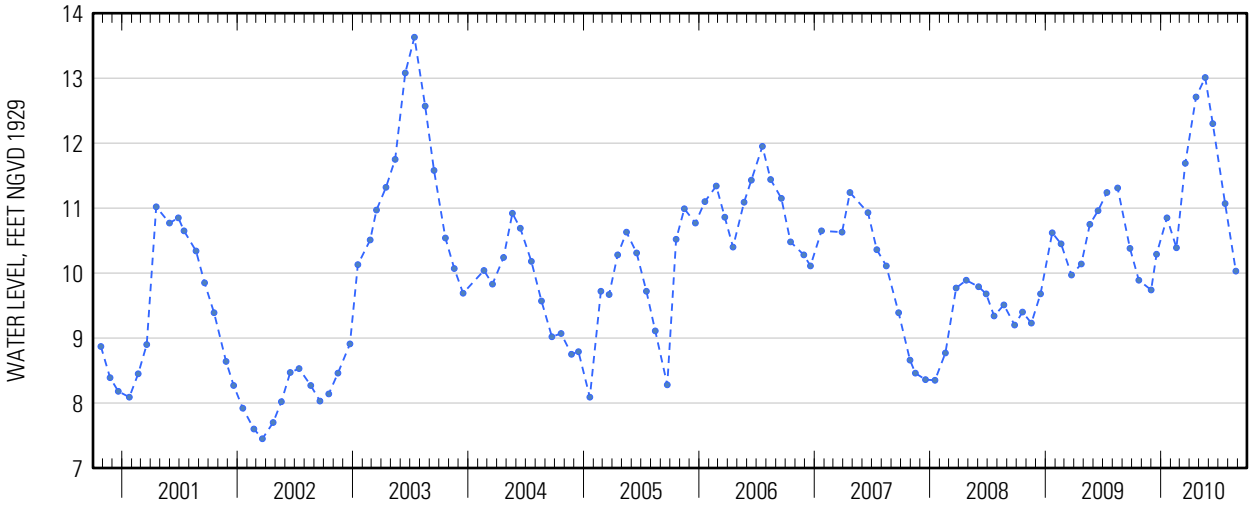
PERIOD OF RECORD.--July 1975 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 9.89 | Apr 22 | 12.71 |
| Dec 1 | 9.74 | May 21 | 13.01 |
| 18 | 10.29 | Jun 14 | 12.30 |
| Jan 20 | 10.85 | Jul 23 | 11.07 |
| Feb 19 | 10.39 | Aug 26 | 10.03 |
| Mar 19 | 11.69 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404642072520001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404642072520001.2010.pdf

Water-Data Report 2010

# 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.

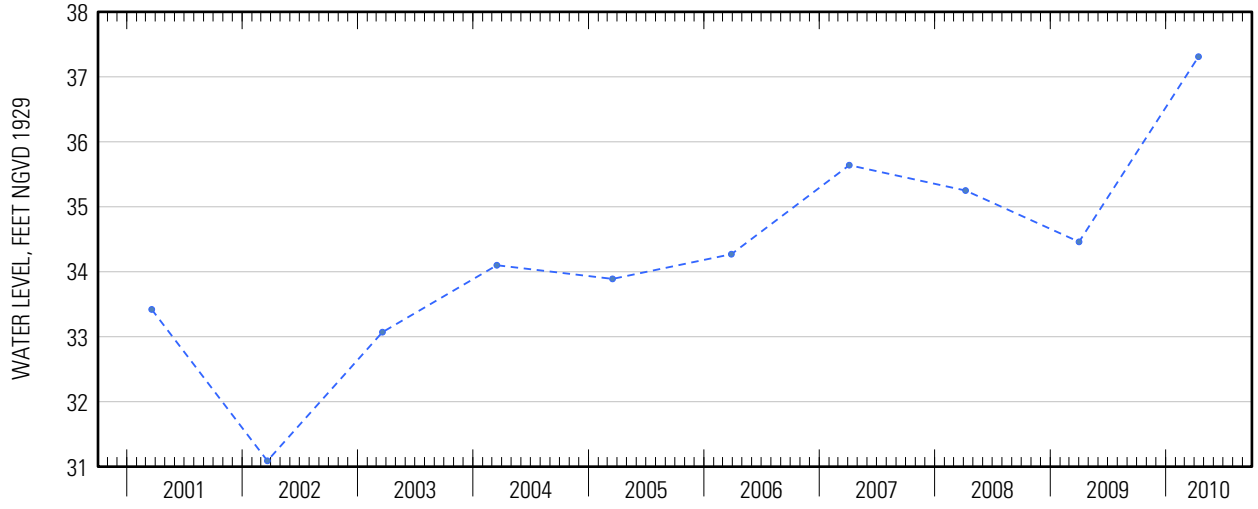
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.31 ft above sea level, April 14, 2010; lowest measured, 28.94 ft above sea level, April 6, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 37.31 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404652073120301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404652073120301.2010.pdf

Water-Data Report 2010

# 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.

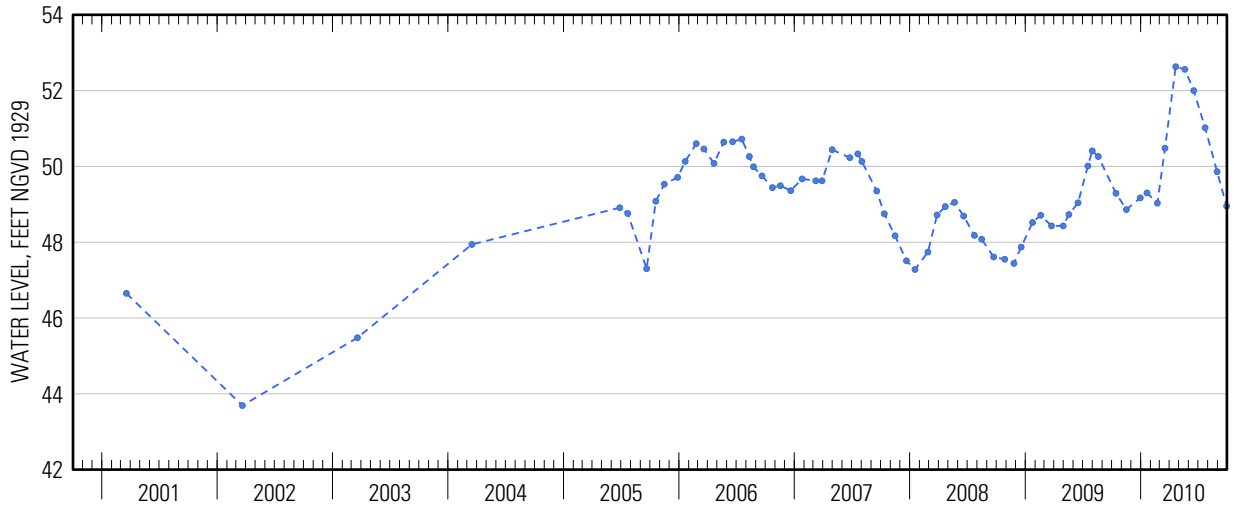
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.63 ft above sea level, April 21, 2010; lowest measured, 43.69 ft above sea level, March 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 49.29 | Apr 21 | 52.63 |
| Nov 16 | 48.86 | May 20 | 52.56 |
| Dec 30 | 49.17 | Jun 17 | 52.00 |
| Jan 20 | 49.30 | Jul 23 | 51.02 |
| Feb 22 | 49.03 | Aug 30 | 49.86 |
| Mar 18 | 50.48 | Sep 29 | 48.95 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404659073141801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404659073141801.2010.pdf

Water-Data Report 2010

# 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.

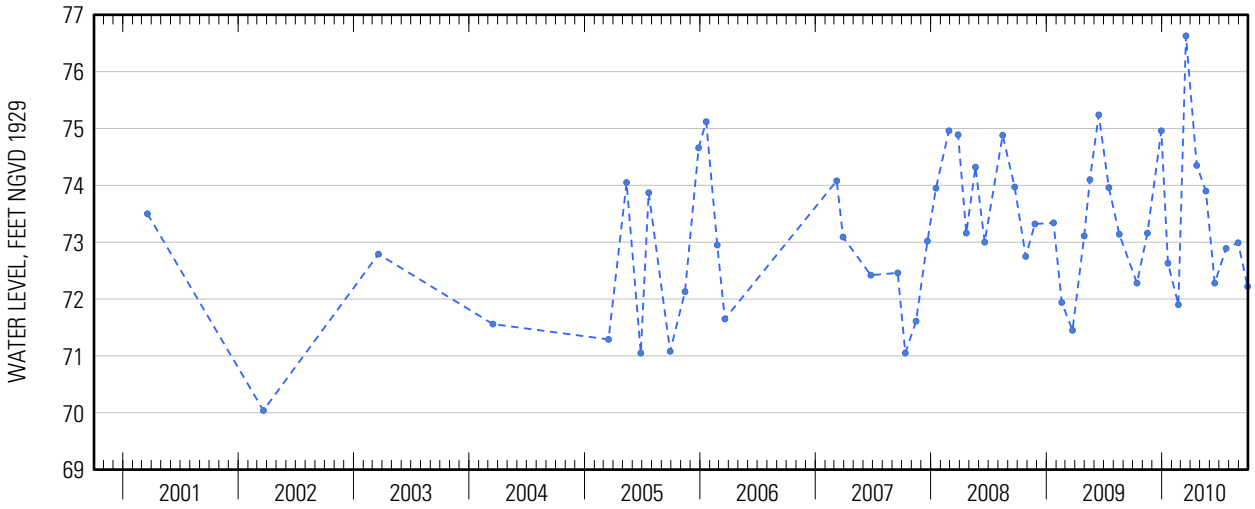
PERIOD OF RECORD.--March 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.63 ft above sea level, March 18, 2010; lowest measured, 68.83 ft above sea level, September 17, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 72.28 | Apr 21 | 74.35 |
| Nov 16 | 73.16 | May 20 | 73.90 |
| Dec 30 | 74.96 | Jun 17 | 72.28 |
| Jan 20 | 72.63 | Jul 23 | 72.89 |
| Feb 22 | 71.90 | Aug 30 | 72.99 |
| Mar 18 | 76.63 | Sep 29 | 72.22 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404659073202001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404659073202001.2010.pdf

Water-Data Report 2010

# 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.

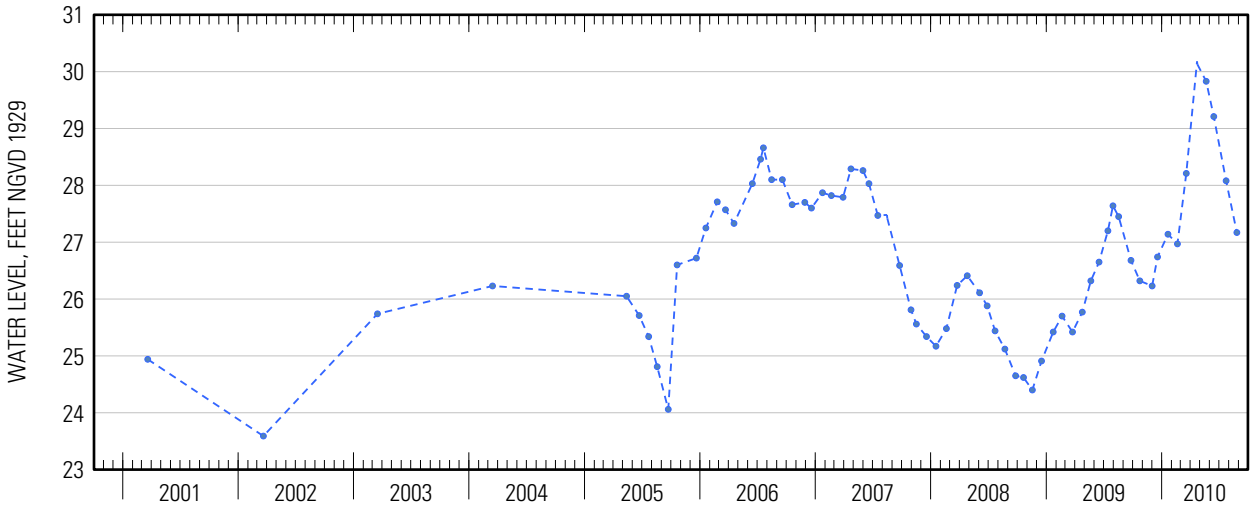
PERIOD OF RECORD.--October 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 26.32 | Apr 22 | 30.18 |
| Dec 1 | 26.23 | 23 | 30.13 |
| 18 | 26.74 | May 21 | 29.83 |
| Jan 20 | 27.14 | Jun 14 | 29.21 |
| Feb 19 | 26.97 | Jul 23 | 28.08 |
| Mar 19 | 28.21 | Aug 26 | 27.17 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404713072575701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404713072575701.2010.pdf

Water-Data Report 2010

# 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.

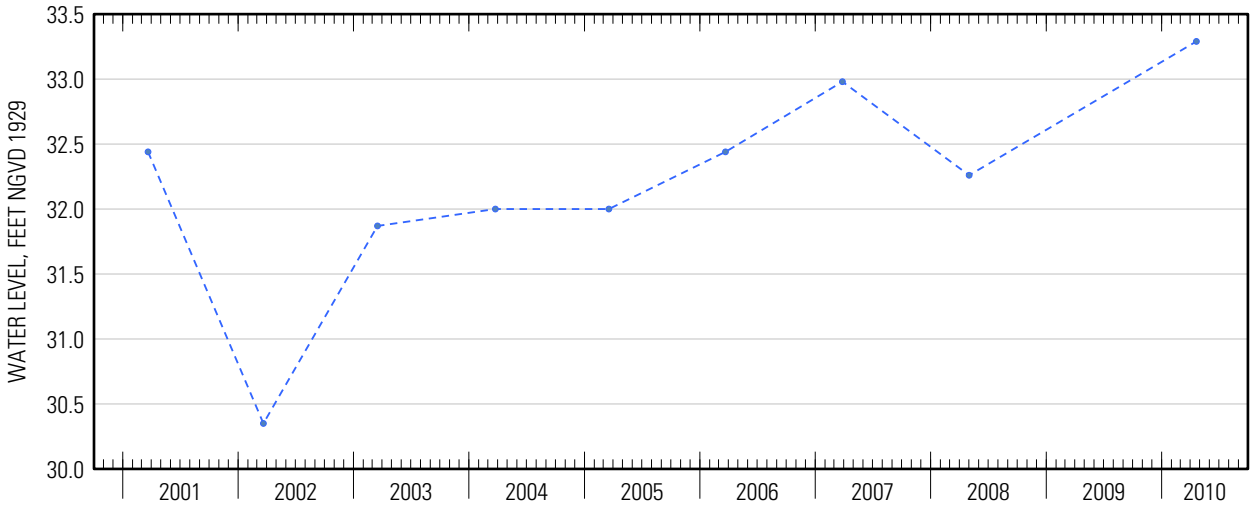
PERIOD OF RECORD.--January 1976 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 33.29 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404722073093401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404722073093401.2010.pdf

Water-Data Report 2010

# 404737073112303 Local number S 1814. 3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

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

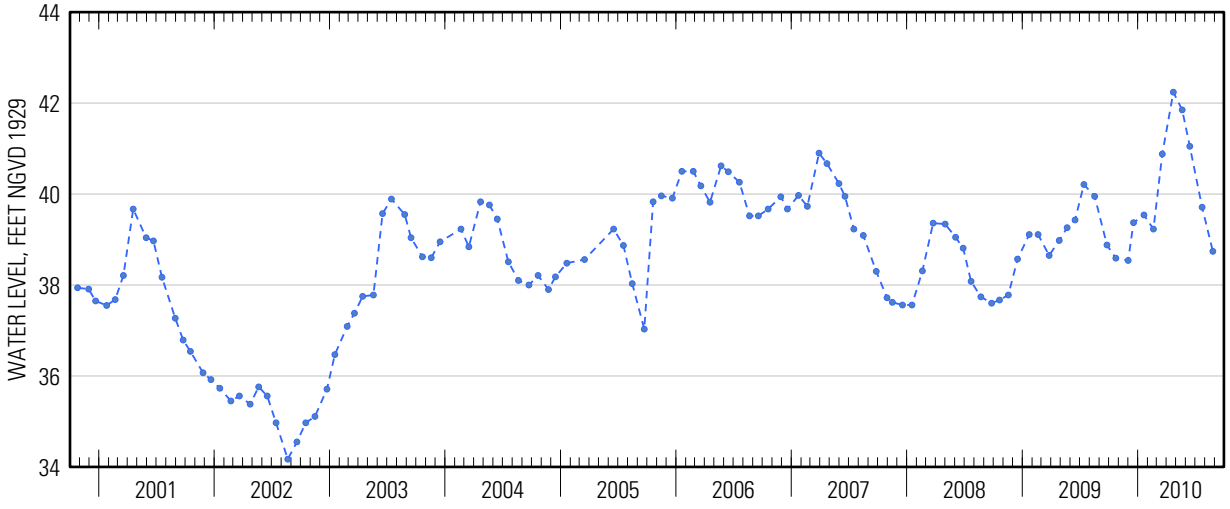
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 38.59 | Apr 23 | 42.24 |
| Dec 1 | 38.54 | May 21 | 41.85 |
| 18 | 39.37 | Jun 14 | 41.05 |
| Jan 20 | 39.54 | Jul 23 | 39.71 |
| Feb 19 | 39.23 | Aug 26 | 38.74 |
| Mar 19 | 40.88 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404737073112303, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404737073112303.2010.pdf

Water-Data Report 2010

# 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, 0.94 ft below land-surface datum.

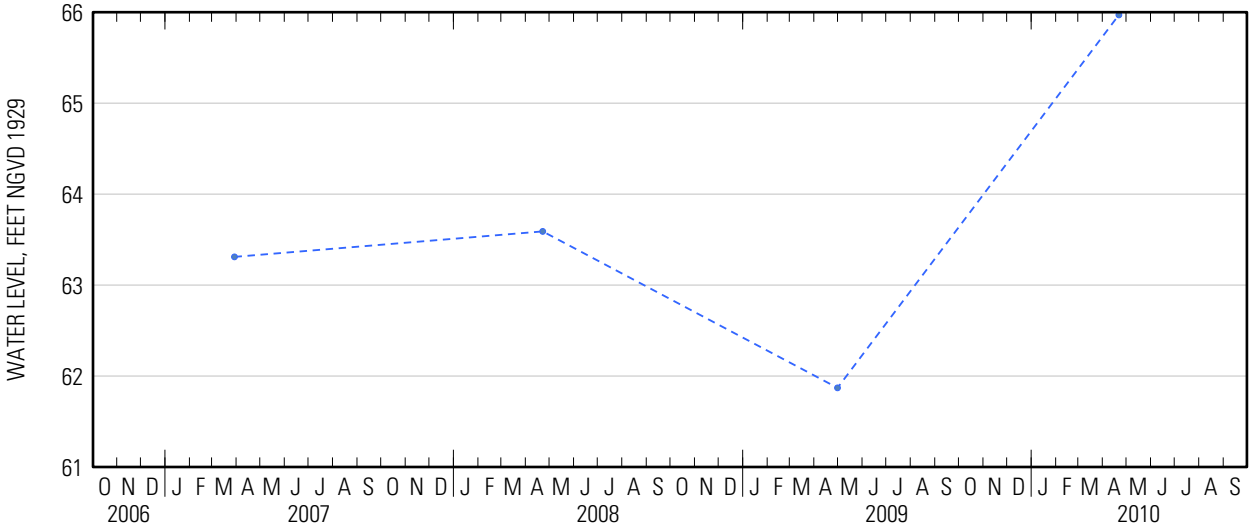
PERIOD OF RECORD.--March 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 65.97 ft above sea level, April 21, 2010; lowest measured, 61.87 ft above sea level, April 30, 2009.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 65.97 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404740073175301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404740073175301.2010.pdf

Water-Data Report 2010

# 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.

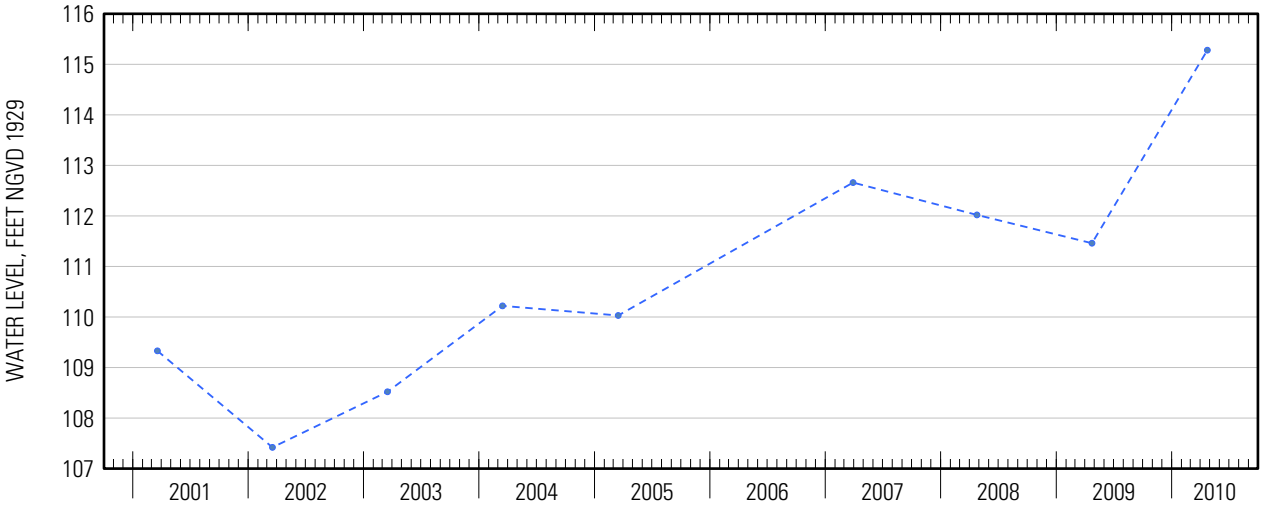
PERIOD OF RECORD.--March 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 115.28 ft above sea level, April 23, 2010; lowest measured, 106.62 ft above sea level, March 18, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 115.28 |



Water-Data Report 2010

# 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.

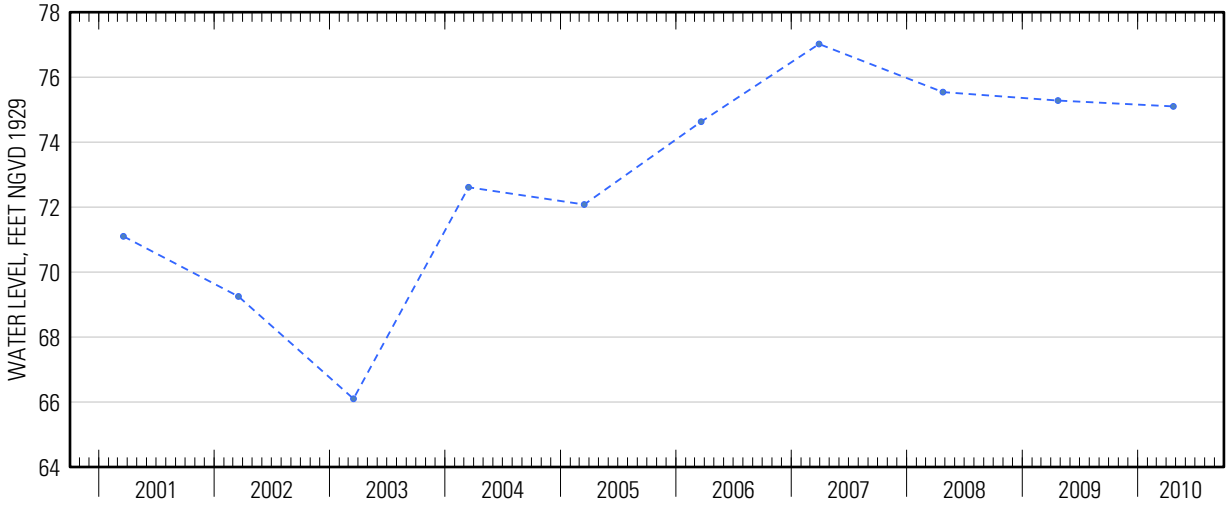
PERIOD OF RECORD.--March 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 75.10 |



Water-Data Report 2010

# 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, 0.38 ft below land-surface datum.

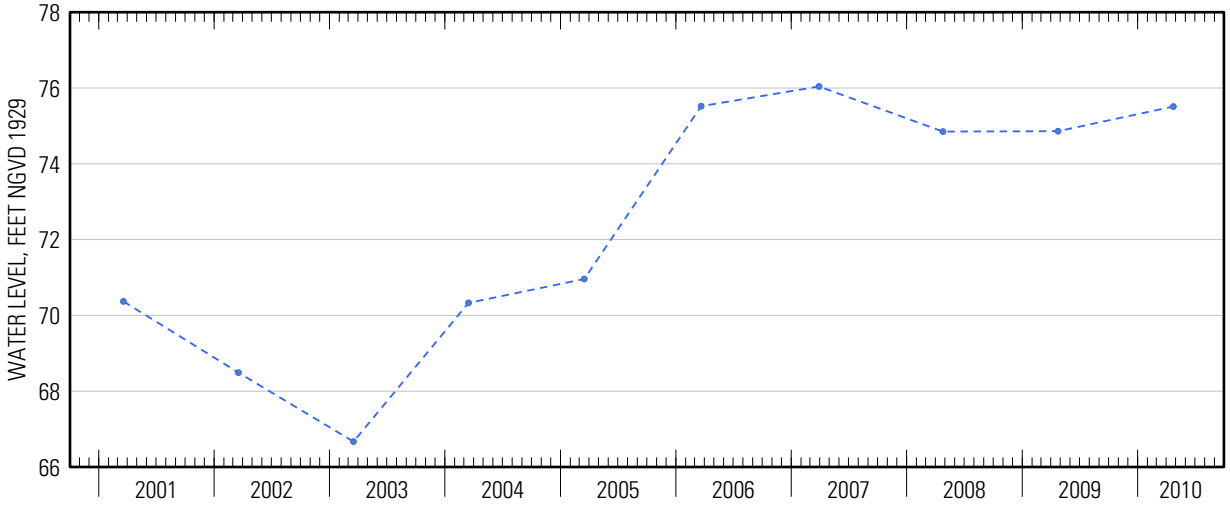
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 78.47 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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 75.51 |



Water-Data Report 2010

# 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.

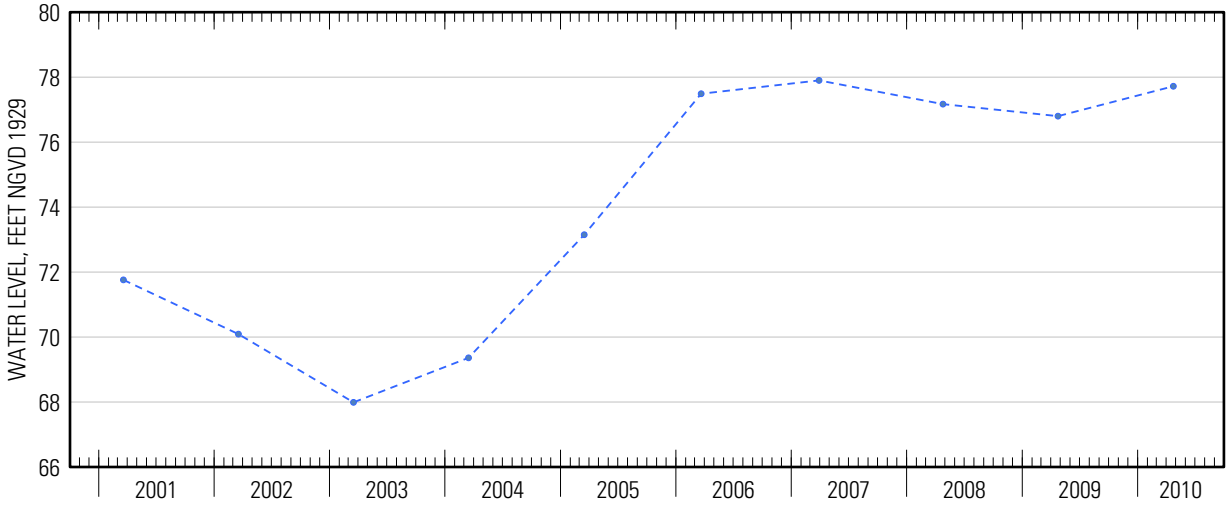
PERIOD OF RECORD.--March 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 77.72 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404750073225304, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404750073225304.2010.pdf

Water-Data Report 2010

# 404751073240903 Local number S 16874. 3

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°47'51.0", long 73°24'08.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 87.25 ft. Upper casing diameter 2 in; top of first opening 77.25 ft, bottom of last opening 82.25 ft.

DATUM.--Land-surface datum is 138 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

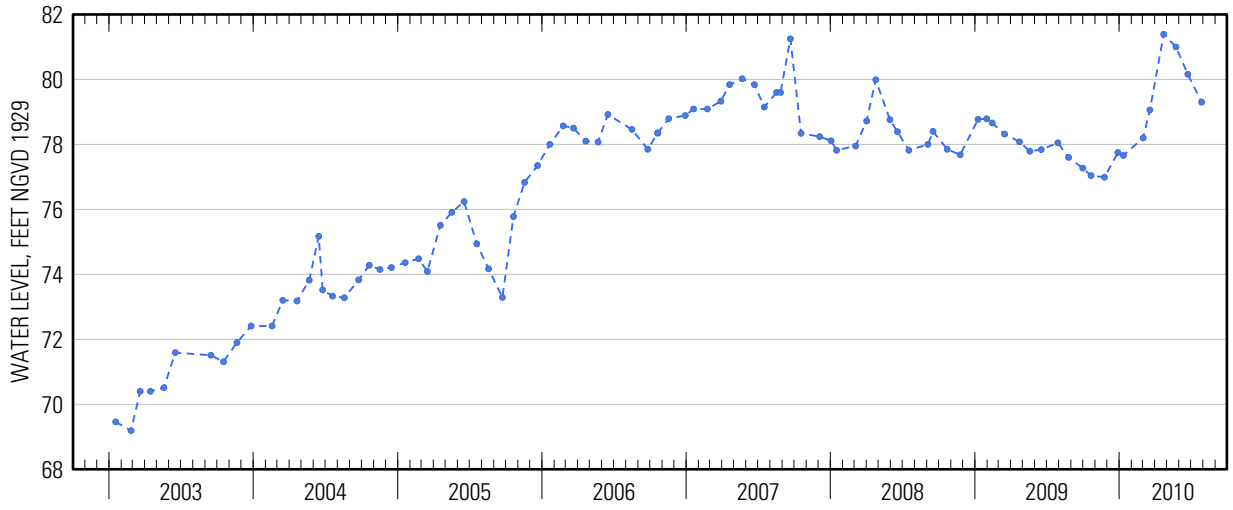
PERIOD OF RECORD.--January 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 81.39 ft above sea level, April 23, 2010; lowest measured 69.19 ft above sea level, February 25, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 77.04 | Mar 19 | 79.06 |
| Nov 24 | 76.99 | Apr 23 | 81.39 |
| Dec 28 | 77.75 | May 24 | 81.00 |
| Jan 11 | 77.66 | Jun 23 | 80.16 |
| Mar 2 | 78.20 | Jul 28 | 79.30 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404751073240903, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404751073240903.2010.pdf

Water-Data Report 2010

# 404759073251703 Local number S 95965. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

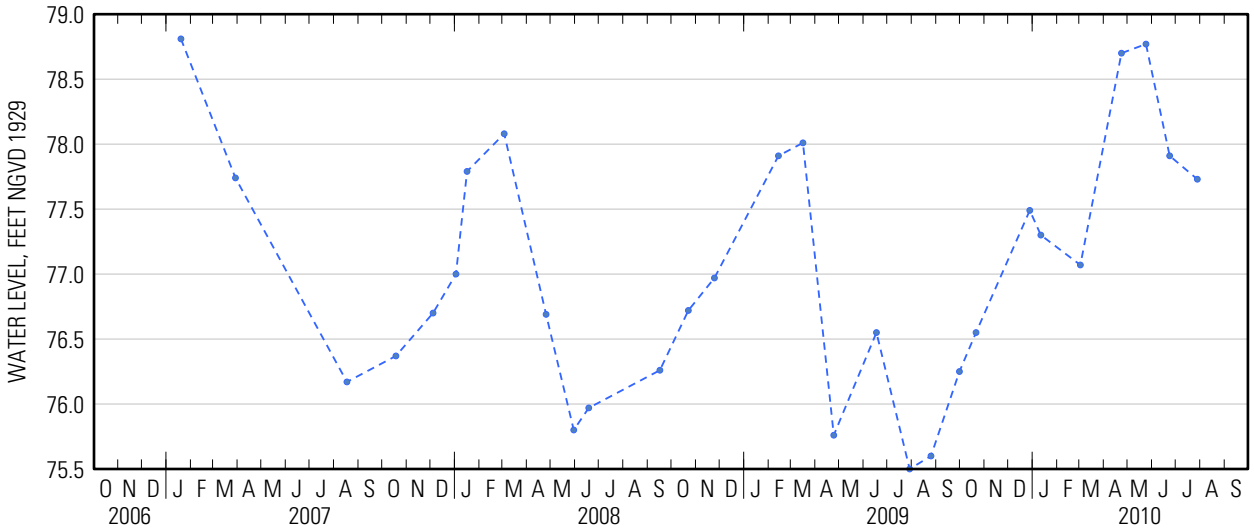
PERIOD OF RECORD.--January 2007 to current year.

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

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

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 76.55 | Apr 23 | 78.70 |
| Dec 28 | 77.49 | May 24 | 78.77 |
| Jan 11 | 77.30 | Jun 23 | 77.91 |
| Mar 2 | 77.07 | Jul 28 | 77.73 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404759073251703, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404759073251703.2010.pdf

Water-Data Report 2010

# 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.

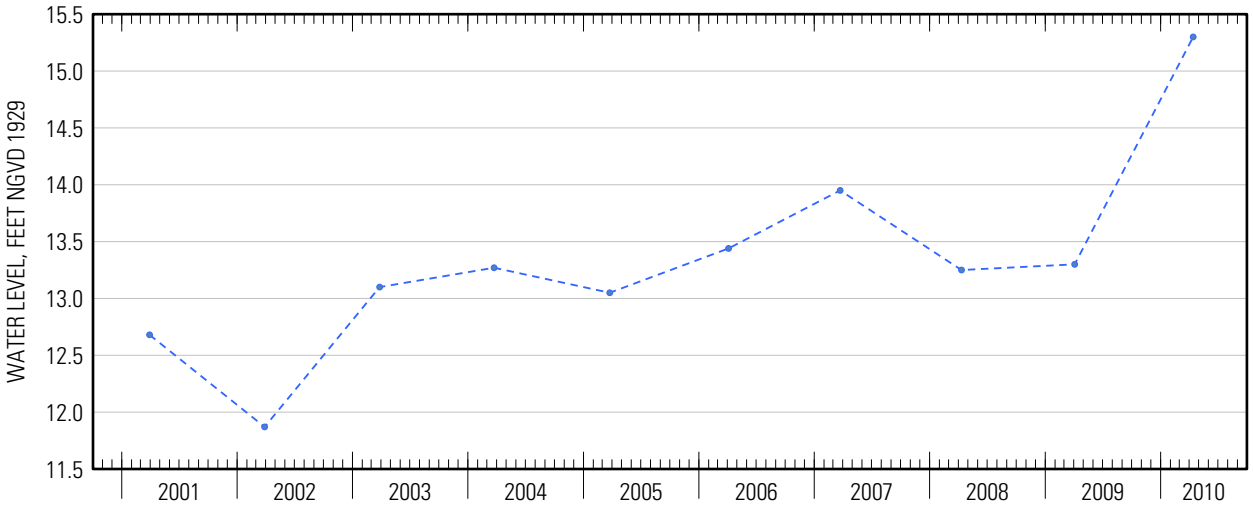
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.30 ft above sea level, April 13, 2010; lowest measured, 11.41 ft above sea level, April 12, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 13 | 15.30 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404804072484101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404804072484101.2010.pdf

Water-Data Report 2010

# 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.

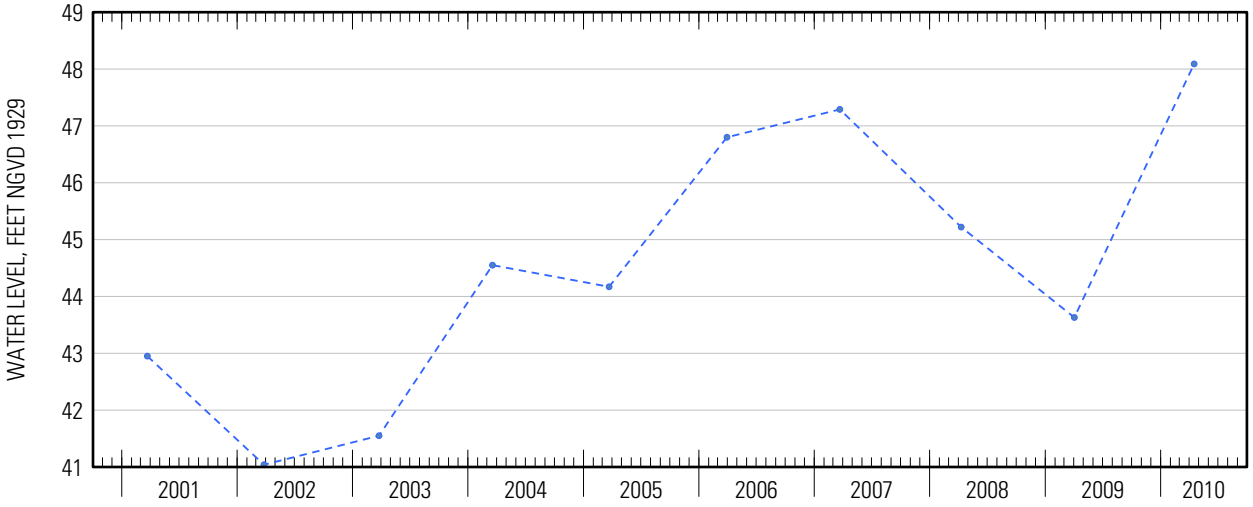
PERIOD OF RECORD.--March 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 48.09 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404804073051300, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404804073051300.2010.pdf

Water-Data Report 2010

# 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.

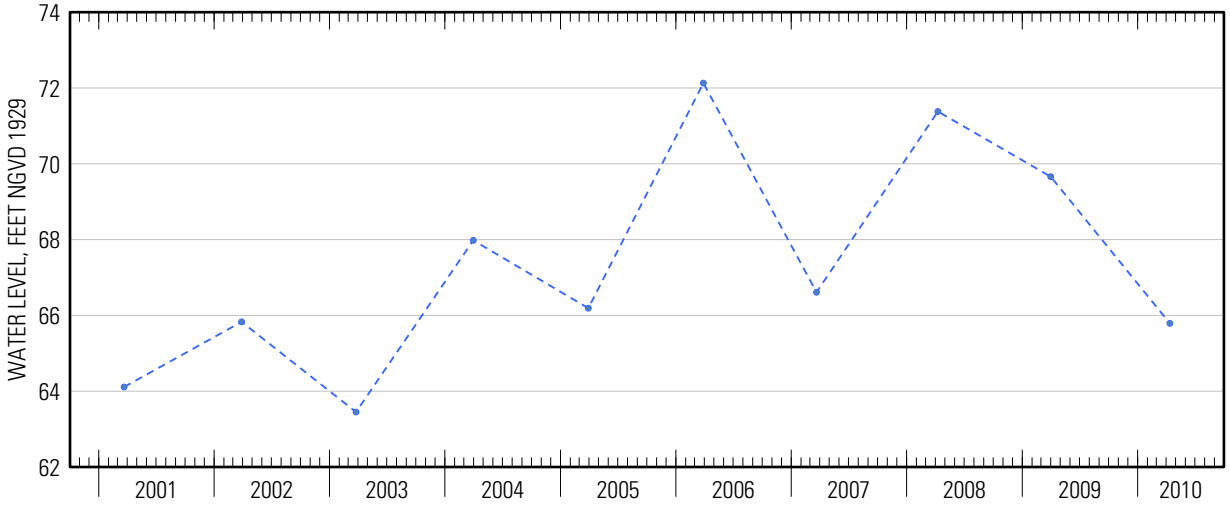
PERIOD OF RECORD.--March 1976 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 12 | 65.79 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404804073204401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404804073204401.2010.pdf

Water-Data Report 2010

# 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.

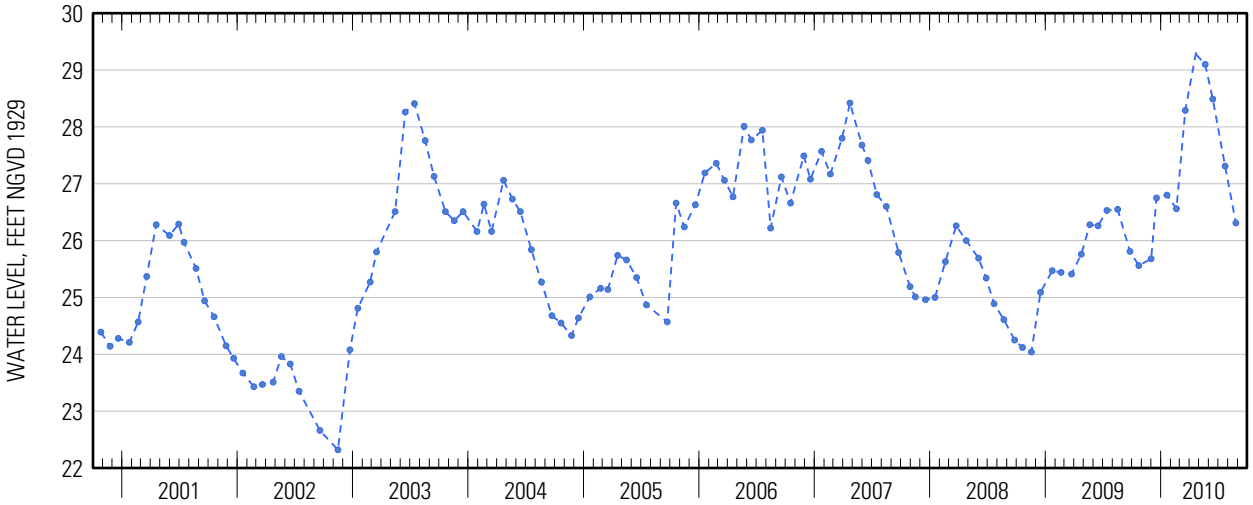
PERIOD OF RECORD.--December 1975 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 25.56 | Apr 22 | 29.31 |
| Dec 1 | 25.68 | 23 | 29.27 |
| 18 | 26.75 | May 21 | 29.10 |
| Jan 20 | 26.80 | Jun 14 | 28.49 |
| Feb 19 | 26.56 | Jul 23 | 27.31 |
| Mar 19 | 28.29 | Aug 26 | 26.31 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404806072553802, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404806072553802.2010.pdf

Water-Data Report 2010

# 404807072590801 Local number S 71785. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

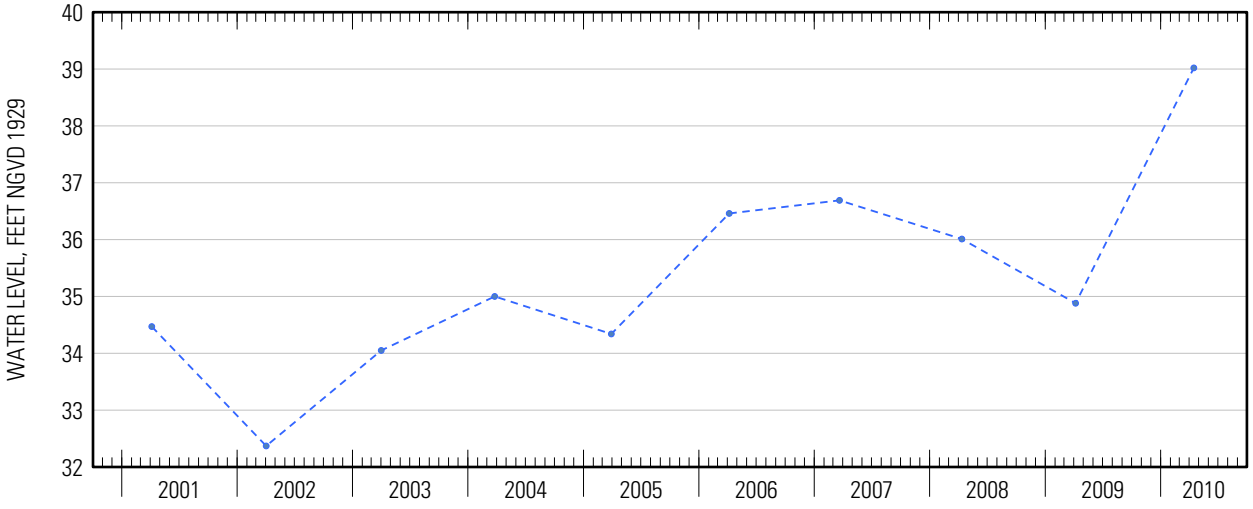
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.02 ft above sea level, April 15, 2010; lowest measured, 32.37 ft above sea level, April 2, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 15 | 39.02 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404807072590801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404807072590801.2010.pdf

Water-Data Report 2010

# 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.

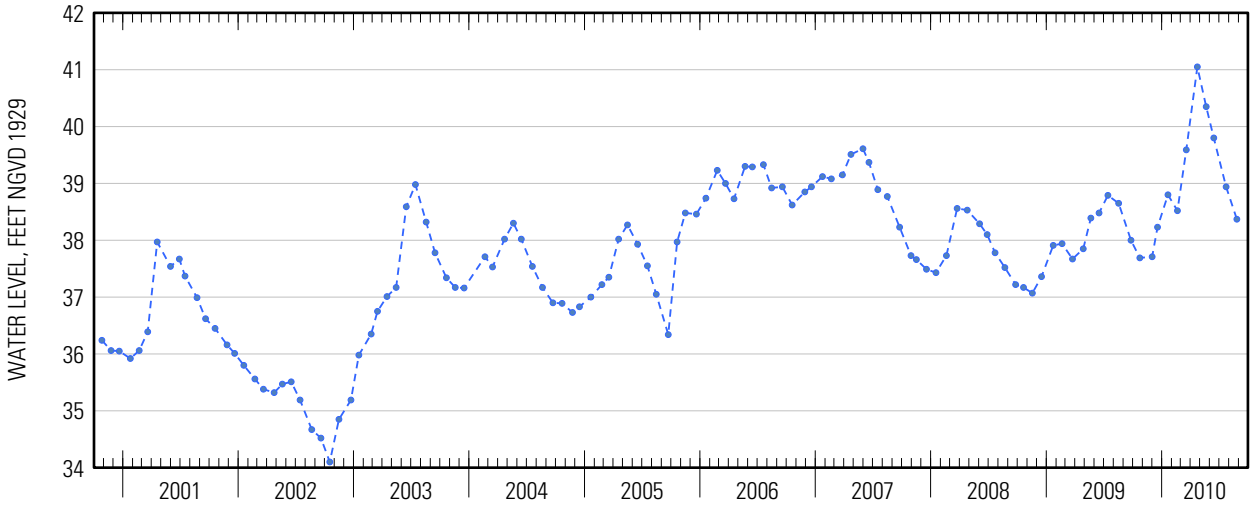
PERIOD OF RECORD.--January 1907 to current year. Unpublished records from January 1907 to July 1909 and April 1942 to September 1975 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.05 ft above sea level, April 23, 2010; lowest measured, 34.10 ft above sea level, October 17, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 37.69 | Apr 23 | 41.05 |
| Dec 1 | 37.71 | May 21 | 40.35 |
| 18 | 38.23 | Jun 14 | 39.80 |
| Jan 20 | 38.80 | Jul 23 | 38.94 |
| Feb 19 | 38.52 | Aug 26 | 38.37 |
| Mar 19 | 39.59 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404812073004101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404812073004101.2010.pdf

Water-Data Report 2010

# 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.

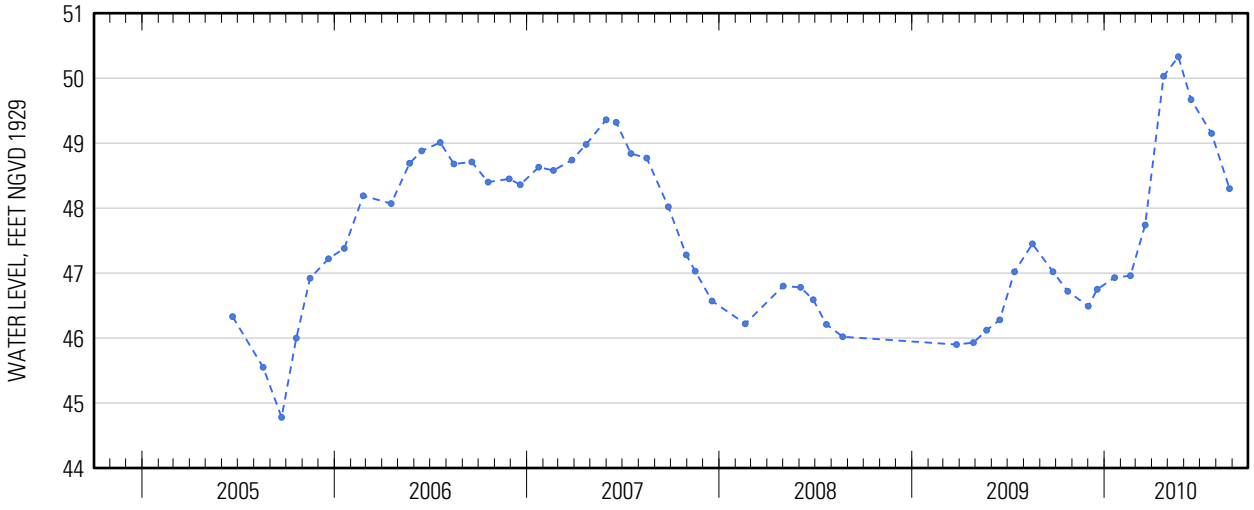
PERIOD OF RECORD.--February 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.33 ft above sea level, May 21, 2010; lowest measured, 41.82 ft above sea level, December 9, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 46.72 | Apr 23 | 50.03 |
| Dec 1 | 46.49 | May 21 | 50.33 |
| 18 | 46.75 | Jun 14 | 49.67 |
| Jan 20 | 46.93 | Jul 23 | 49.15 |
| Feb 19 | 46.96 | Aug 26 | 48.30 |
| Mar 19 | 47.74 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404812073041201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404812073041201.2010.pdf

Water-Data Report 2010

# 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.

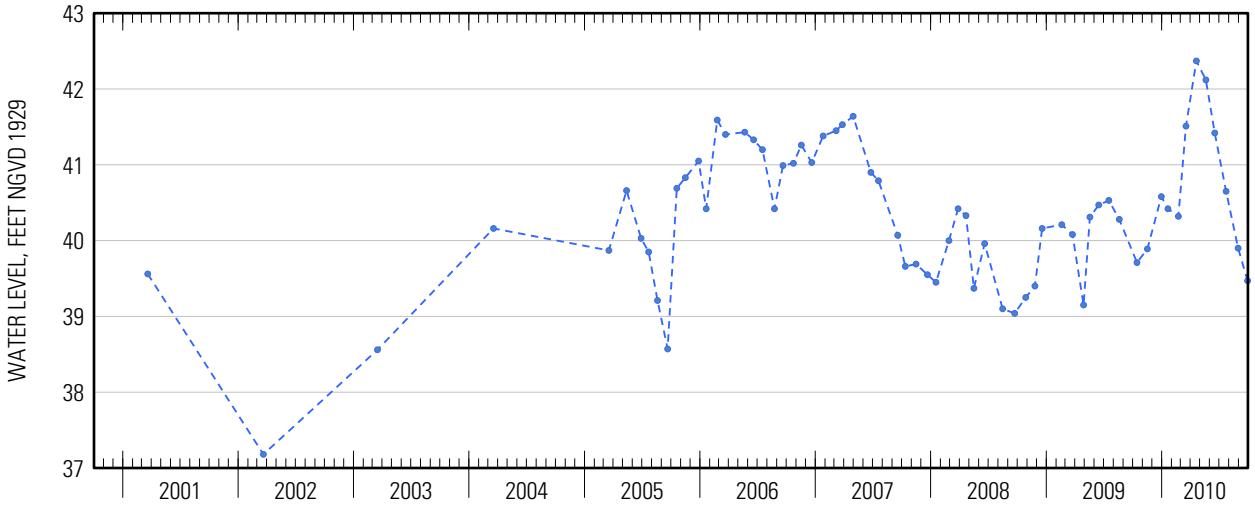
PERIOD OF RECORD.--September 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 39.71 | Apr 20 | 42.37 |
| Nov 16 | 39.89 | May 20 | 42.12 |
| Dec 30 | 40.58 | Jun 17 | 41.42 |
| Jan 20 | 40.42 | Jul 23 | 40.65 |
| Feb 22 | 40.32 | Aug 30 | 39.90 |
| Mar 18 | 41.51 | Sep 29 | 39.47 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404813073084102, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404813073084102.2010.pdf

Water-Data Report 2010

# 404813073101101 Local number S 24771. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

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

## GROUNDWATER RECORDS

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

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

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

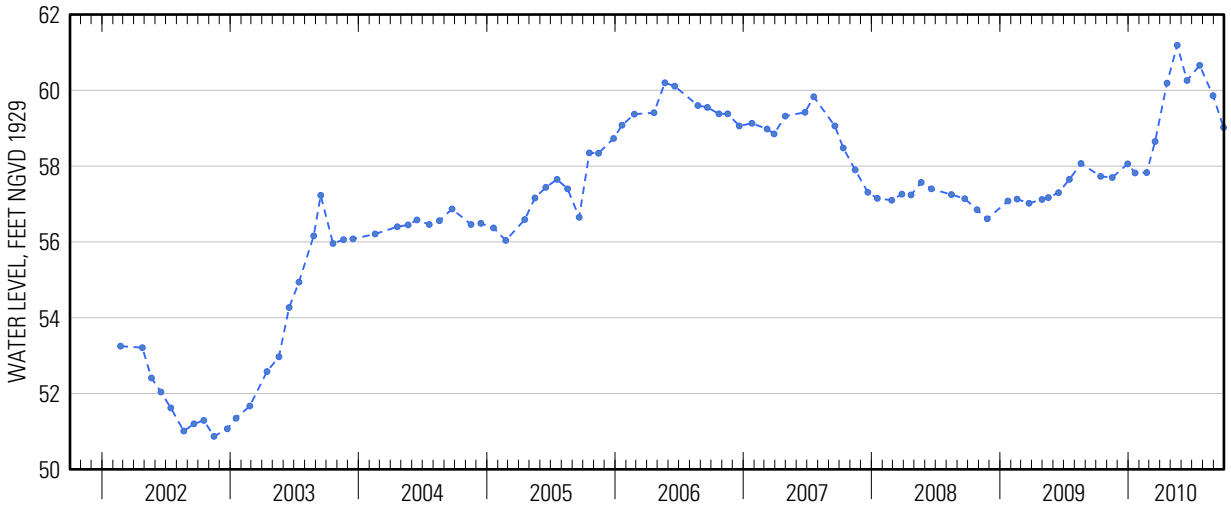
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.19 ft above sea level, May 20, 2010; lowest measured, 50.87 ft above sea level, November 15, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 57.73 | Apr 21 | 60.19 |
| Nov 16 | 57.70 | May 20 | 61.19 |
| Dec 30 | 58.06 | Jun 17 | 60.26 |
| Jan 20 | 57.82 | Jul 23 | 60.66 |
| Feb 22 | 57.83 | Aug 30 | 59.86 |
| Mar 18 | 58.65 | Sep 29 | 59.02 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404813073101101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404813073101101.2010.pdf

Water-Data Report 2010

# 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.

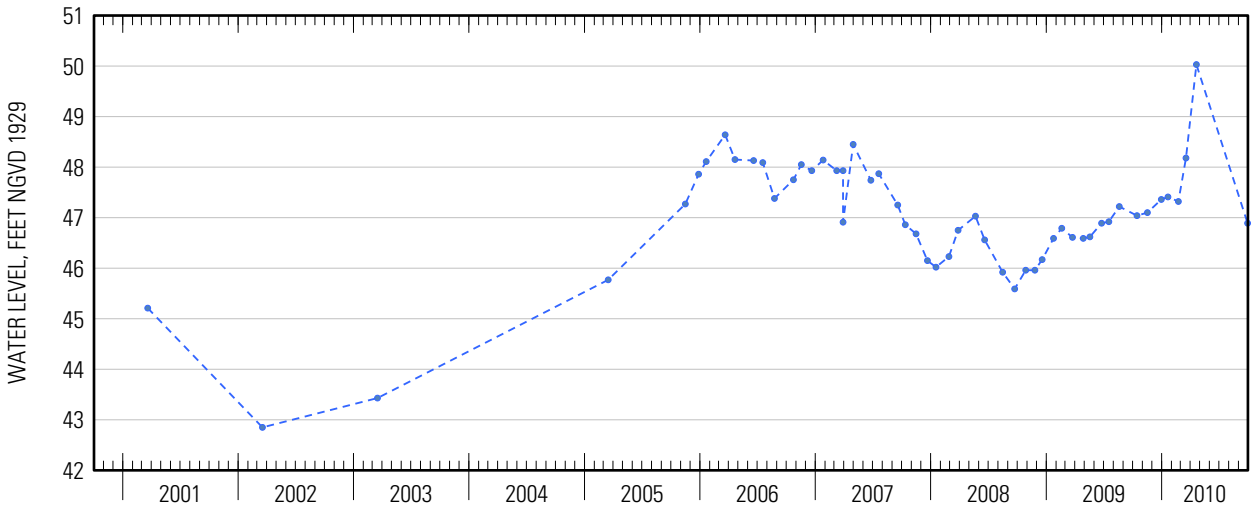
PERIOD OF RECORD.--March 1966 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 14 | 47.04 | Feb 22 | 47.32 |
| Nov 16 | 47.10 | Mar 18 | 48.18 |
| Dec 30 | 47.36 | Apr 20 | 50.03 |
| Jan 20 | 47.41 | Sep 29 | 46.89 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404818073135904, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404818073135904.2010.pdf

Water-Data Report 2010

# 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.

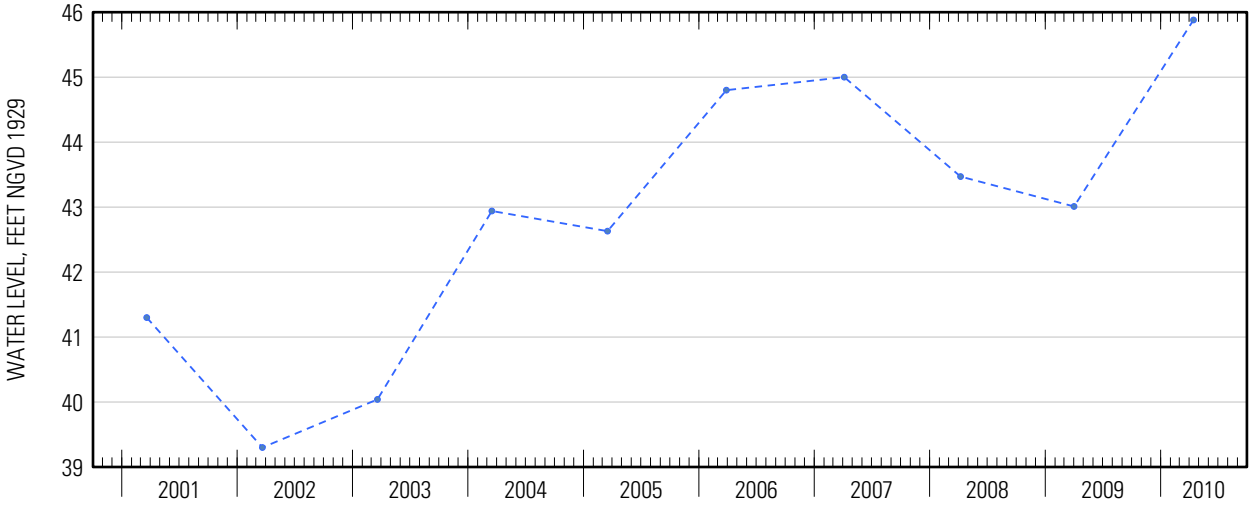
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.88 ft above sea level, April 14, 2010; lowest measured, 39.30 ft above sea level, March 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 45.88 |



Water-Data Report 2010

# 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.

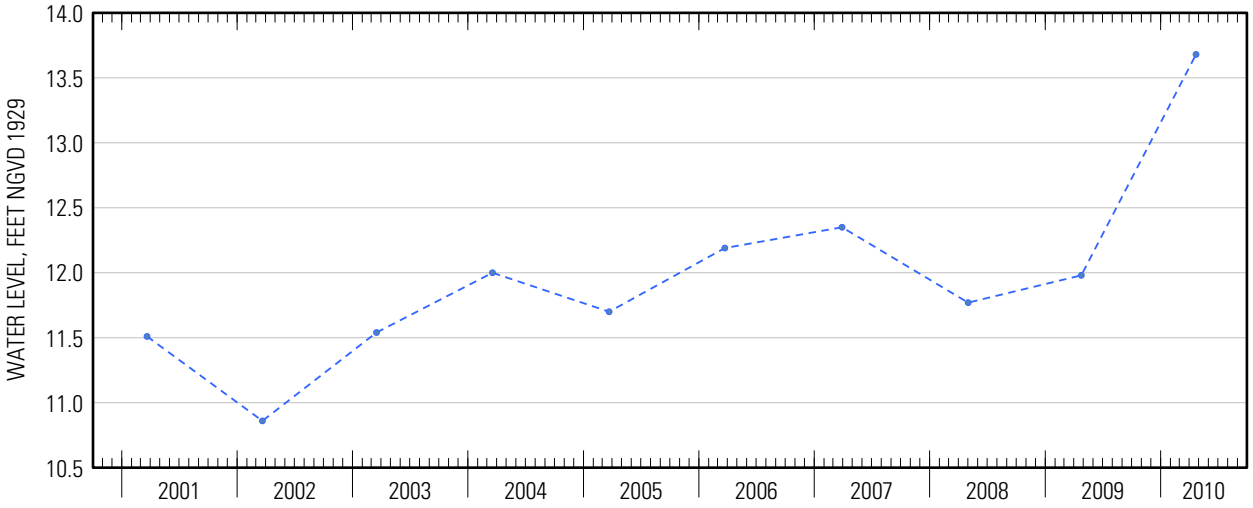
PERIOD OF RECORD.--March 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.68 ft above sea level, April 22, 2010; lowest measured, 10.20 ft above sea level, August 22, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 13.68 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404829072463101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404829072463101.2010.pdf

Water-Data Report 2010

# 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.

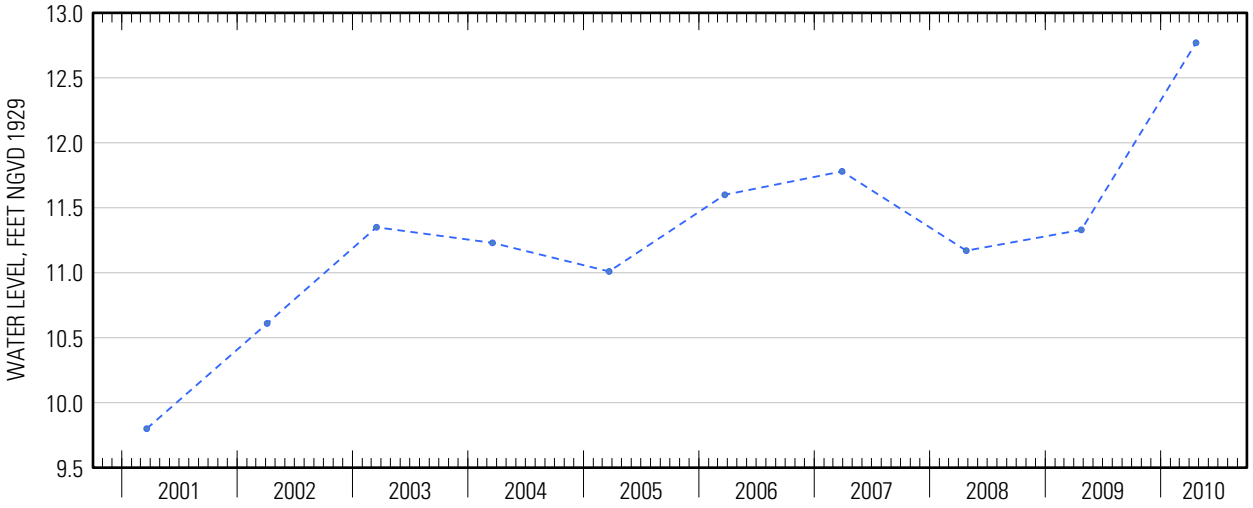
PERIOD OF RECORD.--June 1952 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.77 ft above sea level, April 22, 2010; lowest measured, 9.50 ft above sea level, March 19, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 12.77 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404831072530501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404831072530501.2010.pdf

Water-Data Report 2010

# 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.

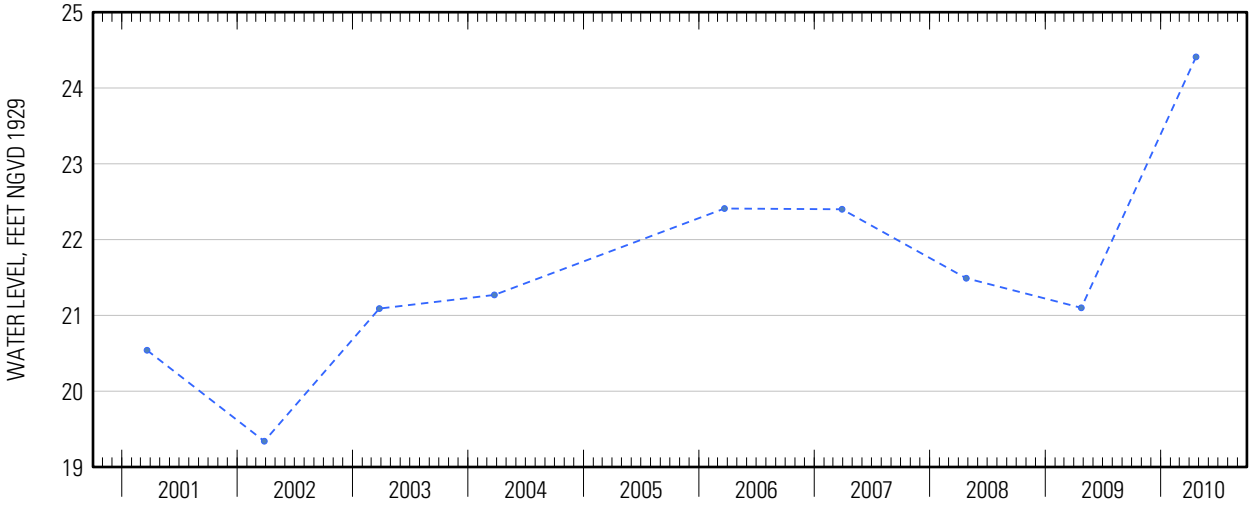
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.41 ft above sea level, April 22, 2010; lowest measured, 19.03 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 24.41 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404846072533201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404846072533201.2010.pdf

Water-Data Report 2010

# 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.

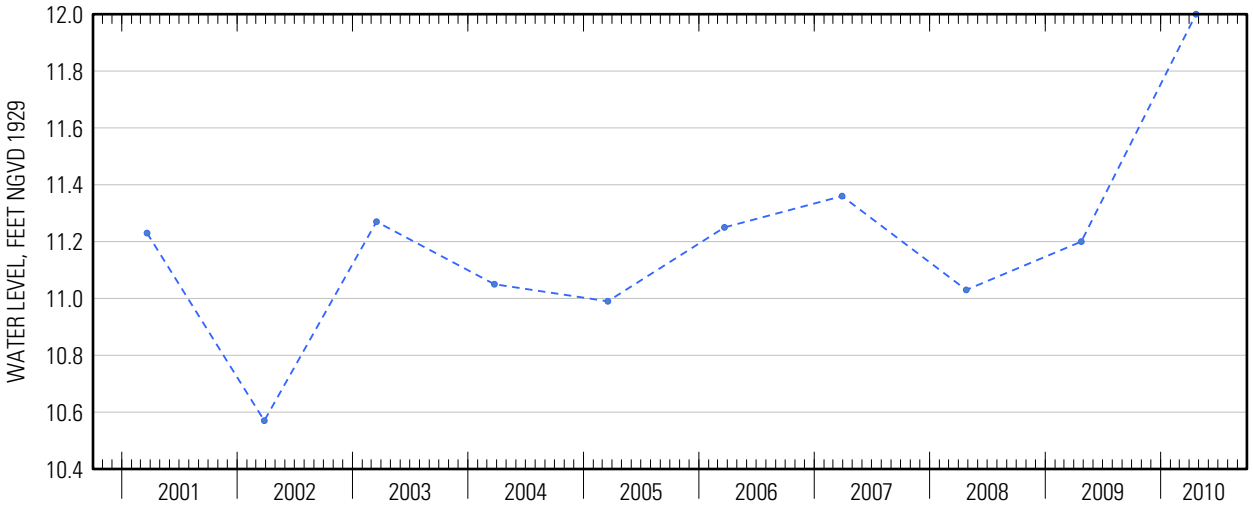
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.00 ft above sea level, April 22, 2010; lowest measured, 10.26 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 12.00 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404846072533203, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404846072533203.2010.pdf

Water-Data Report 2010

# 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.

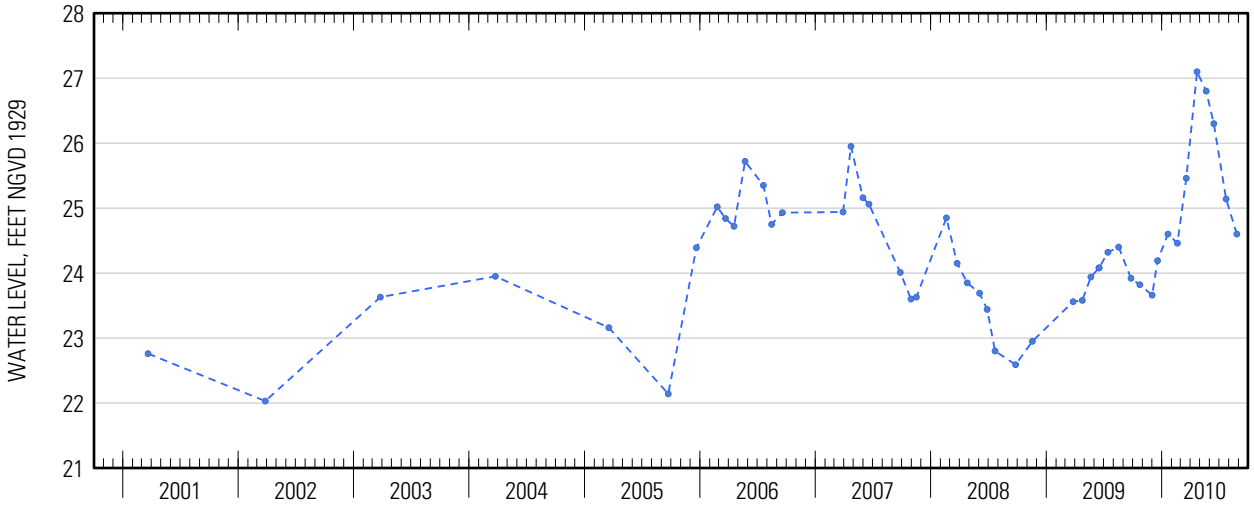
PERIOD OF RECORD.--March 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.10 ft above sea level, April 22, 2010; lowest measured, 21.31 ft above sea level, September 19, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 23.82 | Apr 22 | 27.10 |
| Dec 1 | 23.66 | May 21 | 26.80 |
| 18 | 24.19 | Jun 14 | 26.30 |
| Jan 20 | 24.60 | Jul 23 | 25.14 |
| Feb 19 | 24.46 | Aug 26 | 24.60 |
| Mar 19 | 25.46 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404846072533204, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404846072533204.2010.pdf

Water-Data Report 2010

# 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.

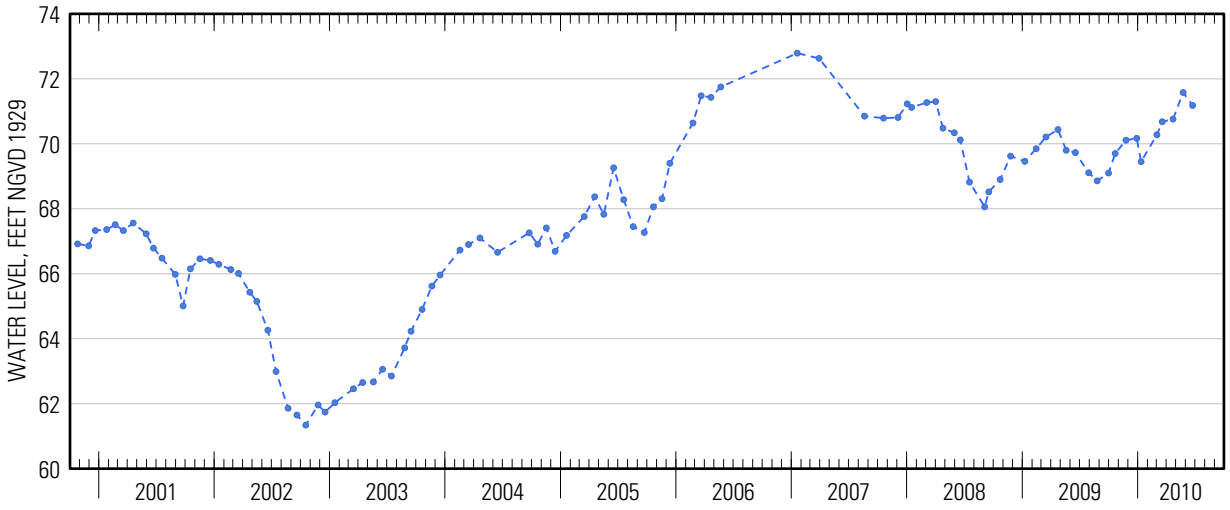
PERIOD OF RECORD.--March 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 69.70 | Mar 19 | 70.68 |
| Nov 24 | 70.11 | Apr 22 | 70.76 |
| Dec 28 | 70.17 | May 24 | 71.58 |
| Jan 11 | 69.45 | Jun 23 | 71.18 |
| Mar 2 | 70.28 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404859073194002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404859073194002.2010.pdf

Water-Data Report 2010

# 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.

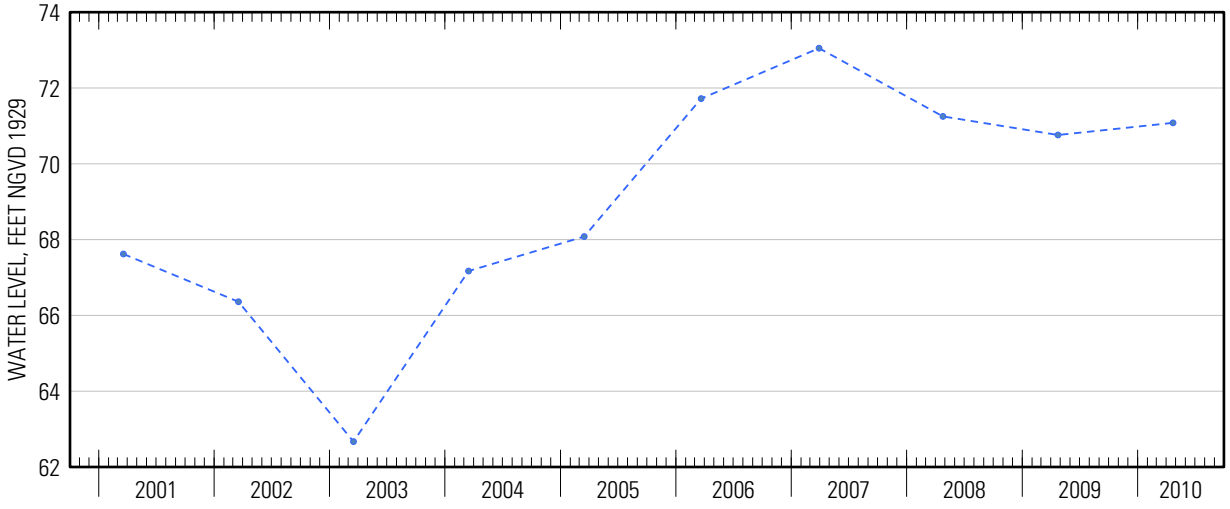
PERIOD OF RECORD.--March 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 71.08 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404859073194003, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404859073194003.2010.pdf

Water-Data Report 2010

# 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.

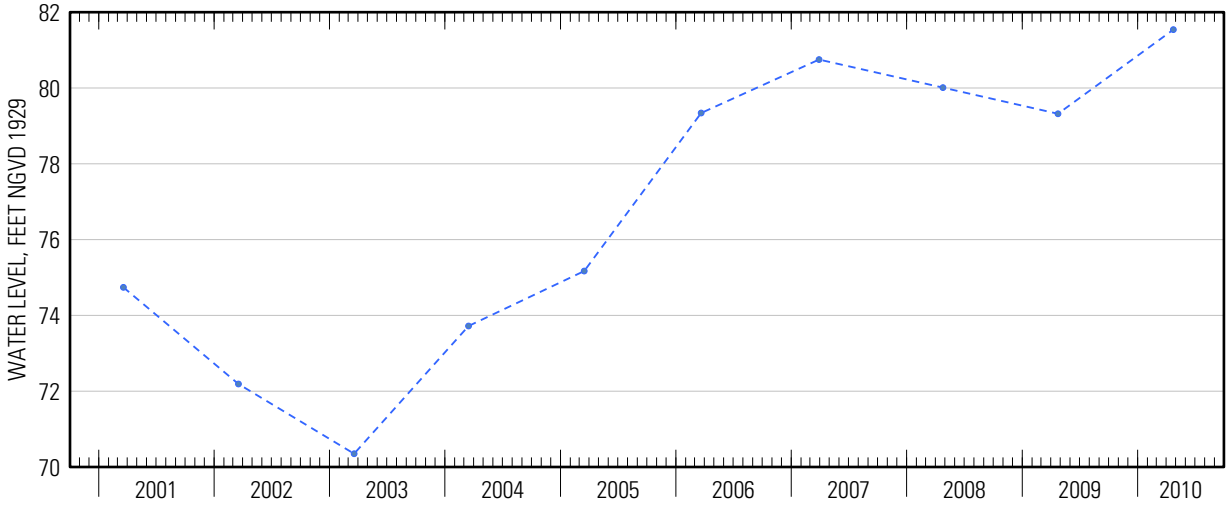
PERIOD OF RECORD.--June 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 81.54 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404900073242801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404900073242801.2010.pdf

Water-Data Report 2010

# 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.

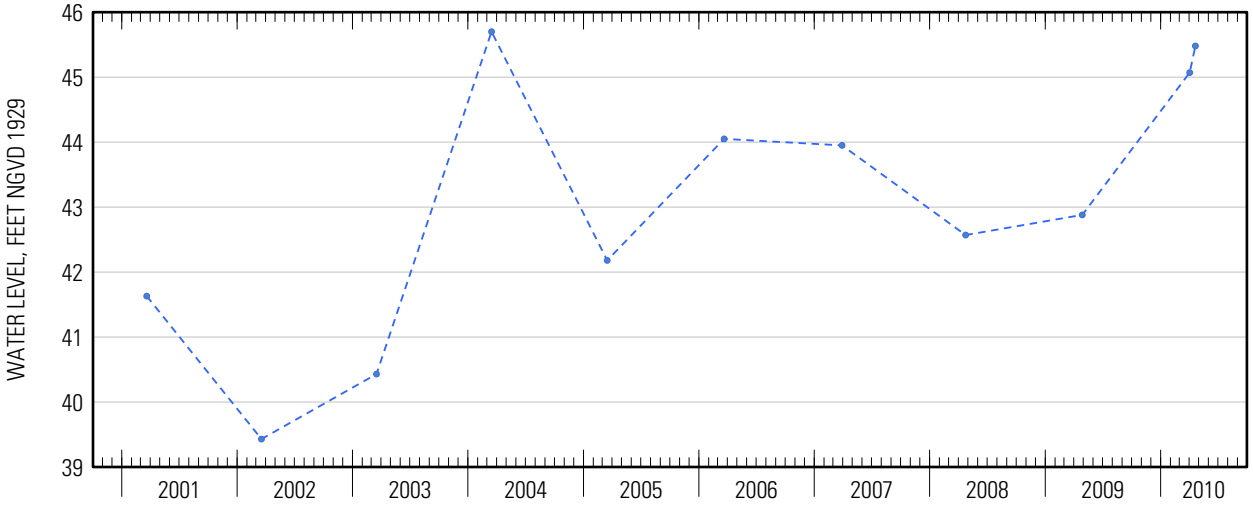
PERIOD OF RECORD.--August 1964 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 2 | 45.07 | Apr 20 | 45.48 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404902073094001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404902073094001.2010.pdf

Water-Data Report 2010

# 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.

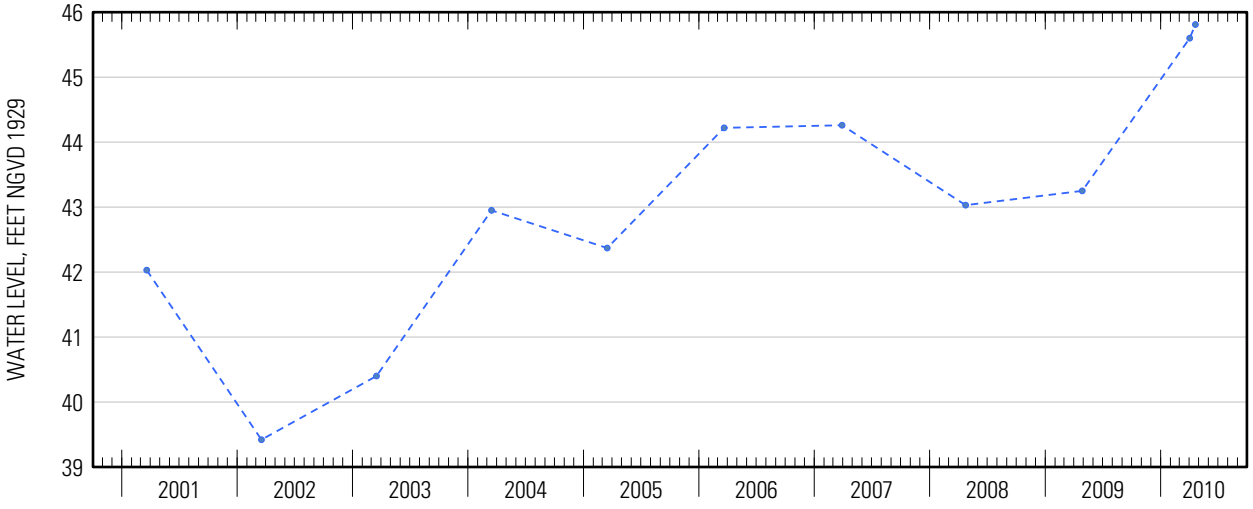
PERIOD OF RECORD.--August 1964 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.81 ft above sea level, April 20, 2010; lowest measured, 36.35 ft above sea level, March 1, 1967.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 2 | 45.60 | Apr 20 | 45.81 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404902073094002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404902073094002.2010.pdf

Water-Data Report 2010

# 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.

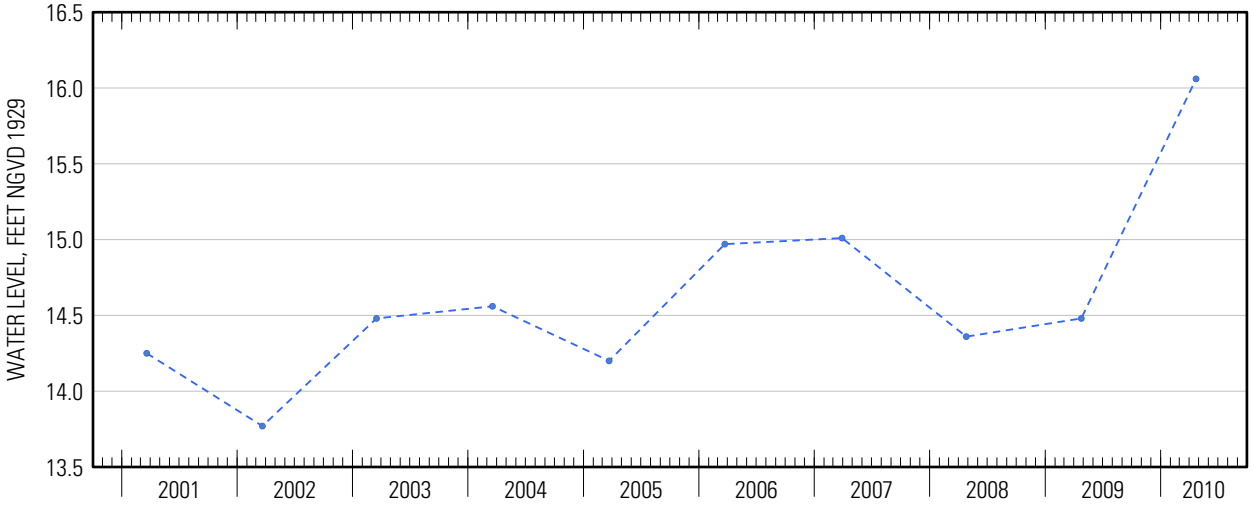
PERIOD OF RECORD.--July 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.06 ft above sea level, April 22, 2010; lowest measured, 13.46 ft above sea level, September 16, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 16.06 |



Water-Data Report 2010

# 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.

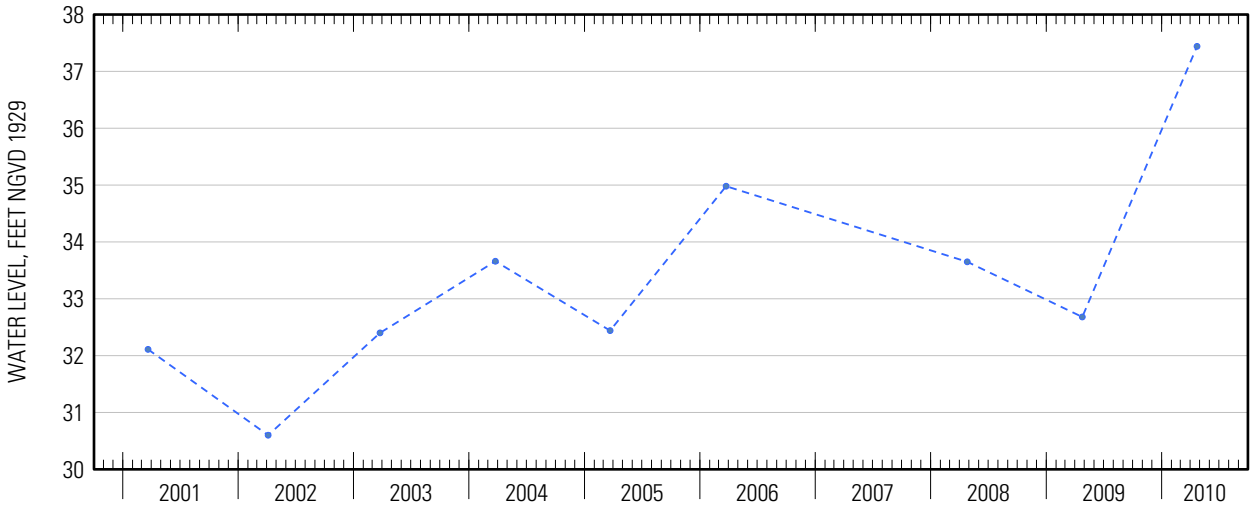
PERIOD OF RECORD.--March 1907 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.44 ft above sea level, April 22, 2010; lowest measured, 29.82 ft above sea level, October 27, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 37.44 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404918072560301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404918072560301.2010.pdf

Water-Data Report 2010

# 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.

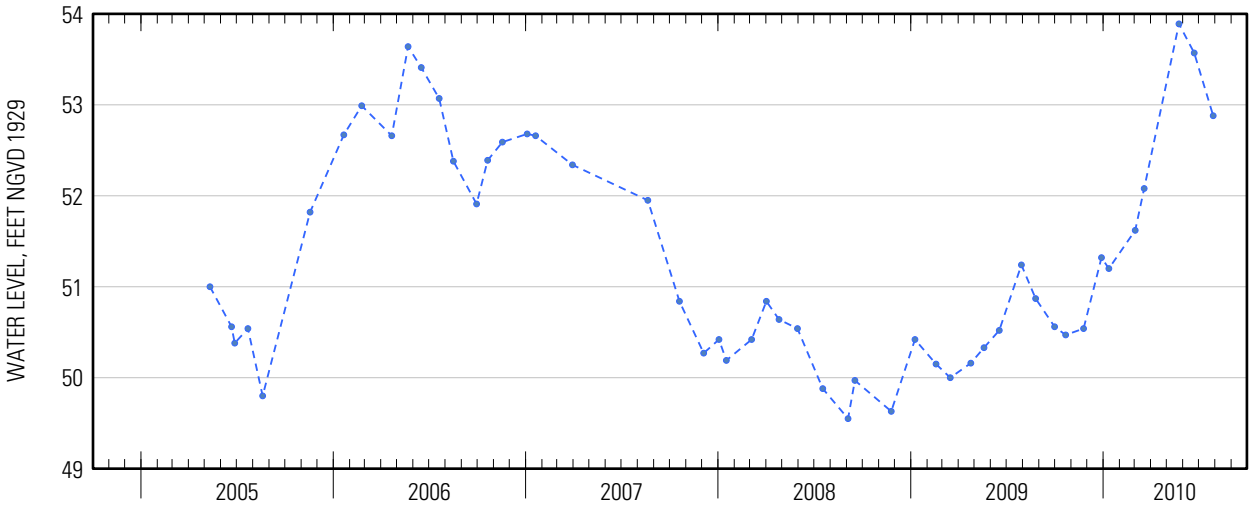
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.89 ft above sea level, May 24, 2010; lowest measured, 46.82 ft above sea level, September 9, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 50.47 | Mar 19 | 52.08 |
| Nov 24 | 50.54 | May 24 | 53.89 |
| Dec 28 | 51.32 | Jun 22 | 53.57 |
| Jan 11 | 51.20 | Jul 28 | 52.88 |
| Mar 2 | 51.62 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404920073150901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404920073150901.2010.pdf

Water-Data Report 2010

# 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.

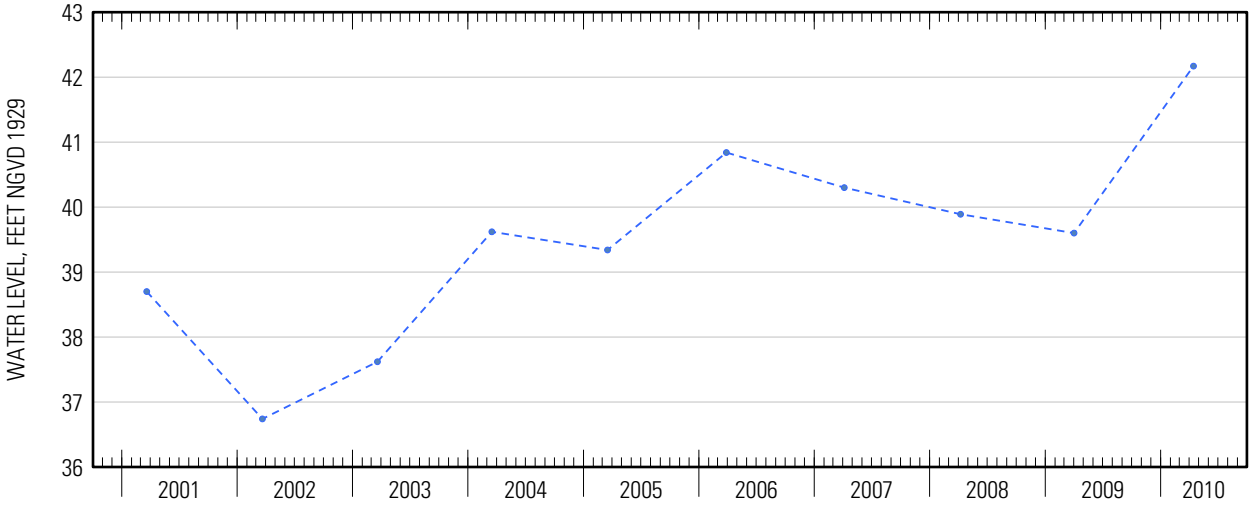
PERIOD OF RECORD.--May 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.17 ft above sea level, April 14, 2010; lowest measured, 32.58 ft above sea level, April 13, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 42.17 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404921073122703, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404921073122703.2010.pdf

Water-Data Report 2010

# 404930072483502 Local number S 65604. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°49′30″, long 72°48′35″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at northwest corner of Sunrise Highway Service Road and Wading River Road.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 60 ft. Upper casing diameter 2 in; top of first opening 50 ft, bottom of last opening 55 ft.

DATUM.--Land-surface datum is 63.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.6 ft below land surrface datum.

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

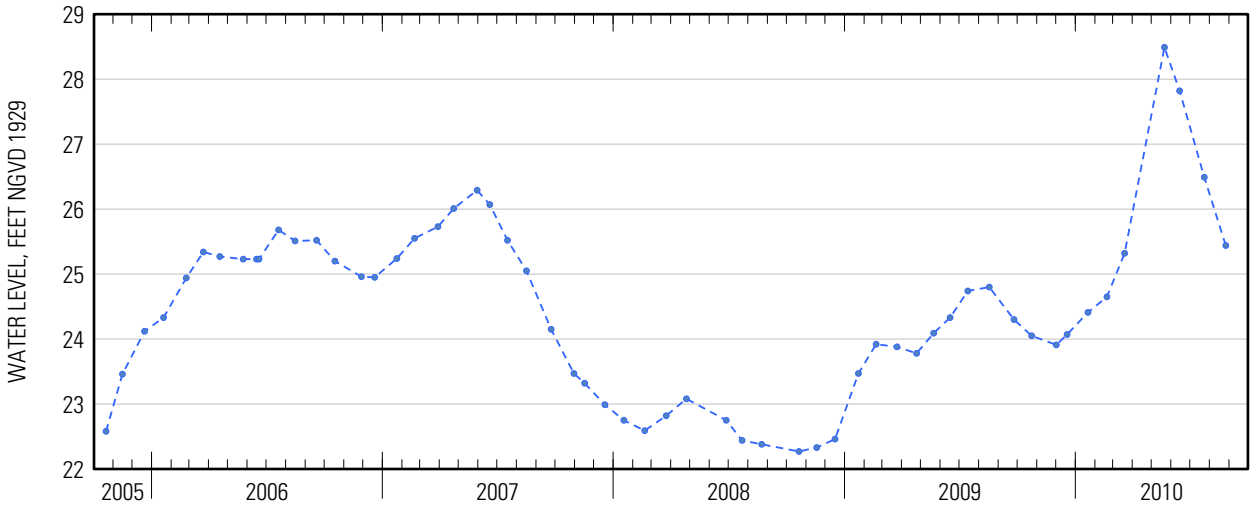
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S65604.1 in June 2000 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.49 ft above sea level, May 21, 2010; lowest measured, 20.91 ft above sea level, September 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 24.05 | Mar 19 | 25.32 |
| Dec 1 | 23.91 | May 21 | 28.49 |
| 18 | 24.07 | Jun 14 | 27.82 |
| Jan 20 | 24.41 | Jul 23 | 26.49 |
| Feb 19 | 24.65 | Aug 26 | 25.44 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404930072483502, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404930072483502.2010.pdf

Water-Data Report 2010

# 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.

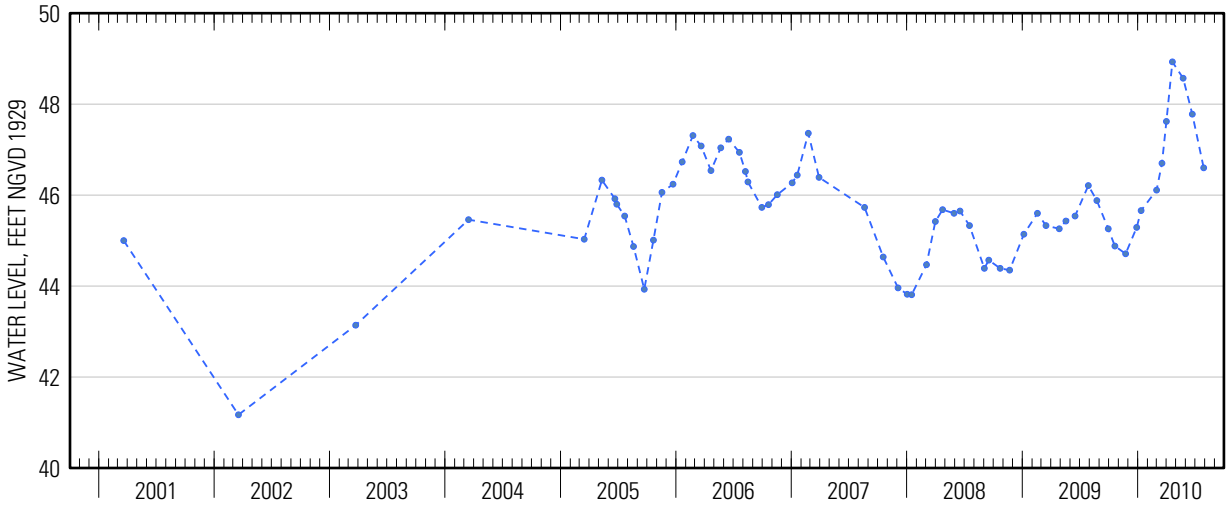
PERIOD OF RECORD.--July 1980 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.93 ft above sea level, April 20, 2010; lowest measured, 40.76 ft above sea level, September 21, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 44.88 | Apr 1 | 47.62 |
| Nov 23 | 44.71 | 20 | 48.93 |
| Dec 28 | 45.29 | May 24 | 48.57 |
| Jan 11 | 45.66 | Jun 22 | 47.78 |
| Mar 1 | 46.11 | Jul 28 | 46.60 |
| 18 | 46.70 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404930073120002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404930073120002.2010.pdf

Water-Data Report 2010

# 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 for October 1968 to September 1975 are available in files of the U.S. 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, 54.81 ft above sea level, May 14 and 15, 2010; lowest recorded, 43.83 ft above sea level, September 1, 1995.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 54.81 ft above sea level, May 14 and 15; lowest recorded, 50.80 ft above sea level, October 1.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 7 | 51.36 | May 13 | 54.60 |
| Nov 16 | 51.06 | Jun 17 | 54.26 |
| Dec 30 | 51.06 | Jul 23 | 53.12 |
| Jan 20 | 51.49 | 27 | 53.00 |
| Feb 22 | 51.62 | Aug 30 | 52.09 |
| Mar 18 | 52.37 | Sep 29 | 51.75 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404932073055902, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404932073055902.2010.pdf

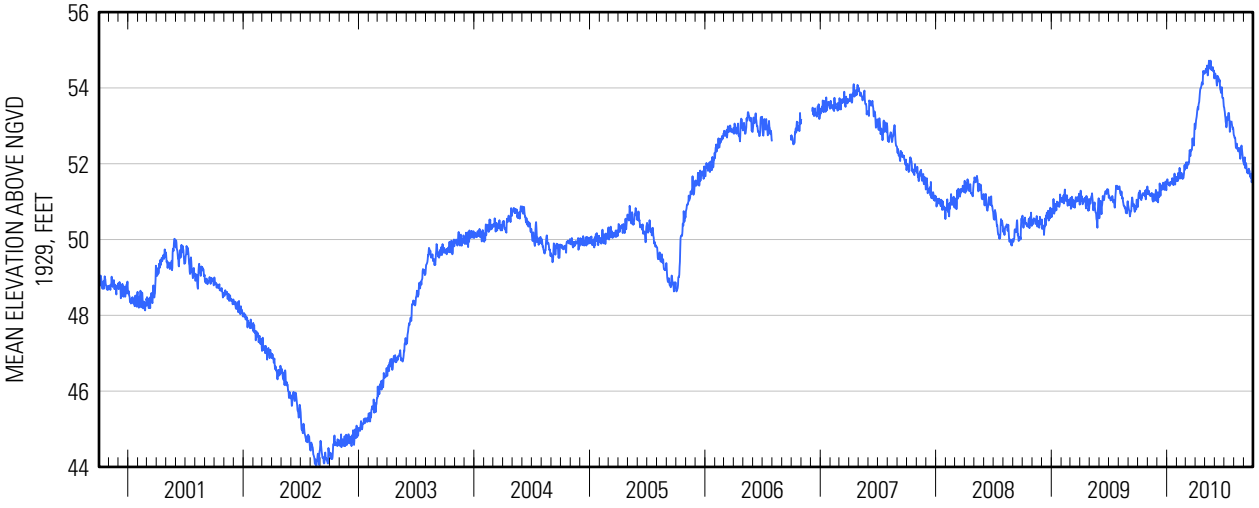
**404932073055902 Local number S 33380. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50.86 | 51.26 | 51.02 | 51.55 | 51.57 | 51.91 | 52.93 | 54.44 | 54.35 | 53.49 | 52.74 | 52.01 |
| 2 | 51.01 | 51.21 | 51.01 | 51.59 | 51.57 | 51.89 | 53.02 | 54.40 | 54.38 | 53.42 | 52.73 | 51.97 |
| 3 | 51.18 | 51.29 | 51.25 | 51.58 | 51.65 | 52.04 | 53.14 | 54.42 | 54.38 | 53.37 | 52.68 | 52.10 |
| 4 | 51.23 | 51.19 | 50.98 | 51.47 | 51.54 | 51.98 | 53.19 | 54.50 | 54.33 | 53.27 | 52.69 | 52.17 |
| 5 | 51.19 | 51.28 | 51.18 | 51.48 | 51.61 | 51.88 | 53.24 | 54.47 | 54.28 | 53.21 | 52.67 | 52.02 |
| 6 | 51.18 | 51.20 | 51.14 | 51.49 | 51.76 | 51.91 | 53.32 | 54.52 | 54.26 | 53.09 | 52.55 | 51.88 |
| 7 | 51.29 | 51.20 | 51.12 | 51.44 | 51.67 | 52.00 | 53.41 | 54.41 | 54.14 | 53.10 | 52.43 | 51.91 |
| 8 | 51.09 | 51.18 | 51.13 | 51.50 | 51.62 | 52.04 | 53.47 | 54.59 | 54.06 | 52.96 | 52.41 | 52.02 |
| 9 | 51.12 | 51.15 | 51.48 | 51.42 | 51.61 | 51.98 | 53.50 | 54.46 | 54.11 | 53.01 | 52.46 | 51.97 |
| 10 | 51.15 | 51.20 | 51.35 | 51.42 | 51.89 | 51.98 | 53.43 | 54.33 | 54.32 | 53.12 | 52.53 | 51.88 |
| 11 | 51.05 | 51.16 | 51.16 | 51.49 | 51.71 | 52.02 | 53.55 | 54.38 | 54.25 | 53.24 | 52.42 | 51.80 |
| 12 | 51.04 | 51.20 | 51.16 | 51.52 | 51.61 | 52.03 | 53.60 | 54.57 | 54.25 | 53.18 | 52.38 | 51.76 |
| 13 | 51.16 | 51.22 | 51.42 | 51.46 | 51.72 | 52.24 | 53.63 | 54.61 | 54.27 | 53.16 | 52.40 | 51.83 |
| 14 | 51.10 | 51.23 | 51.43 | 51.47 | 51.68 | 52.36 | 53.74 | 54.72 | 54.23 | 53.33 | 52.33 | 51.84 |
| 15 | 51.19 | 51.16 | 51.42 | 51.52 | 51.63 | 52.28 | 53.85 | 54.70 | 54.17 | 53.34 | 52.33 | 51.74 |
| 16 | 51.22 | 51.05 | 51.32 | 51.49 | 51.76 | 52.20 | 53.94 | 54.57 | 54.16 | 53.34 | 52.40 | 51.80 |
| 17 | 51.20 | 51.02 | 51.32 | 51.57 | 51.69 | 52.28 | 53.99 | 54.51 | 54.21 | 53.24 | 52.42 | 51.87 |
| 18 | 51.21 | 51.00 | 51.32 | 51.62 | 51.67 | 52.37 | 53.99 | 54.61 | 54.01 | 53.03 | 52.32 | 51.80 |
| 19 | 51.18 | 51.12 | 51.44 | 51.49 | 51.60 | 52.36 | 54.02 | 54.72 | 53.95 | 52.84 | 52.32 | 51.82 |
| 20 | 51.22 | 51.20 | 51.50 | 51.50 | 51.60 | 52.35 | 54.06 | 54.64 | 53.93 | 53.02 | 52.21 | 51.75 |
| 21 | 51.21 | 51.13 | 51.41 | 51.44 | 51.64 | 52.38 | 54.12 | 54.50 | 53.87 | 53.10 | 52.13 | 51.67 |
| 22 | 51.22 | 51.06 | 51.35 | 51.56 | 51.62 | 52.50 | 54.15 | 54.47 | 53.91 | 53.11 | 52.22 | 51.70 |
| 23 | 51.14 | 51.02 | 51.34 | 51.45 | 51.68 | 52.67 | 54.11 | 54.49 | 54.02 | 53.12 | 52.42 | 51.63 |
| 24 | 51.29 | 51.14 | 51.31 | 51.54 | 51.75 | 52.53 | 54.09 | 54.48 | 54.01 | 53.13 | 52.45 | 51.72 |
| 25 | 51.19 | 51.18 | 51.33 | 51.74 | 51.93 | 52.54 | 54.33 | 54.54 | 53.76 | --- | 52.48 | 51.73 |
| 26 | 51.06 | 51.22 | 51.44 | 51.56 | 51.97 | 52.60 | 54.45 | 54.55 | 53.73 | --- | 52.42 | 51.51 |
| 27 | 51.18 | 51.31 | 51.53 | 51.45 | 51.84 | 52.48 | 54.42 | 54.49 | 53.74 | --- | 52.32 | 51.59 |
| 28 | 51.32 | 51.13 | 51.52 | 51.57 | 51.90 | 52.65 | 54.39 | 54.43 | 53.73 | 52.89 | 52.24 | 51.76 |
| 29 | 51.20 | 51.03 | 51.38 | 51.54 | --- | 52.90 | 54.37 | 54.46 | 53.61 | 52.96 | 52.15 | 51.79 |
| 30 | 51.25 | 51.13 | 51.30 | 51.61 | --- | 53.06 | 54.41 | 54.40 | 53.50 | 52.91 | 52.07 | 52.01 |
| 31 | 51.40 | --- | 51.46 | 51.65 | --- | 52.92 | --- | 54.25 | --- | 52.79 | 52.04 | --- |
| Mean | 51.17 | 51.16 | 51.31 | 51.52 | 51.70 | 52.30 | 53.80 | 54.50 | 54.06 | 53.13 | 52.40 | 51.84 |
| Max | 51.40 | 51.31 | 51.53 | 51.74 | 51.97 | 53.06 | 54.45 | 54.72 | 54.38 | 53.49 | 52.74 | 52.17 |
| Min | 50.86 | 51.00 | 50.98 | 51.42 | 51.54 | 51.88 | 52.93 | 54.25 | 53.50 | 52.79 | 52.04 | 51.51 |
| Med | 51.19 | 51.18 | 51.33 | 51.50 | 51.67 | 52.28 | 53.89 | 54.49 | 54.12 | 53.12 | 52.41 | 51.81 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 51.05 | 52.40 |
| Max | 51.53 | 54.72 |
| Min | 50.31 | 50.86 |
| Med | 51.05 | 51.98 |

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



Water-Data Report 2010

# 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 for October 1968 to September 1975 are available in files of the U.S. 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, 40.39 ft above sea level, May 8; lowest recorded, 37.39 ft above sea level, October 12.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 7 | 37.90 | May 13 | 39.90 |
| Nov 16 | 38.13 | Jun 17 | 39.88 |
| Dec 30 | 38.17 | Jul 23 | 38.84 |
| Jan 20 | 38.51 | Aug 30 | 38.31 |
| Feb 22 | 38.66 | Sep 29 | 38.10 |
| Mar 18 | 39.11 | | |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404935073055901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404935073055901.2010.pdf

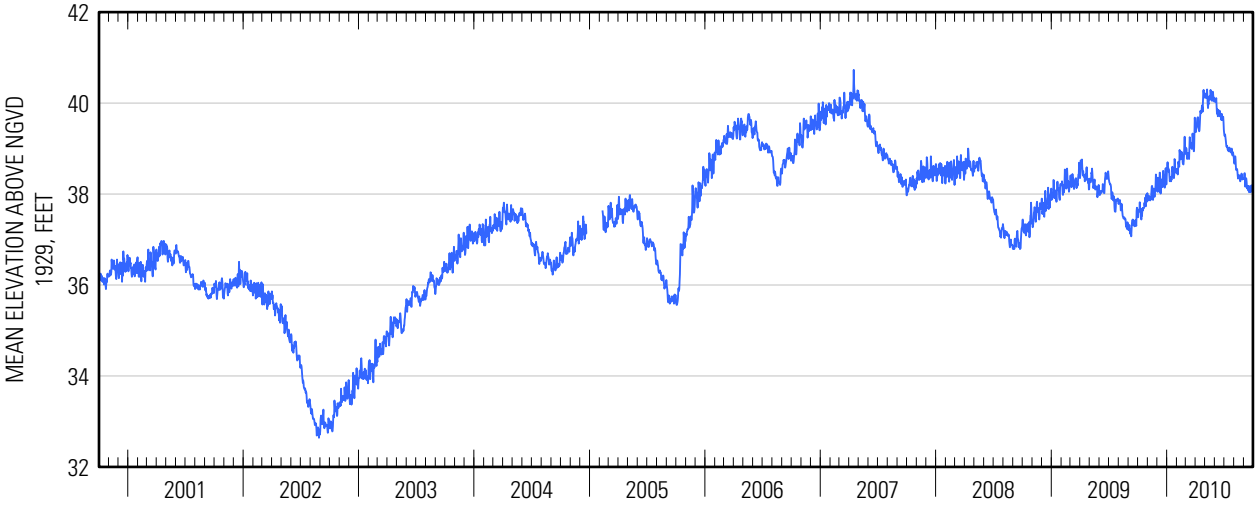
**404935073055901 Local number S 33379. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 37.49 | 37.95 | 38.12 | 38.50 | 38.48 | 38.98 | 39.41 | 40.13 | 40.10 | 39.34 | 38.75 | 38.34 |
| 2 | 37.49 | 37.90 | 38.05 | 38.63 | 38.46 | 38.88 | 39.36 | 40.14 | 40.06 | 39.28 | 38.67 | 38.33 |
| 3 | 37.60 | 37.96 | 38.36 | 38.70 | 38.54 | 39.01 | 39.40 | 40.21 | 40.09 | 39.28 | 38.67 | 38.45 |
| 4 | 37.64 | 37.86 | 38.11 | 38.60 | 38.43 | 38.97 | 39.43 | 40.19 | 40.03 | 39.31 | 38.74 | 38.46 |
| 5 | 37.62 | 37.96 | 38.17 | 38.57 | 38.47 | 38.83 | 39.46 | 40.11 | 40.06 | 39.25 | 38.83 | 38.28 |
| 6 | 37.63 | 37.93 | 38.10 | 38.56 | 38.71 | 38.77 | 39.58 | 40.20 | 40.11 | 39.19 | 38.77 | 38.16 |
| 7 | 37.82 | 37.89 | 38.06 | 38.48 | 38.67 | 38.83 | 39.67 | 40.11 | 39.94 | 39.12 | 38.61 | 38.20 |
| 8 | 37.61 | 37.91 | 38.05 | 38.52 | 38.63 | 38.90 | 39.67 | 40.30 | 39.80 | 39.05 | 38.53 | 38.35 |
| 9 | 37.68 | 37.86 | 38.47 | 38.38 | 38.60 | 38.85 | 39.69 | 40.12 | 39.76 | 39.04 | 38.53 | 38.34 |
| 10 | 37.68 | 37.92 | 38.47 | 38.28 | 38.97 | 38.80 | 39.49 | 39.97 | 39.86 | 39.06 | 38.55 | 38.27 |
| 11 | 37.52 | 37.88 | 38.21 | 38.33 | 38.90 | 38.78 | 39.48 | 39.89 | 39.71 | 39.04 | 38.55 | 38.17 |
| 12 | 37.44 | 37.96 | 38.01 | 38.37 | 38.76 | 38.77 | 39.44 | 40.00 | 39.75 | 38.98 | 38.49 | 38.12 |
| 13 | 37.59 | 38.06 | 38.19 | 38.31 | 38.87 | 39.01 | 39.38 | 39.98 | 39.84 | 38.97 | 38.40 | 38.16 |
| 14 | 37.52 | 38.17 | 38.28 | 38.28 | 38.87 | 39.25 | 39.41 | 40.11 | 39.84 | 39.00 | 38.34 | 38.17 |
| 15 | 37.63 | 38.18 | 38.32 | 38.33 | 38.77 | 39.21 | 39.54 | 40.15 | 39.73 | 38.94 | 38.37 | 38.08 |
| 16 | 37.69 | 38.09 | 38.19 | 38.32 | 38.93 | 39.04 | 39.70 | 40.11 | 39.73 | 38.99 | 38.41 | 38.11 |
| 17 | 37.64 | 37.96 | 38.15 | 38.43 | 38.90 | 39.02 | 39.83 | 40.08 | 39.83 | 39.02 | 38.38 | 38.18 |
| 18 | 37.69 | 37.87 | 38.16 | 38.60 | 38.89 | 39.12 | 39.79 | 40.16 | 39.72 | 39.02 | 38.36 | 38.04 |
| 19 | 37.68 | 37.96 | 38.39 | 38.49 | 38.79 | 39.10 | 39.78 | 40.29 | 39.70 | 39.00 | 38.41 | 38.10 |
| 20 | 37.70 | 38.12 | 38.51 | 38.48 | 38.68 | 39.03 | 39.80 | 40.22 | 39.77 | 38.93 | 38.38 | 38.15 |
| 21 | 37.71 | 38.08 | 38.41 | 38.37 | 38.67 | 38.99 | 39.88 | 40.13 | 39.70 | 38.93 | 38.28 | 38.06 |
| 22 | 37.81 | 37.97 | 38.31 | 38.47 | 38.65 | 39.07 | 39.95 | 40.06 | 39.63 | 38.93 | 38.35 | 38.11 |
| 23 | 37.74 | 37.94 | 38.26 | 38.35 | 38.72 | 39.33 | 39.90 | 40.06 | 39.71 | 38.91 | 38.40 | 38.04 |
| 24 | 37.92 | 38.03 | 38.16 | 38.42 | 38.85 | 39.24 | 39.81 | 40.05 | 39.76 | 38.98 | 38.37 | 38.09 |
| 25 | 37.88 | 38.10 | 38.14 | 38.77 | 39.09 | 39.17 | 40.05 | 40.09 | 39.63 | 39.00 | 38.45 | 38.19 |
| 26 | 37.73 | 38.19 | 38.27 | 38.75 | 39.26 | 39.21 | 40.26 | 40.25 | 39.64 | 38.92 | 38.41 | 38.07 |
| 27 | 37.82 | 38.43 | 38.48 | 38.55 | 39.07 | 38.94 | 40.29 | 40.21 | 39.68 | 38.85 | 38.35 | 38.07 |
| 28 | 37.99 | 38.34 | 38.57 | 38.56 | 39.02 | 39.01 | 40.21 | 40.11 | 39.70 | 38.86 | 38.32 | 38.19 |
| 29 | 37.83 | 38.19 | 38.42 | 38.47 | --- | 39.34 | 40.13 | 40.12 | 39.58 | 38.92 | 38.34 | 38.12 |
| 30 | 37.84 | 38.28 | 38.21 | 38.50 | --- | 39.68 | 40.12 | 40.12 | 39.41 | 38.87 | 38.33 | 38.20 |
| 31 | 38.02 | --- | 38.34 | 38.55 | --- | 39.56 | --- | 40.03 | --- | 38.83 | 38.34 | --- |
| Mean | 37.70 | 38.03 | 38.26 | 38.48 | 38.77 | 39.05 | 39.73 | 40.12 | 39.80 | 39.03 | 38.47 | 38.19 |
| Max | 38.02 | 38.43 | 38.57 | 38.77 | 39.26 | 39.68 | 40.29 | 40.30 | 40.11 | 39.34 | 38.83 | 38.46 |
| Min | 37.44 | 37.86 | 38.01 | 38.28 | 38.43 | 38.77 | 39.36 | 39.89 | 39.41 | 38.83 | 38.28 | 38.04 |
| Med | 37.68 | 37.96 | 38.21 | 38.48 | 38.76 | 39.01 | 39.70 | 40.12 | 39.75 | 39.00 | 38.41 | 38.17 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 38.02 | 38.80 |
| Max | 38.76 | 40.30 |
| Min | 37.07 | 37.44 |
| Med | 38.10 | 38.65 |

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



Water-Data Report 2010

# 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.

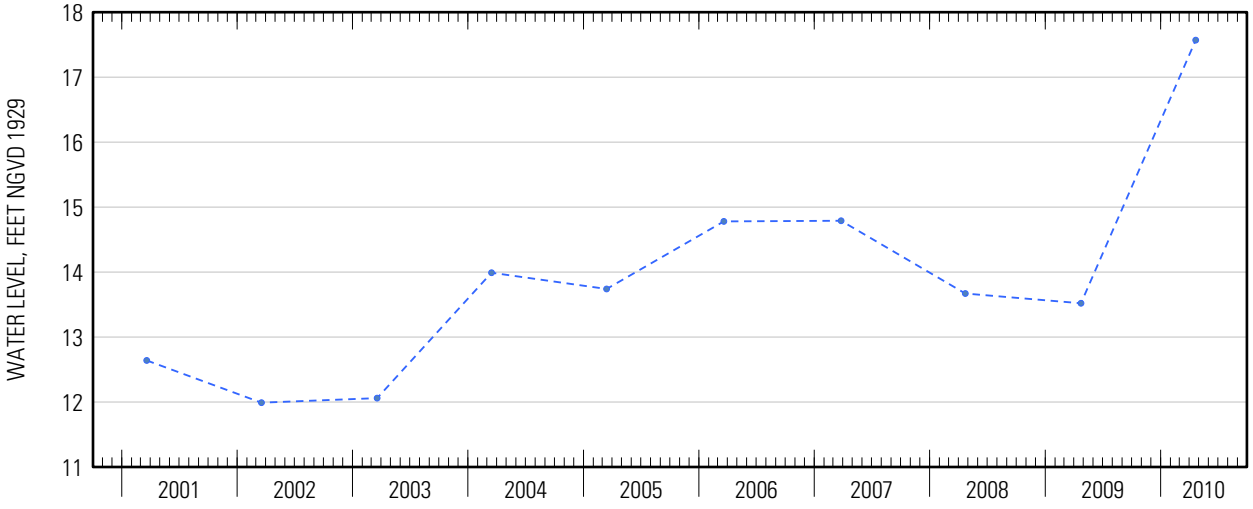
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.57 ft above sea level, April 21, 2010; lowest measured, 11.68 ft above sea level, March 2, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 17.57 |



Water-Data Report 2010

# 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.

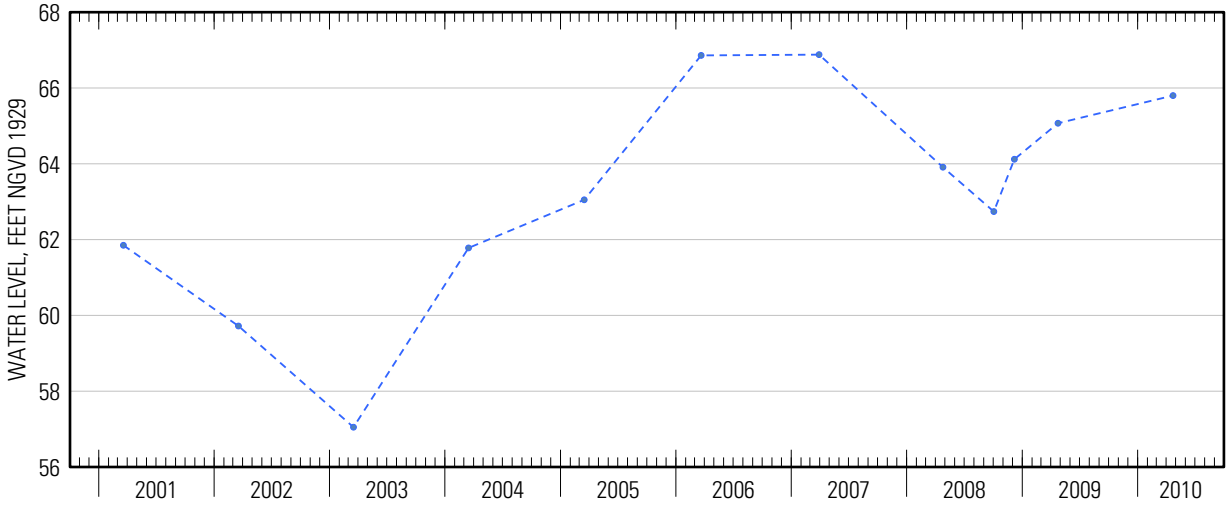
PERIOD OF RECORD.--August 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 65.80 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404942073175502, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404942073175502.2010.pdf

Water-Data Report 2010

# 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.

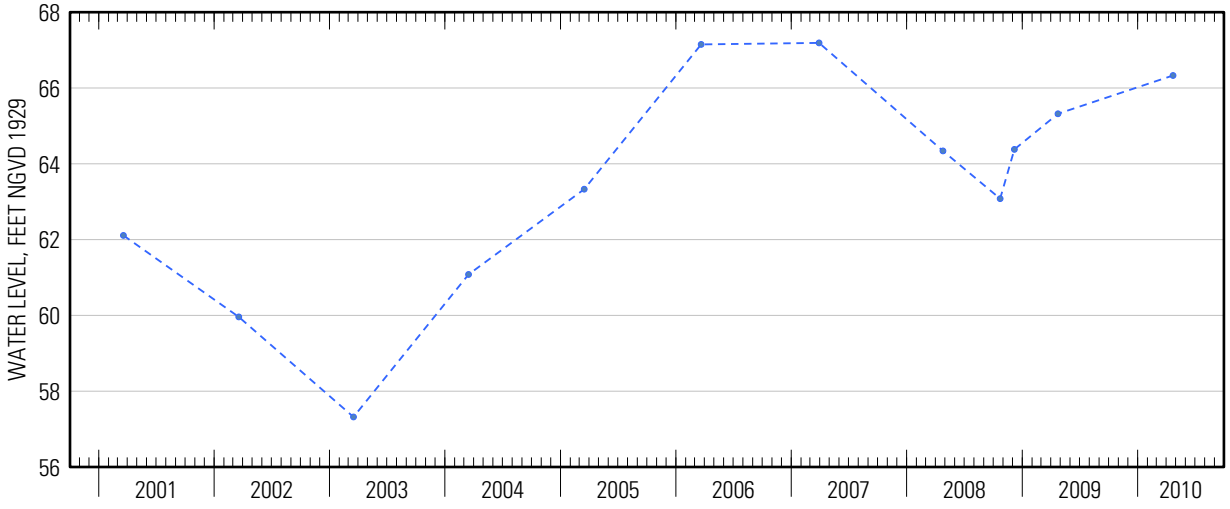
PERIOD OF RECORD.--August 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 66.33 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404942073175503, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404942073175503.2010.pdf

Water-Data Report 2010

# 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.

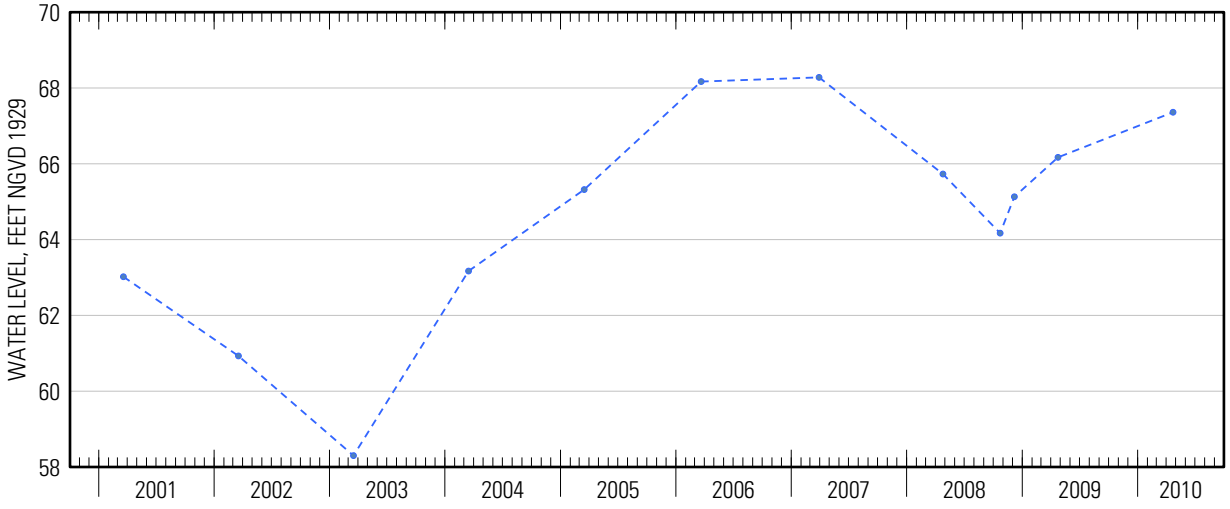
PERIOD OF RECORD.--August 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 67.36 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404942073175504, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404942073175504.2010.pdf

Water-Data Report 2010

# 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.

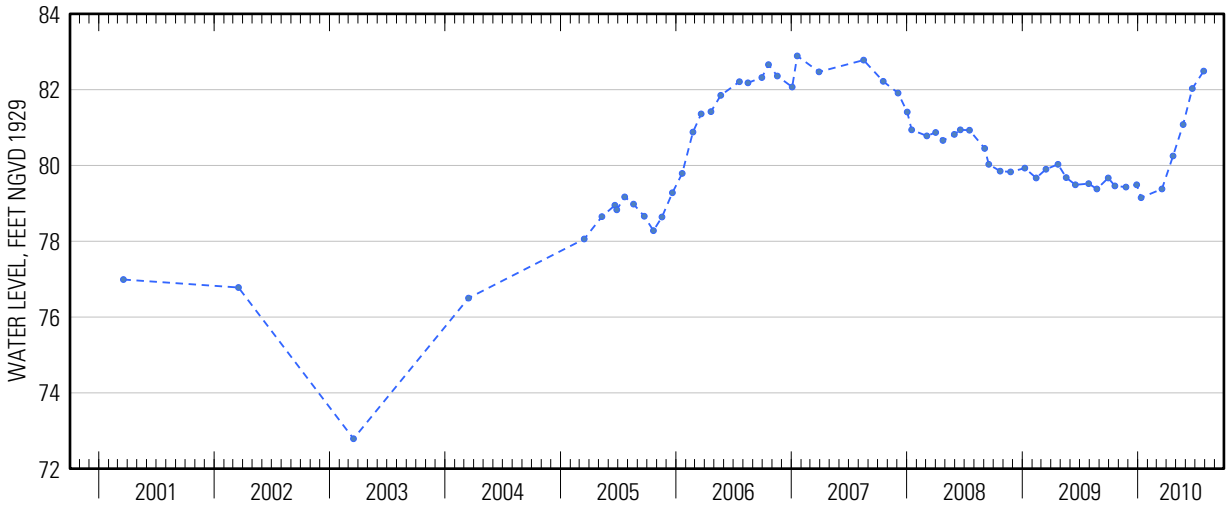
PERIOD OF RECORD.--December 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 79.46 | Apr 22 | 80.25 |
| Nov 24 | 79.43 | May 24 | 81.08 |
| Dec 28 | 79.49 | Jun 22 | 82.03 |
| Jan 11 | 79.15 | Jul 28 | 82.49 |
| Mar 18 | 79.38 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404949073215101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404949073215101.2010.pdf

Water-Data Report 2010

# 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.

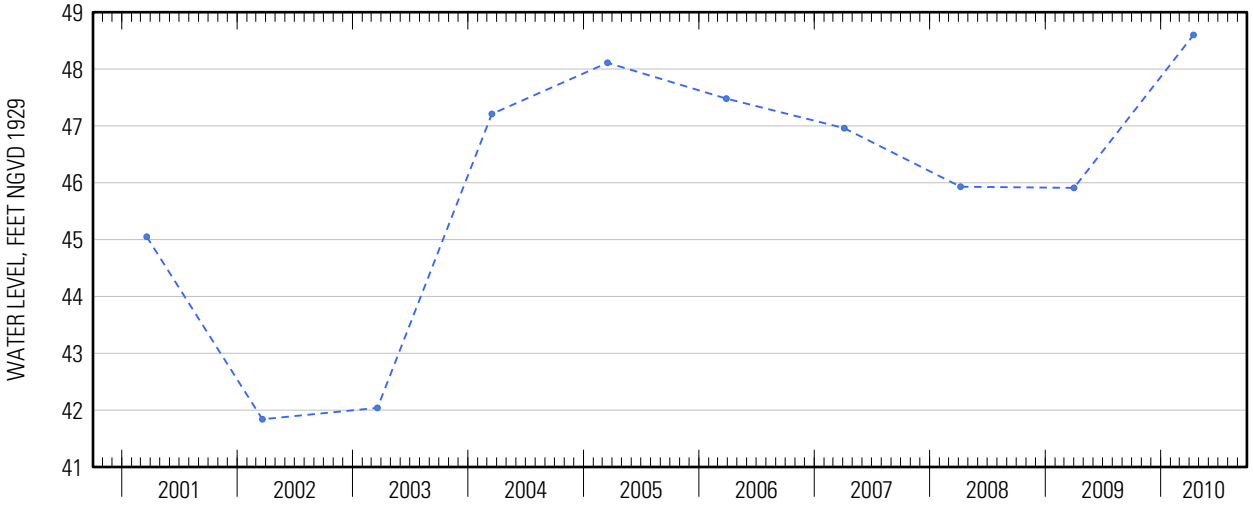
PERIOD OF RECORD.--March 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.60 ft above sea level, April 14, 2010; lowest measured, 39.58 ft above sea level, March 18, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 48.60 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404950073085002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404950073085002.2010.pdf

Water-Data Report 2010

# 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.

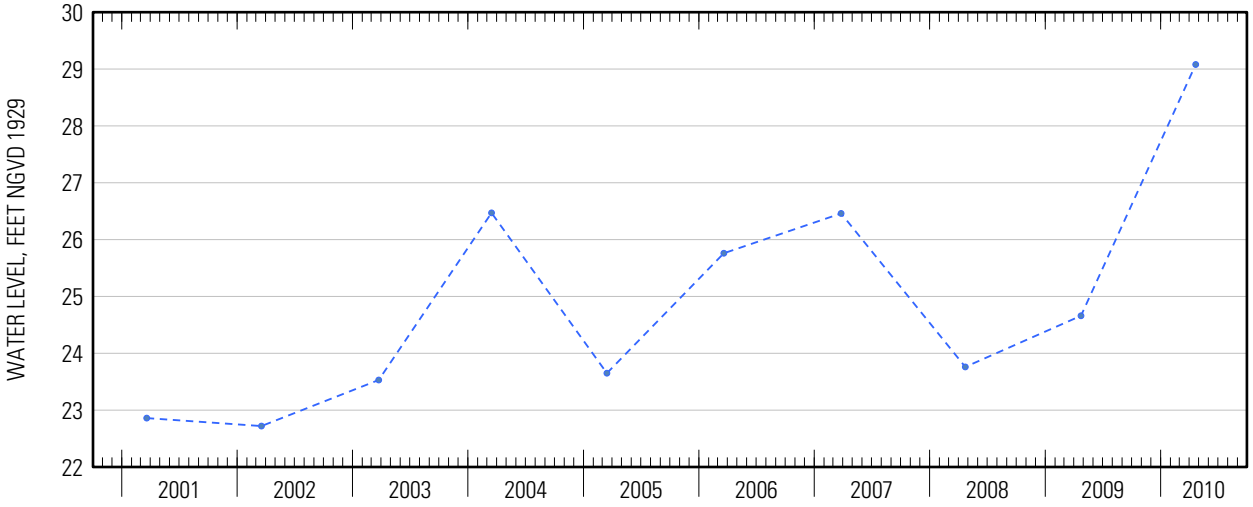
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.08 ft above sea level, April 21, 2010; lowest measured, 20.22 ft above sea level, December 4, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 29.08 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404952073470501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404952073470501.2010.pdf

Water-Data Report 2010

# 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.

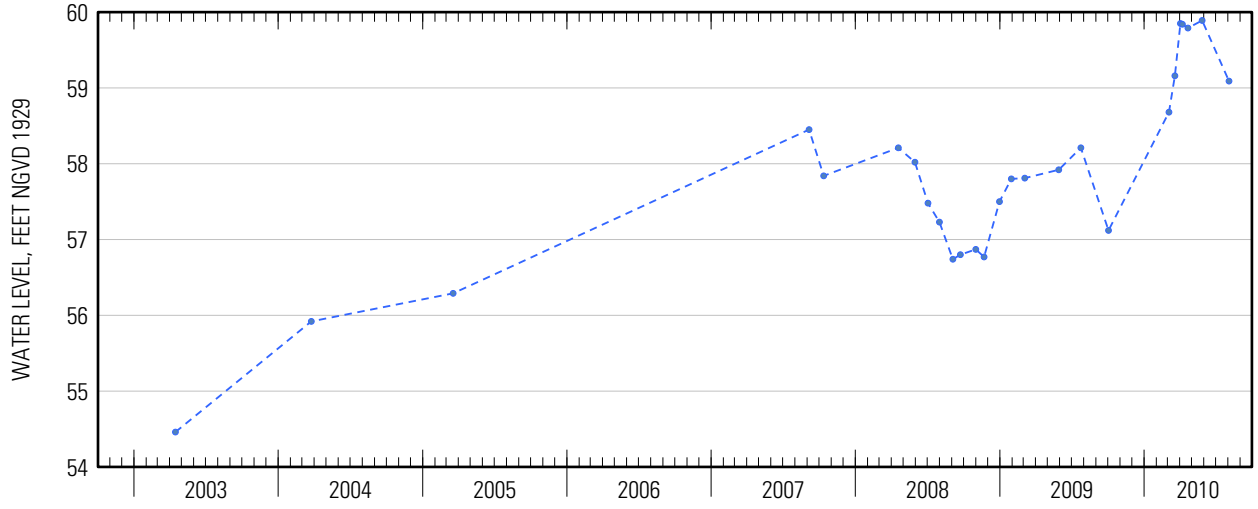
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S1811.1 in March 1987 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 59.89 ft above sea level, May 27, 2010; lowest measured, 52.73 ft above sea level, September 21, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 2 | 57.12 | Apr 7 | 59.84 |
| Mar 4 | 58.68 | 21 | 59.79 |
| 19 | 59.16 | May 27 | 59.89 |
| Apr 2 | 59.85 | Aug 3 | 59.09 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404957073073701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404957073073701.2010.pdf

Water-Data Report 2010

# 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.

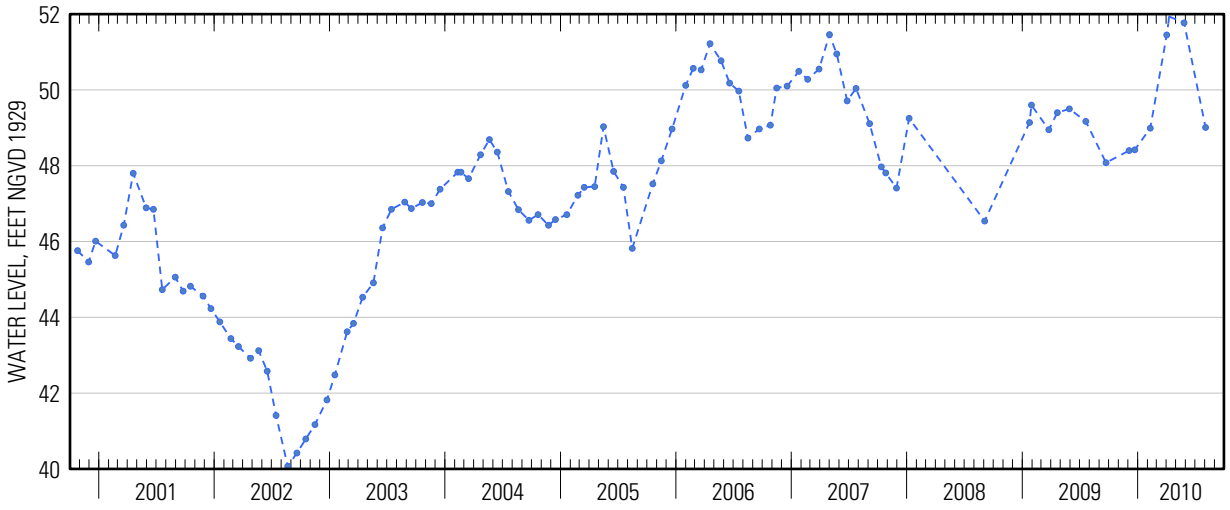
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

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, 51.94 ft above sea level, April 9, 2010; lowest measured, 40.07 ft above sea level, August 21, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Dec 4 | 48.40 | Apr 8 | 51.81 |
| 22 | 48.42 | 9 | 51.94 |
| Feb 9 | 48.99 | May 27 | 51.77 |
| Apr 2 | 51.45 | Aug 3 | 49.01 |
| 7 | 51.75 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 404958073085001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/404958073085001.2010.pdf

Water-Data Report 2010

# 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.

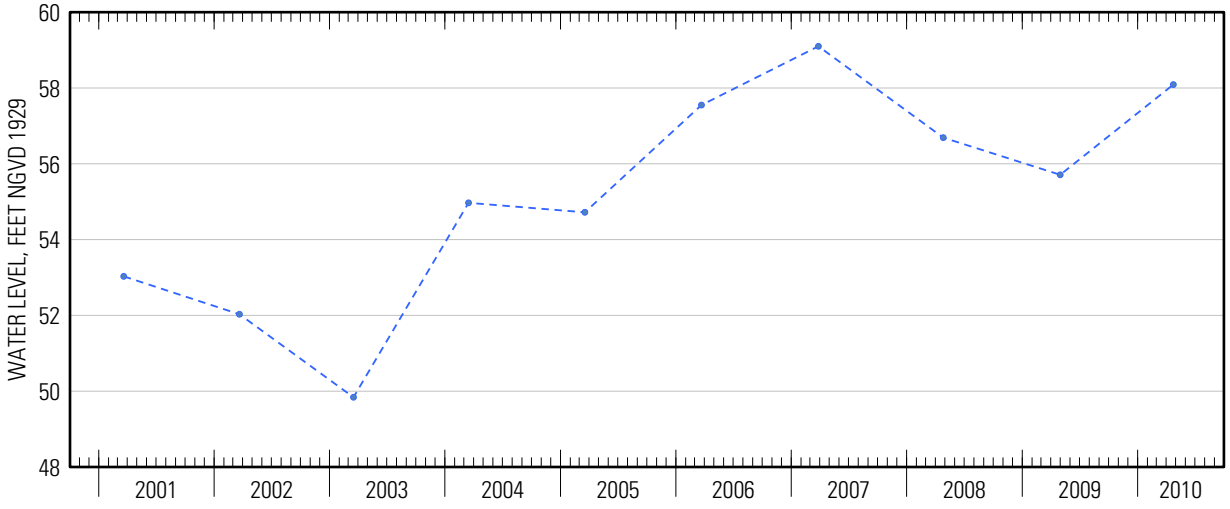
PERIOD OF RECORD.--January 1979 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 58.09 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405002073043501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405002073043501.2010.pdf

Water-Data Report 2010

# 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.

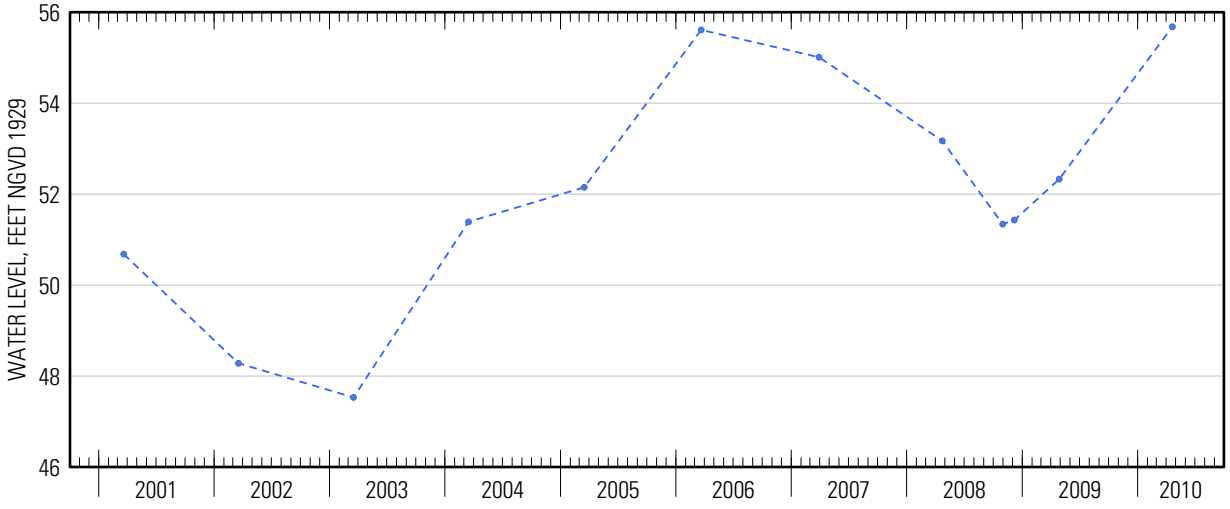
PERIOD OF RECORD.--September 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 55.68 |



Water-Data Report 2010

# 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.

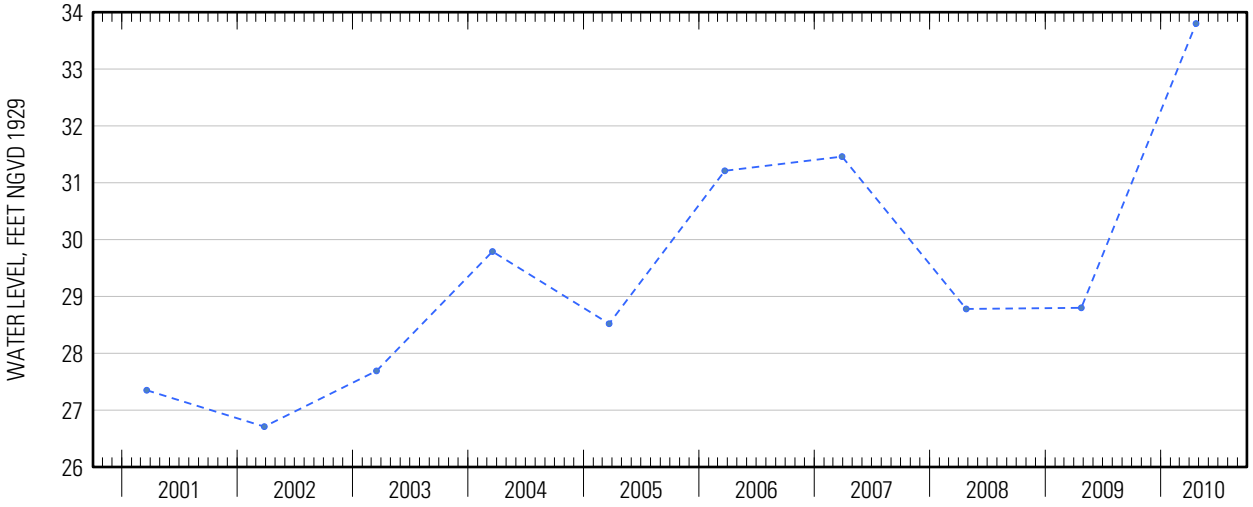
PERIOD OF RECORD.--March 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.80 ft above sea level, April 22, 2010; lowest measured, 26.02 ft above sea level, March 13, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 33.80 |



Water-Data Report 2010

# 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.

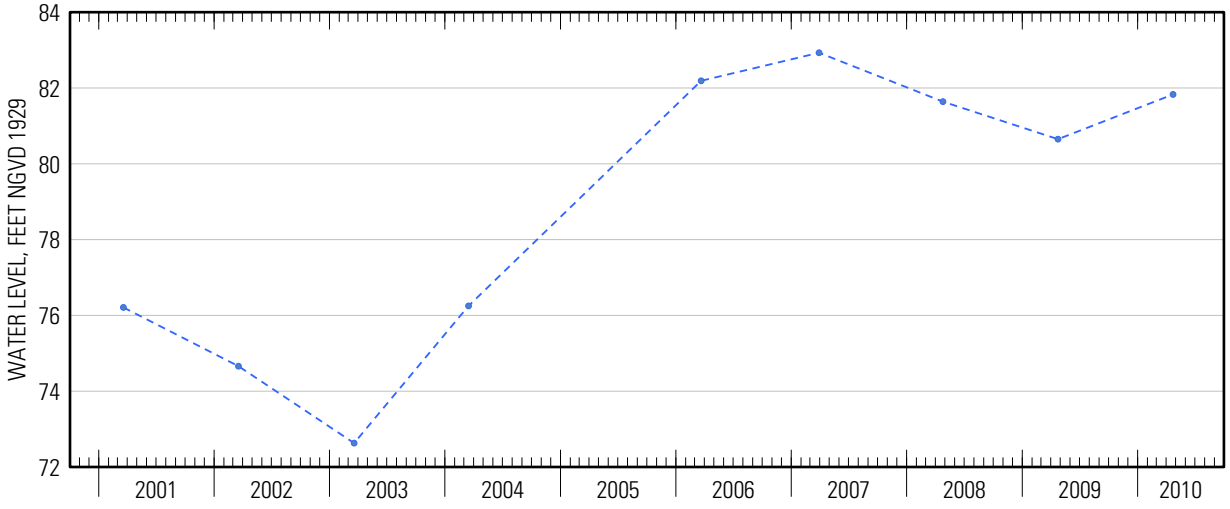
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 81.83 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405005073233701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405005073233701.2010.pdf

Water-Data Report 2010

# 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.

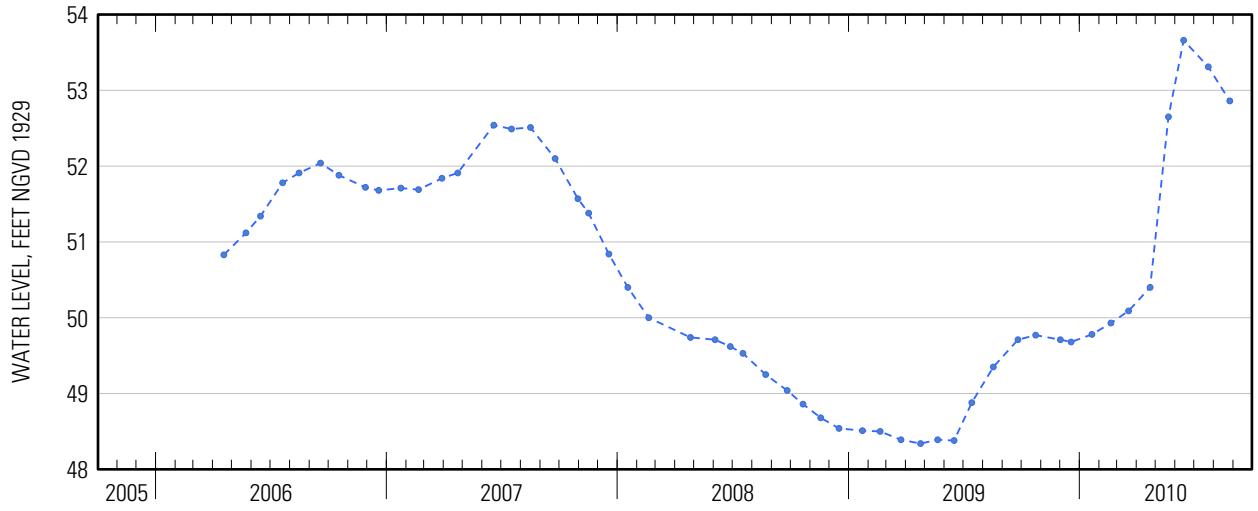
PERIOD OF RECORD.--June 1958 to August 1996 and April 2006 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 49.77 | Apr 22 | 50.40 |
| Dec 1 | 49.71 | May 21 | 52.65 |
| 18 | 49.68 | Jun 14 | 53.66 |
| Jan 20 | 49.78 | Jul 23 | 53.31 |
| Feb 19 | 49.93 | Aug 26 | 52.86 |
| Mar 19 | 50.09 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405010072580901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405010072580901.2010.pdf

Water-Data Report 2010

# 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.

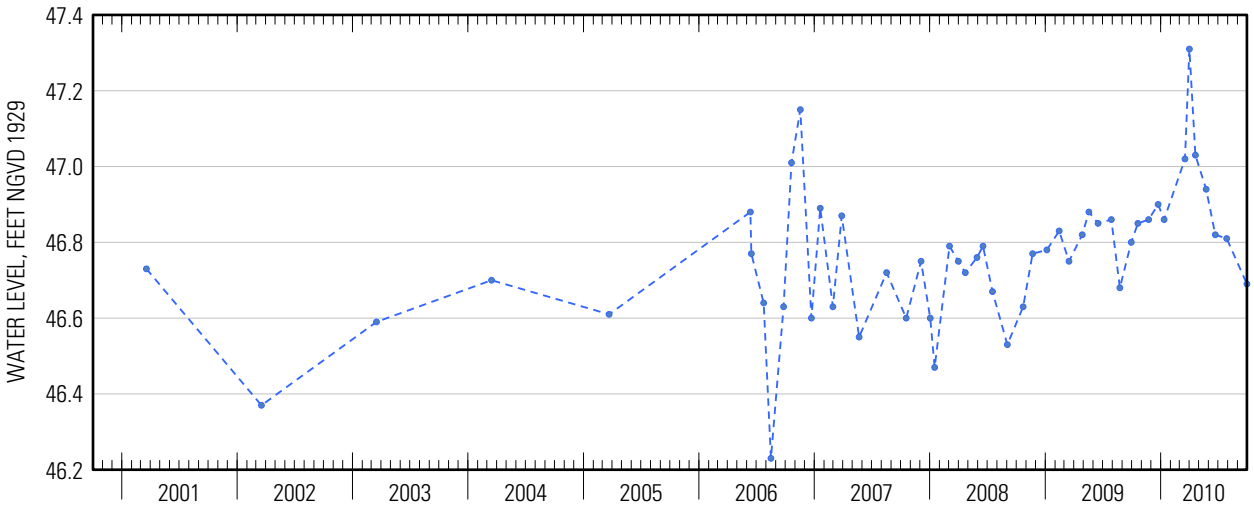
PERIOD OF RECORD.--December 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.31 ft above sea level, April 1, 2010; lowest measured, 45.36 ft above sea level, September 14, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 46.85 | Apr 20 | 47.03 |
| Nov 23 | 46.86 | May 24 | 46.94 |
| Dec 23 | 46.90 | Jun 22 | 46.82 |
| Jan 11 | 46.86 | Jul 28 | 46.81 |
| Mar 18 | 47.02 | Sep 30 | 46.69 |
| Apr 1 | 47.31 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405010073103101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405010073103101.2010.pdf

Water-Data Report 2010

# 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.

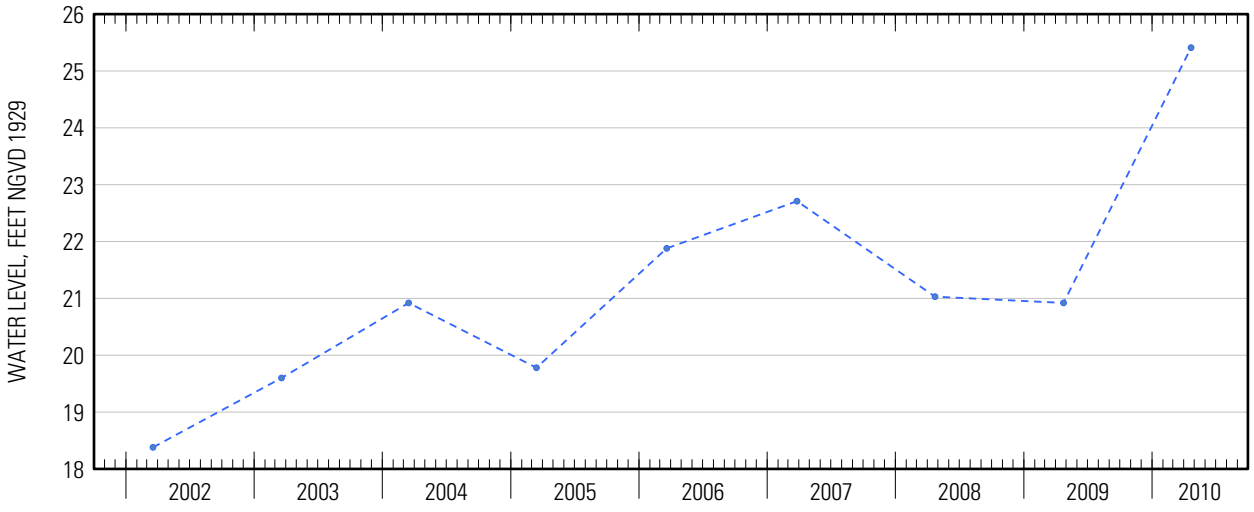
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S36152.2 in July 2001 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.41 ft above sea level, April 21, 2010; lowest measured, 18.38 ft above sea level, March 18, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 25.41 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405012072444101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405012072444101.2010.pdf

Water-Data Report 2010

# 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.

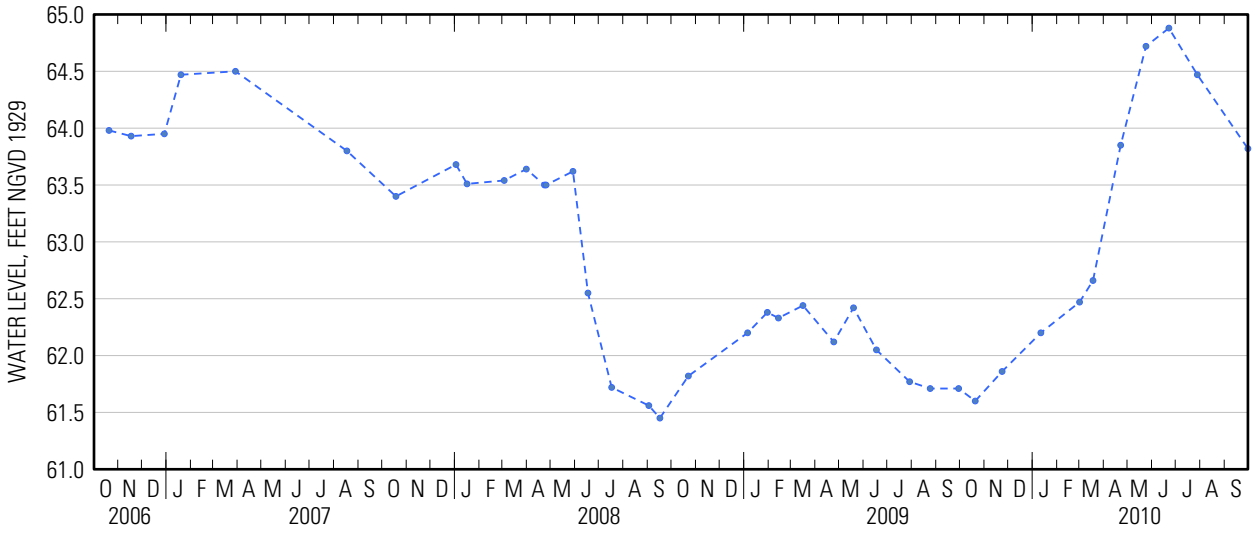
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S40840.2 in October 2002 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 64.88 ft above sea level, June 22, 2010; lowest measured, 61.45 ft above sea level, September 16, 2008.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 61.60 | Apr 22 | 63.85 |
| Nov 23 | 61.86 | May 24 | 64.72 |
| Jan 11 | 62.20 | Jun 22 | 64.88 |
| Mar 1 | 62.47 | Jul 28 | 64.47 |
| 18 | 62.66 | Sep 30 | 63.82 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405013073263602, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405013073263602.2010.pdf

Water-Data Report 2010

# 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.

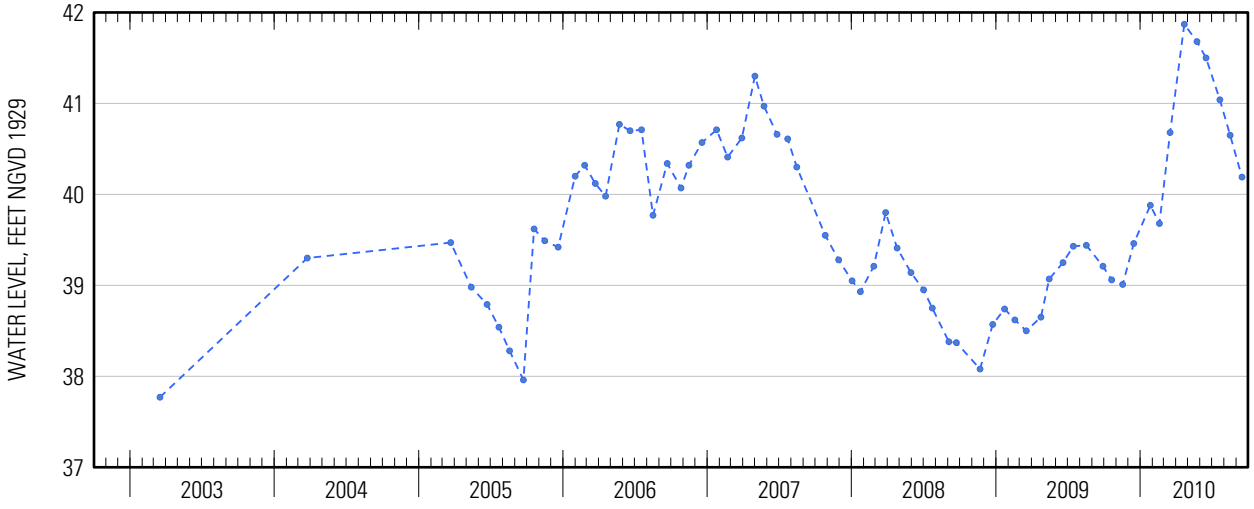
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.87 ft above sea level, April 22, 2010; lowest measured, 36.59 ft above sea level, August 21, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 39.06 | Apr 22 | 41.87 |
| Nov 17 | 39.01 | May 24 | 41.68 |
| Dec 15 | 39.46 | Jun 16 | 41.50 |
| Jan 26 | 39.88 | Jul 21 | 41.04 |
| Feb 18 | 39.68 | Aug 16 | 40.65 |
| Mar 17 | 40.68 | Sep 15 | 40.19 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405014072564001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405014072564001.2010.pdf

Water-Data Report 2010

# 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.

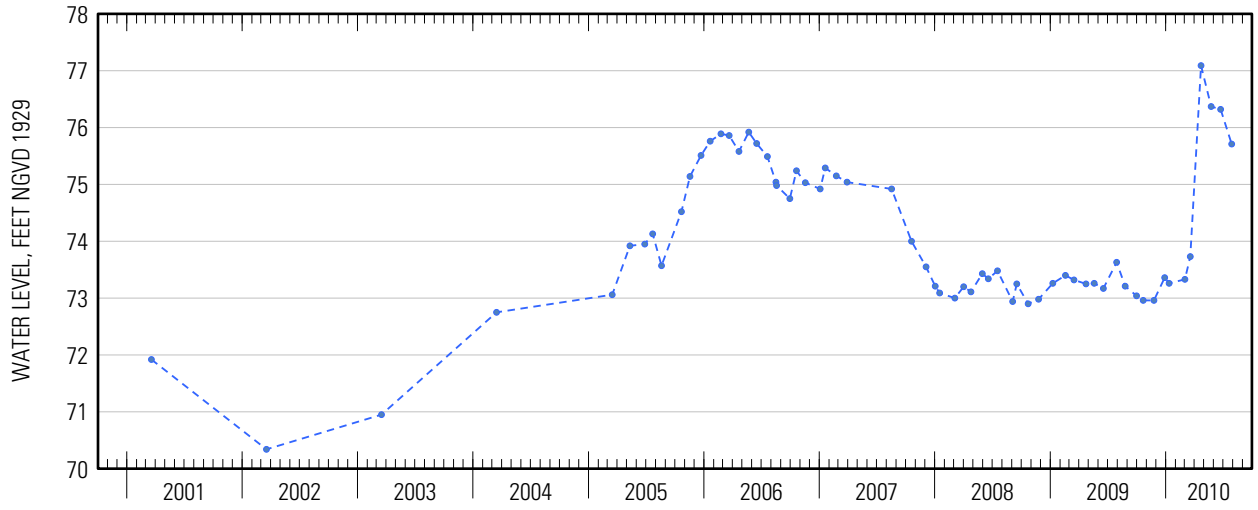
PERIOD OF RECORD.--September 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 77.09 ft above sea level, April 22, 2010; lowest measured, 69.31 ft above sea level, November 28, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 72.96 | Mar 19 | 73.73 |
| Nov 24 | 72.96 | Apr 22 | 77.09 |
| Dec 28 | 73.36 | May 24 | 76.37 |
| Jan 11 | 73.26 | Jun 23 | 76.32 |
| Mar 2 | 73.33 | Jul 28 | 75.71 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405030073180601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405030073180601.2010.pdf

Water-Data Report 2010

# 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.

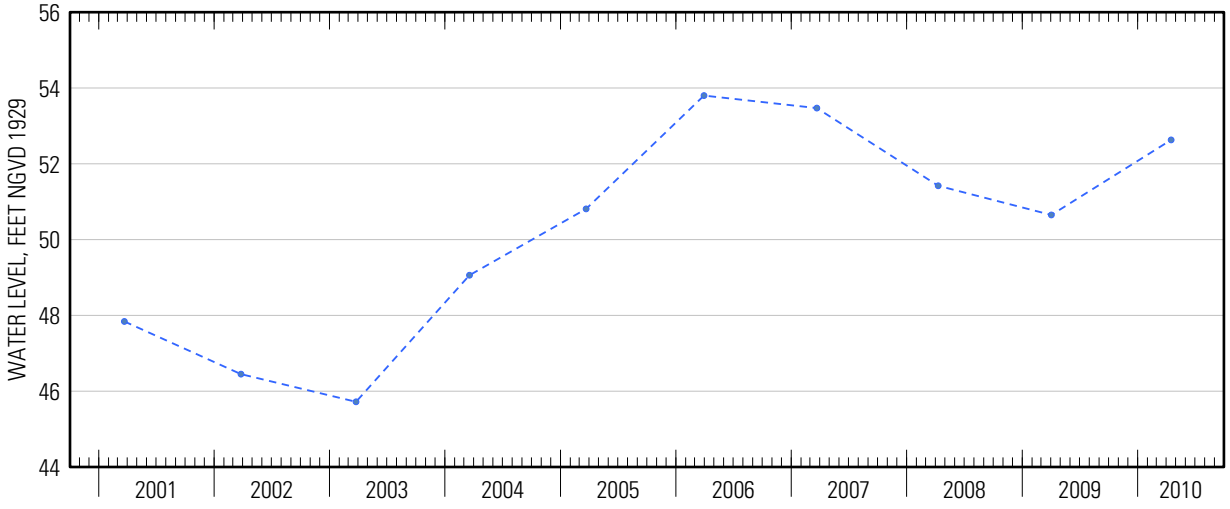
PERIOD OF RECORD.--May 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 52.63 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405032073162802, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405032073162802.2010.pdf

Water-Data Report 2010

# 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.

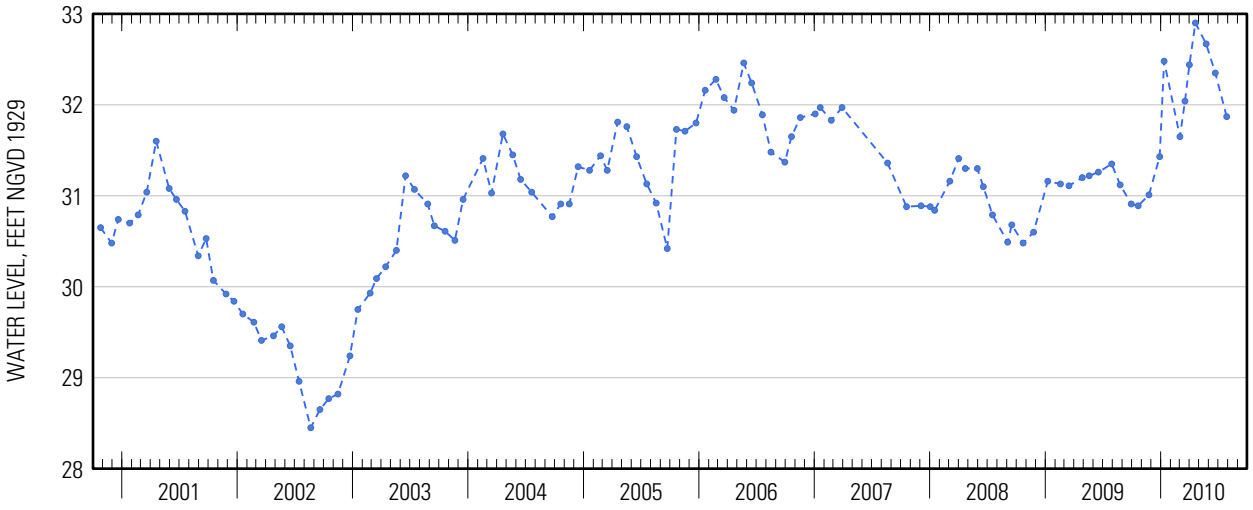
PERIOD OF RECORD.--July 1958 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 30.89 | Apr 1 | 32.44 |
| Nov 24 | 31.01 | 20 | 32.90 |
| Dec 28 | 31.43 | May 24 | 32.67 |
| Jan 11 | 32.48 | Jun 22 | 32.35 |
| Mar 2 | 31.65 | Jul 28 | 31.87 |
| 18 | 32.04 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405034073140401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405034073140401.2010.pdf

Water-Data Report 2010

# 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.

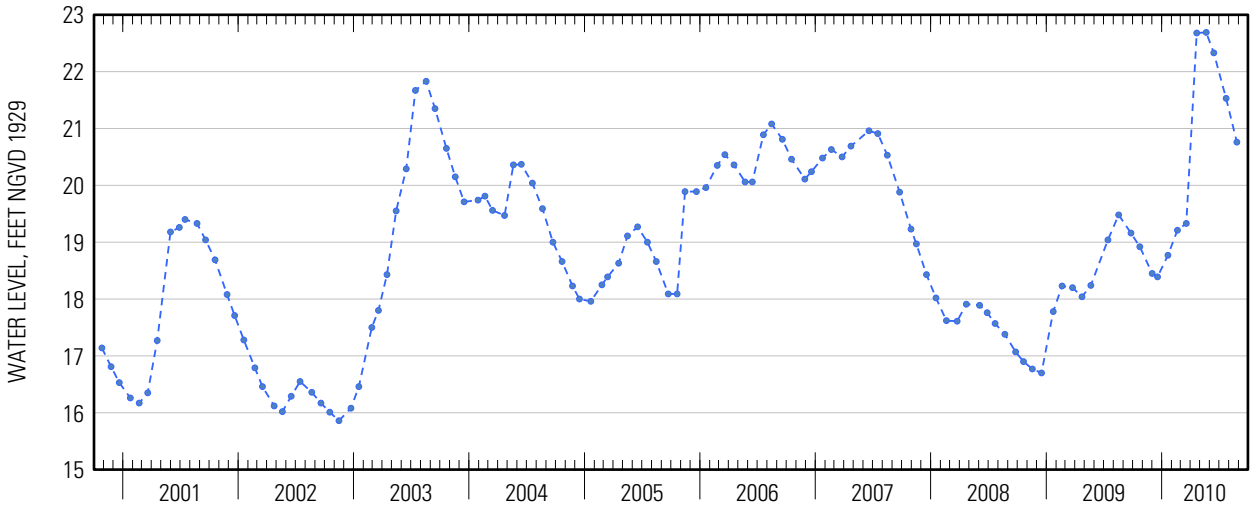
PERIOD OF RECORD.--March 1907 to December 1909, April 1942 to April 1943, and January 1947 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.69 ft above sea level, May 21, 2010; lowest measured, 14.94 ft above sea level, November 25, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 18.92 | Apr 21 | 22.68 |
| Dec 1 | 18.45 | May 21 | 22.69 |
| 18 | 18.39 | Jun 14 | 22.33 |
| Jan 20 | 18.77 | Jul 23 | 21.53 |
| Feb 19 | 19.21 | Aug 26 | 20.76 |
| Mar 19 | 19.33 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405037072390301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405037072390301.2010.pdf

Water-Data Report 2010

# 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.

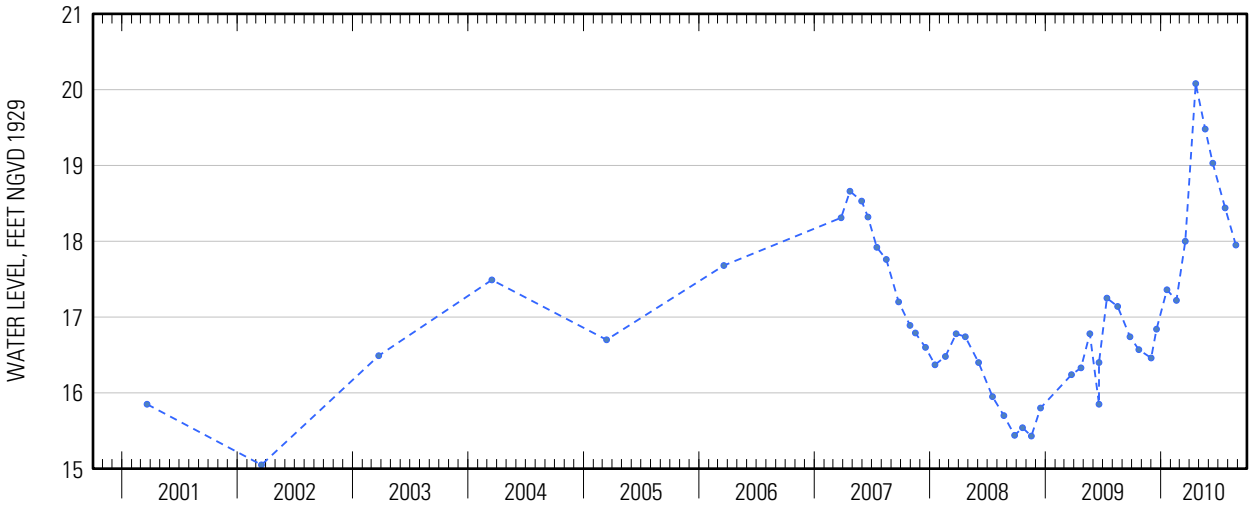
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.08 ft above sea level, April 21, 2010; lowest measured, 14.98 ft above sea level, March 22, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 16.57 | Apr 21 | 20.08 |
| Dec 1 | 16.46 | May 21 | 19.48 |
| 18 | 16.84 | Jun 14 | 19.03 |
| Jan 20 | 17.36 | Jul 23 | 18.44 |
| Feb 19 | 17.22 | Aug 26 | 17.95 |
| Mar 19 | 18.00 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405038072431101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405038072431101.2010.pdf

Water-Data Report 2010

# 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.

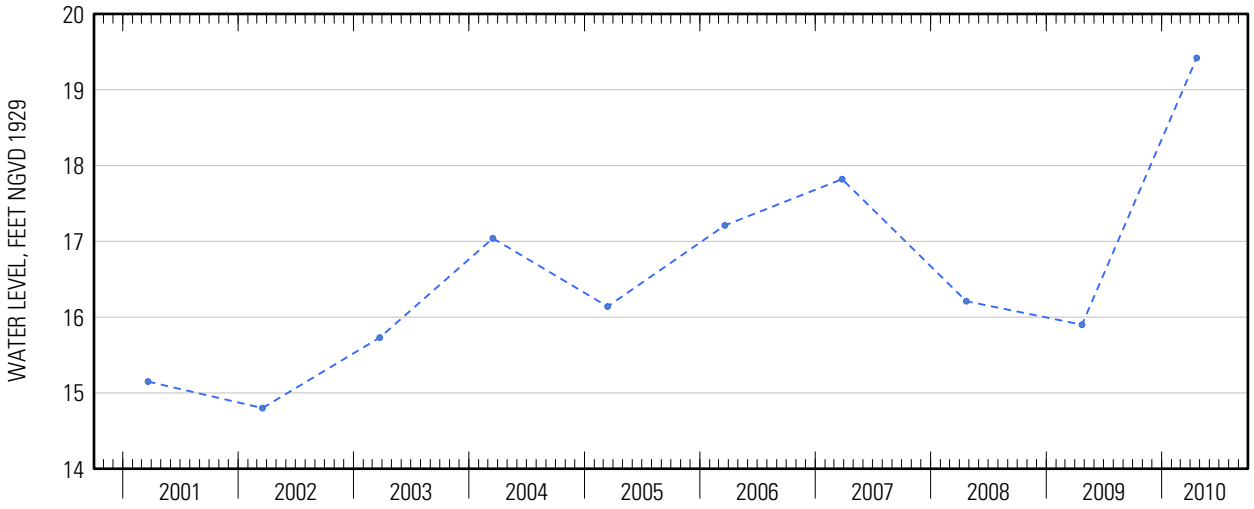
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.42 ft above sea level, April 21, 2010; lowest measured, 14.63 ft above sea level, March 22, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 19.42 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405038072431102, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405038072431102.2010.pdf

Water-Data Report 2010

# 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.

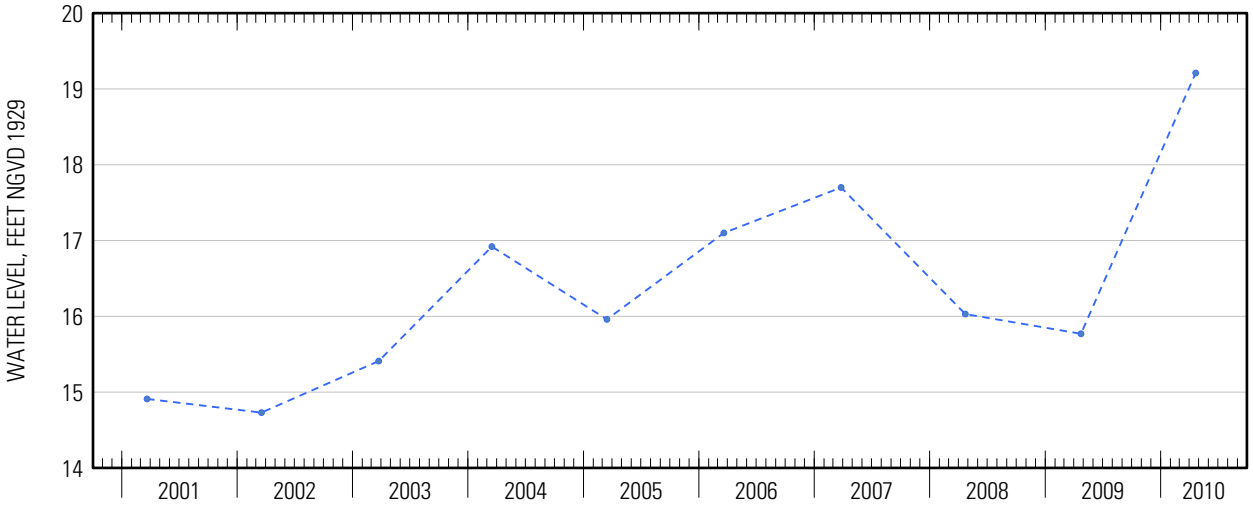
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.21 ft above sea level, April 21, 2010; lowest measured, 14.49 ft above sea level, March 18, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 19.21 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405038072431103, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405038072431103.2010.pdf

Water-Data Report 2010

# 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.

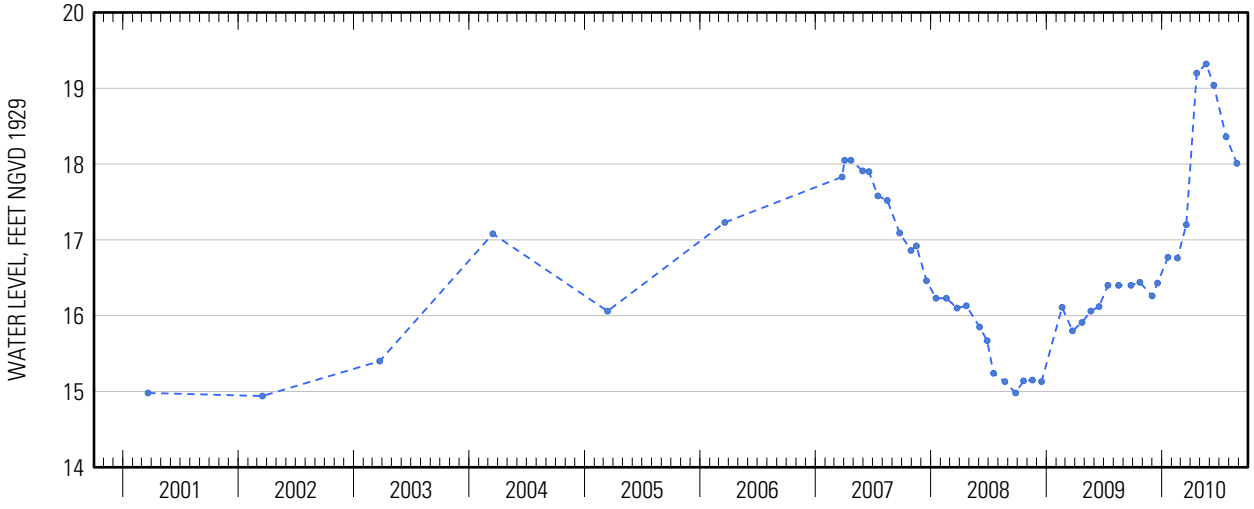
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.32 ft above sea level, May 21, 2010; lowest measured, 14.55 ft above sea level, March 18, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 16.44 | Apr 21 | 19.20 |
| Dec 1 | 16.26 | May 21 | 19.32 |
| 18 | 16.43 | Jun 14 | 19.04 |
| Jan 20 | 16.77 | Jul 23 | 18.36 |
| Feb 19 | 16.76 | Aug 26 | 18.01 |
| Mar 19 | 17.20 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405038072431104, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405038072431104.2010.pdf

Water-Data Report 2010

# 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.

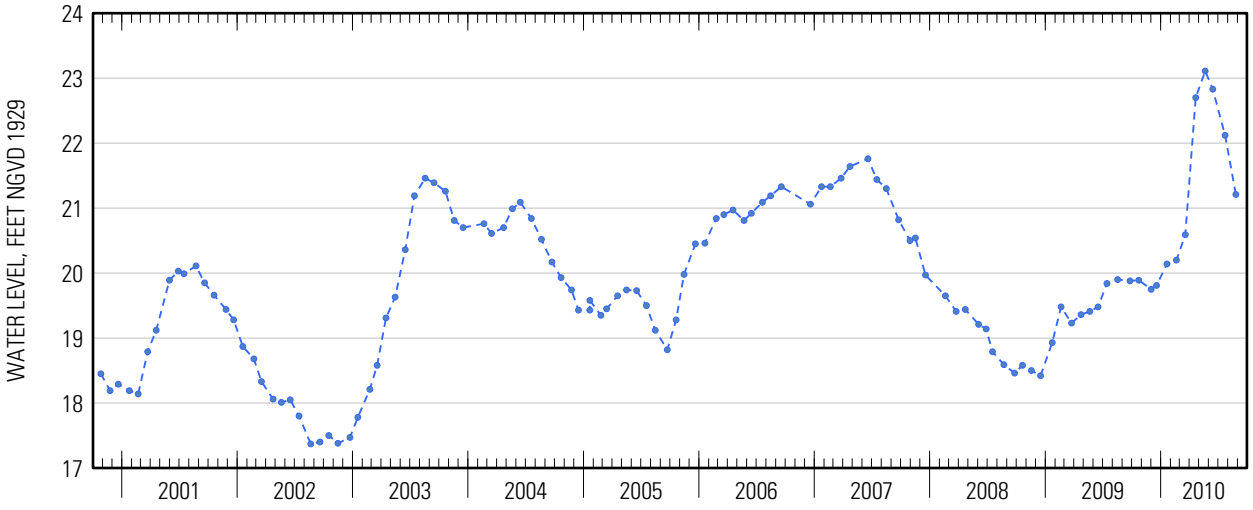
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.11 ft above sea level, May 21, 2010; lowest measured, 16.18 ft above sea level, March 18, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 19.89 | Apr 21 | 22.70 |
| Dec 1 | 19.75 | May 21 | 23.11 |
| 18 | 19.81 | Jun 14 | 22.83 |
| Jan 20 | 20.14 | Jul 23 | 22.12 |
| Feb 19 | 20.20 | Aug 26 | 21.21 |
| Mar 19 | 20.59 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405040072414801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405040072414801.2010.pdf

Water-Data Report 2010

# 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.

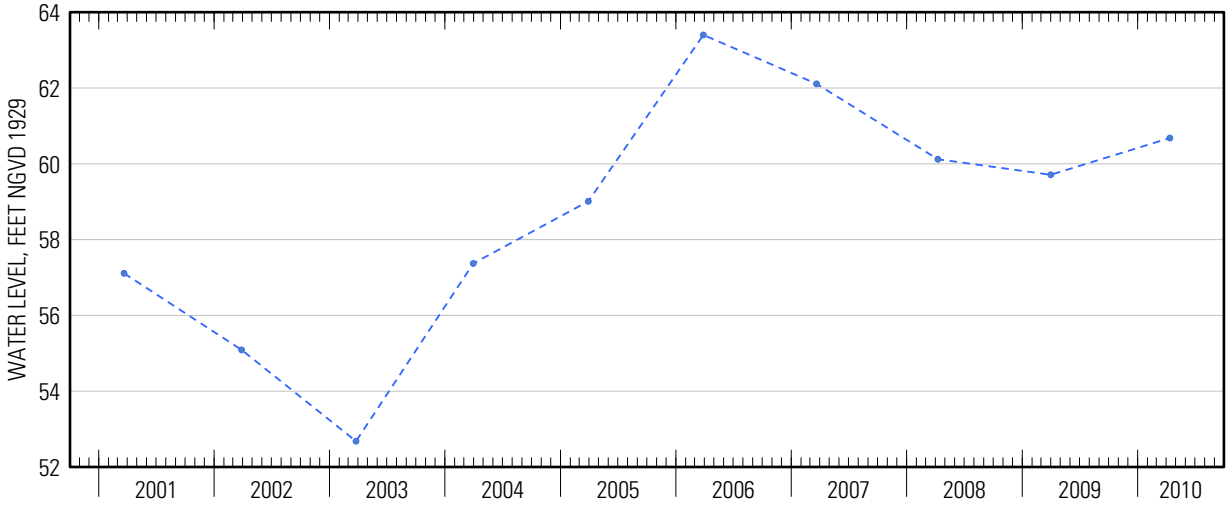
PERIOD OF RECORD.--April 1970 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 12 | 60.68 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405040073175801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405040073175801.2010.pdf

Water-Data Report 2010

# 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.

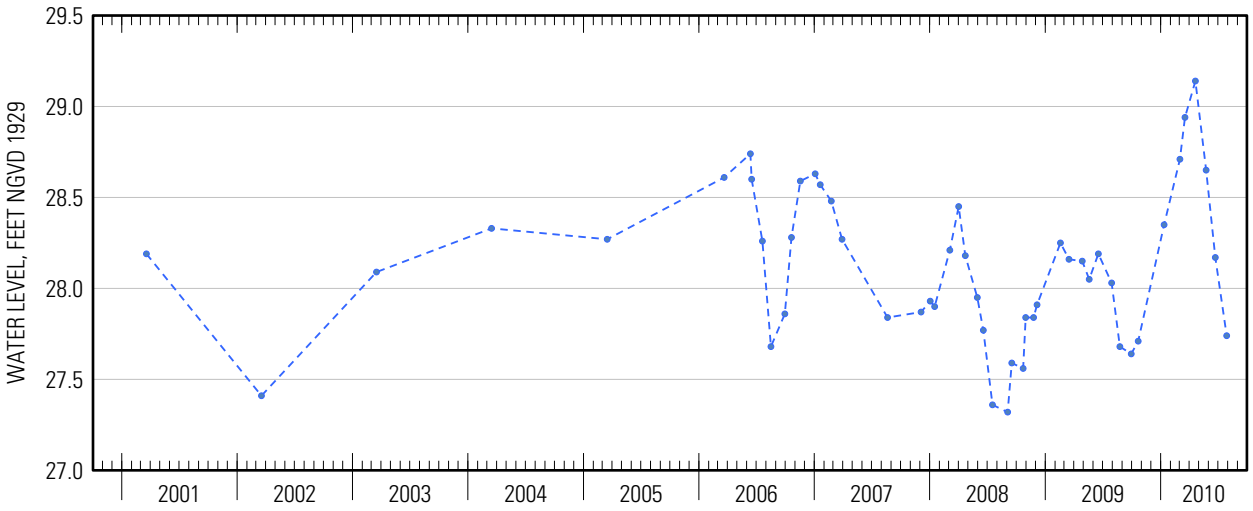
PERIOD OF RECORD.--December 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.14 ft above sea level, April 20, 2010; lowest measured, 26.93 ft above sea level, September 14, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 21 | 27.71 | Apr 20 | 29.14 |
| Jan 11 | 28.35 | May 24 | 28.65 |
| Mar 2 | 28.71 | Jun 22 | 28.17 |
| 18 | 28.94 | Jul 28 | 27.74 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405048073122801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405048073122801.2010.pdf

Water-Data Report 2010

# 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.

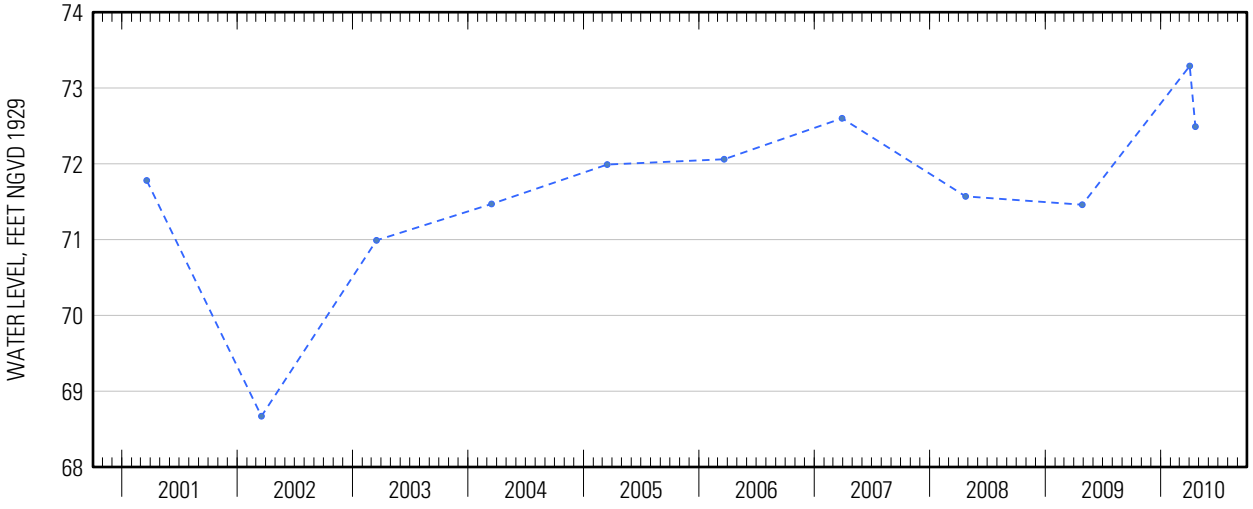
PERIOD OF RECORD.--April 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 2 | 73.29 | Apr 20 | 72.49 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405059073085601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405059073085601.2010.pdf

Water-Data Report 2010

# 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.

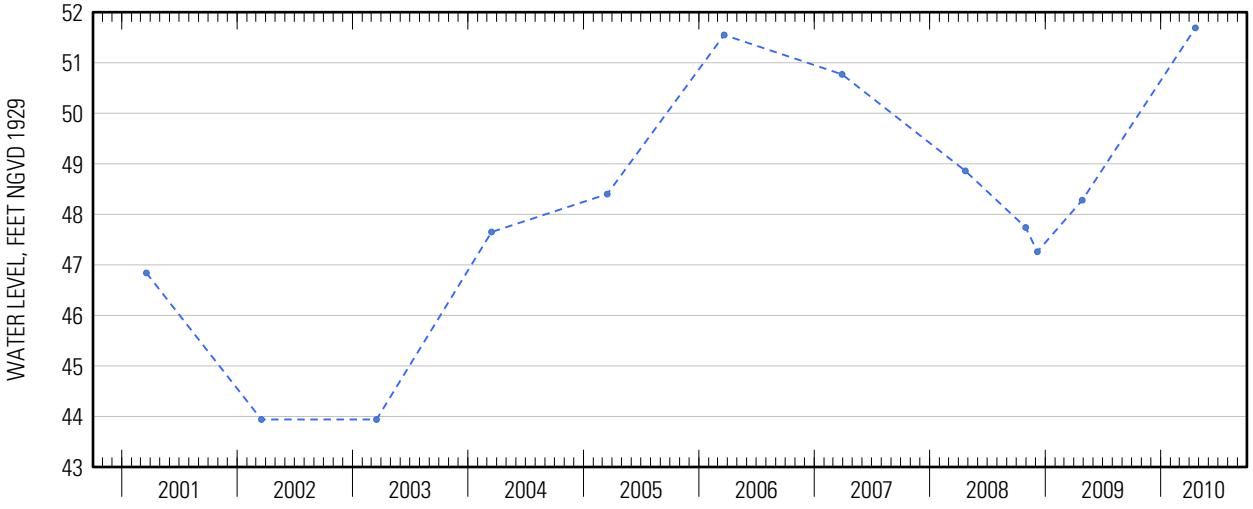
PERIOD OF RECORD.--April 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 51.69 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405100073152601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405100073152601.2010.pdf

Water-Data Report 2010

# 405109072513001 Local number S 2485. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°51′09″, long 72°51′30″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 8 in; top of first opening 65 ft, bottom of last opening 75 ft.

DATUM.--Land-surface datum is 69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of hole in pump base, 0.41 ft below land-surface datum.

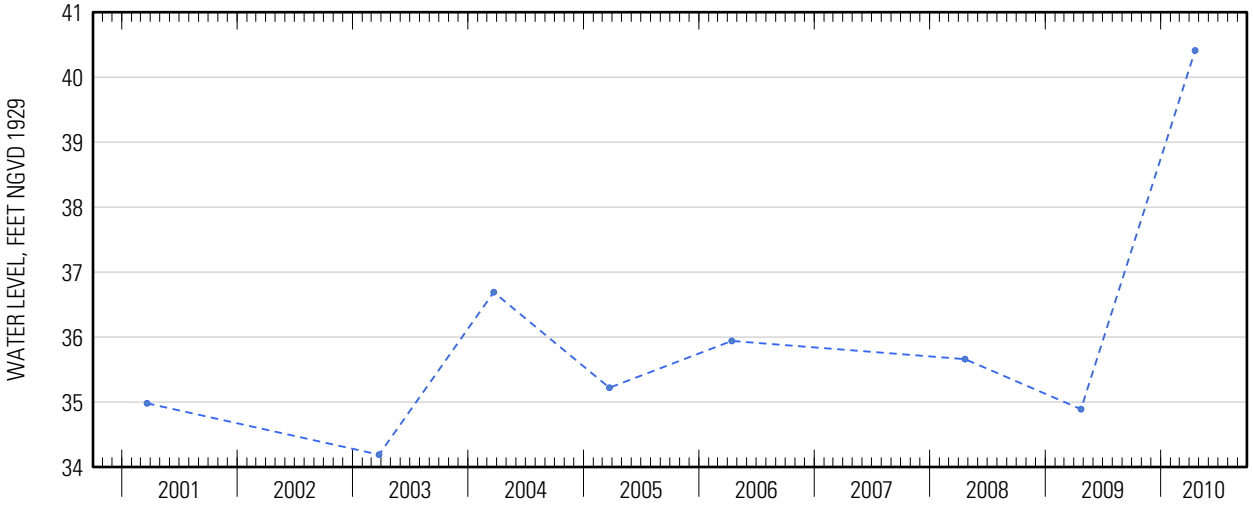
PERIOD OF RECORD.--July 1948 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.49 ft above sea level, March 28, 1979; lowest measured, 31.74 ft above sea level, October 28, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 40.41 |



Water-Data Report 2010

# 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.

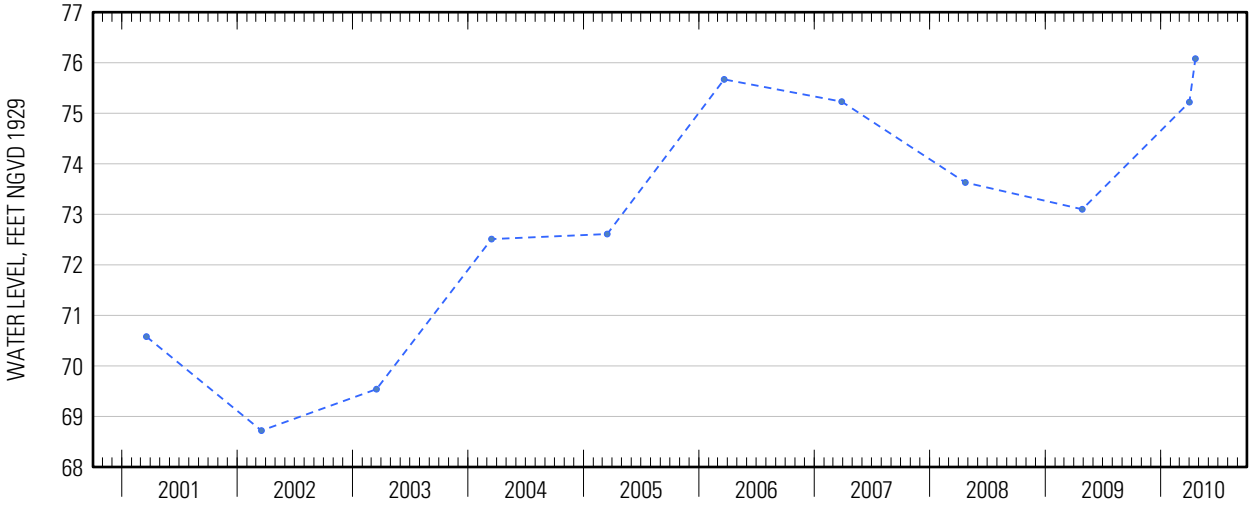
PERIOD OF RECORD.--April 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 76.08 ft above sea level, April 20, 2010; lowest measured, 67.33 ft above sea level, December 14, 1977.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 1 | 75.22 | Apr 20 | 76.08 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405120073085101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405120073085101.2010.pdf

Water-Data Report 2010

# 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.

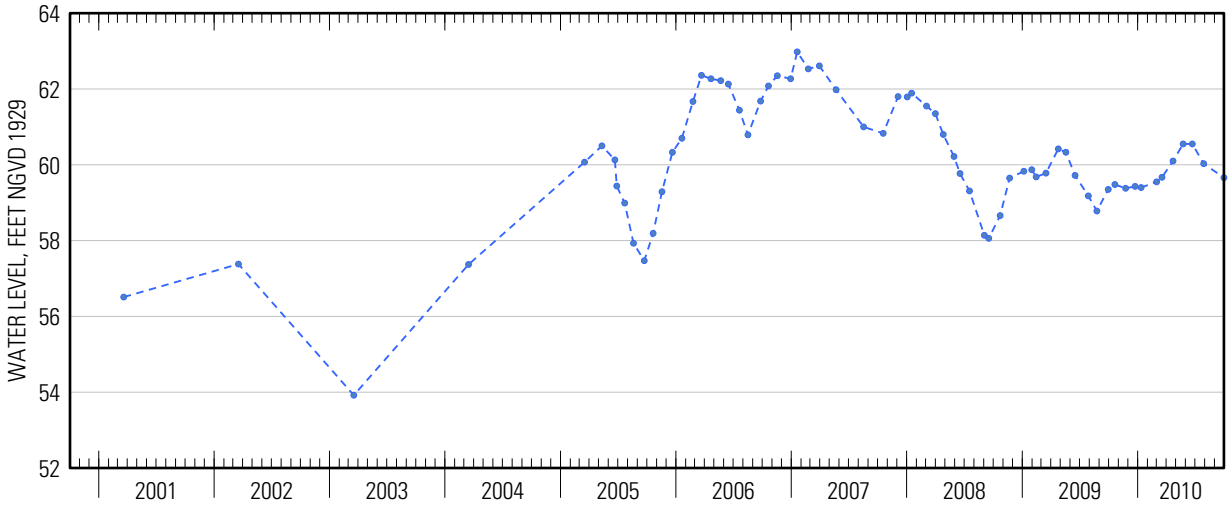
PERIOD OF RECORD.--June 1975 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 59.48 | Apr 22 | 60.10 |
| Nov 23 | 59.38 | May 24 | 60.55 |
| Dec 23 | 59.43 | Jun 22 | 60.55 |
| Jan 11 | 59.40 | Jul 28 | 60.03 |
| Mar 1 | 59.55 | Sep 30 | 59.66 |
| 18 | 59.67 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405120073231801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405120073231801.2010.pdf

Water-Data Report 2010

# 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.

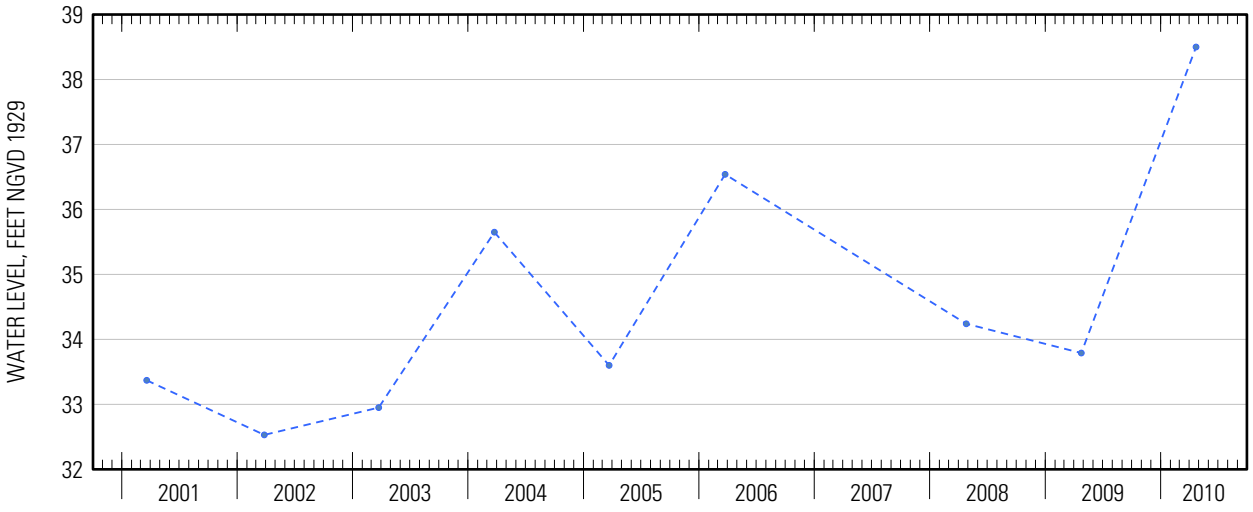
PERIOD OF RECORD.--October 1975 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 38.50 |



Water-Data Report 2010

# 405123073125101 Local number S 57484. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°51'18.62", long 73°12'46.71" 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.

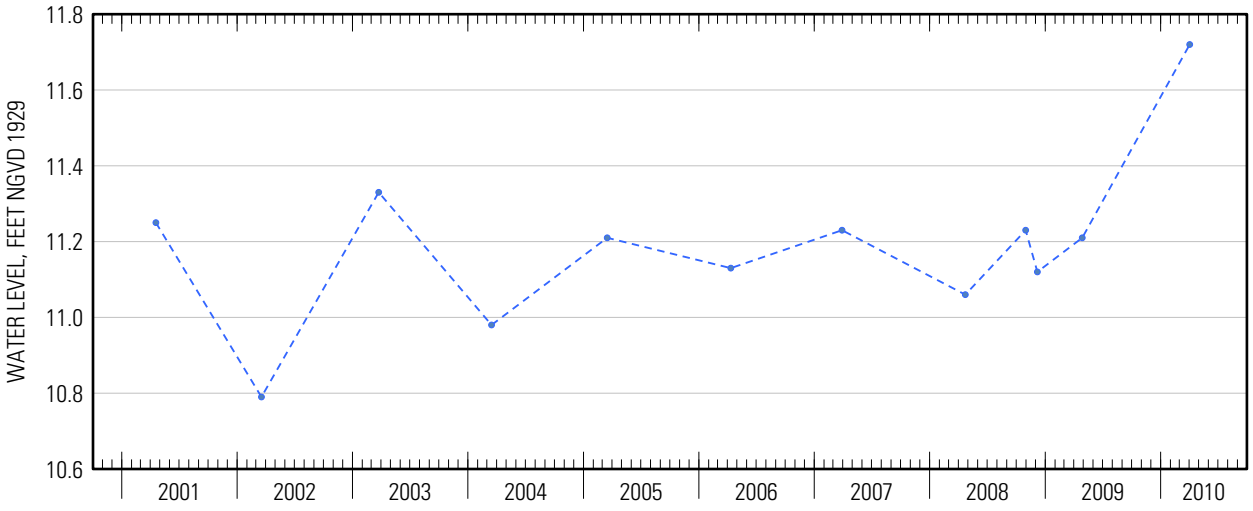
PERIOD OF RECORD.--November 1975 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 2 | 11.72 |



Water-Data Report 2010

# 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.

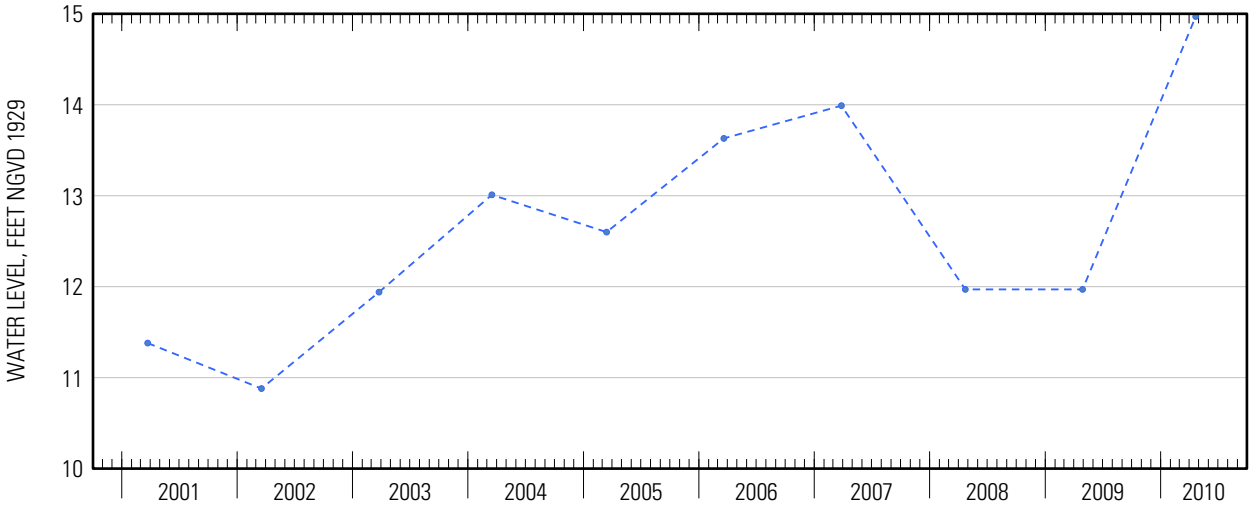
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.97 ft above sea level, April 21, 2010; lowest measured, 1.80 ft above sea level, June 24, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 14.97 |



Water-Data Report 2010

# 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.

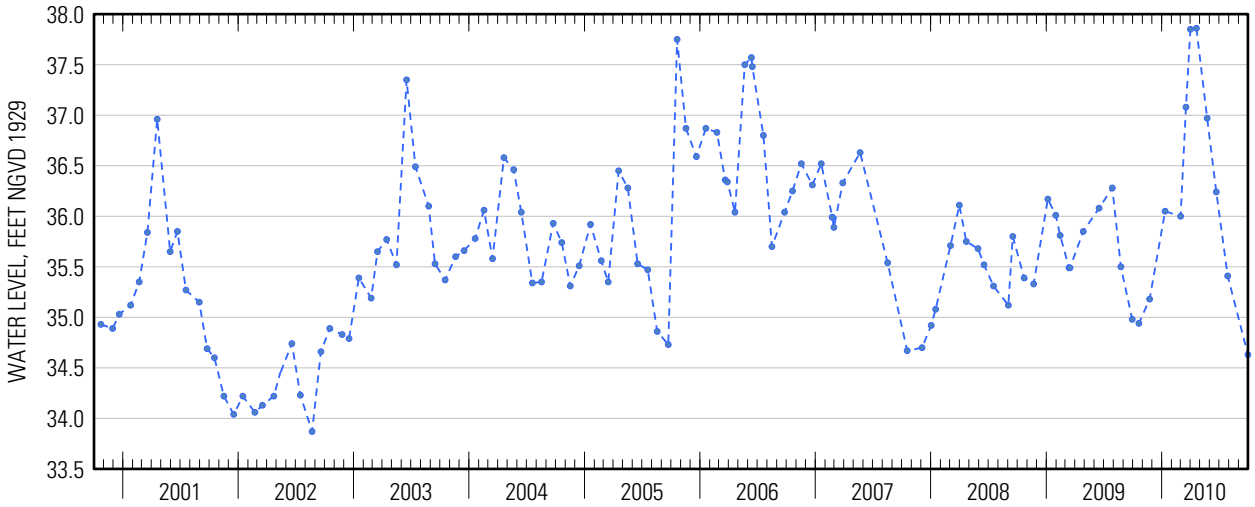
PERIOD OF RECORD.--July 1971 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 34.94 | Apr 20 | 37.86 |
| Nov 23 | 35.18 | May 24 | 36.97 |
| Jan 11 | 36.05 | Jun 22 | 36.24 |
| Mar 1 | 36.00 | Jul 28 | 35.41 |
| 18 | 37.08 | Sep 30 | 34.63 |
| Apr 1 | 37.85 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405124073111501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405124073111501.2010.pdf

Water-Data Report 2010

# 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.

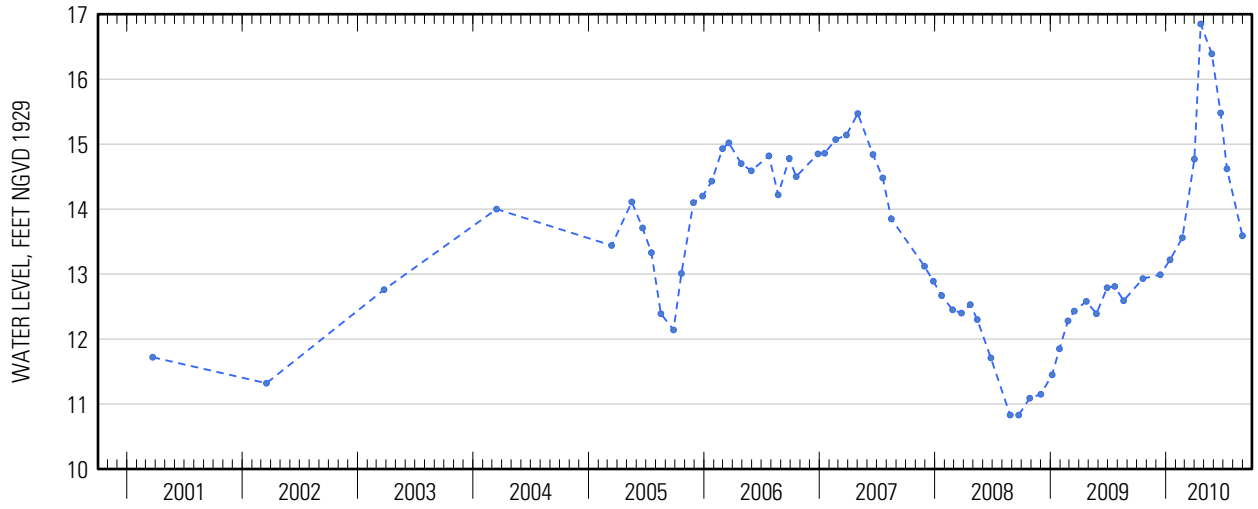
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.85 ft above sea level, April 21, 2010; lowest measured, 9.51 ft above sea level, December 18, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 12.93 | Apr 21 | 16.85 |
| Dec 14 | 12.99 | May 26 | 16.39 |
| Jan 14 | 13.22 | Jun 23 | 15.48 |
| Feb 22 | 13.56 | Jul 13 | 14.62 |
| Apr 1 | 14.77 | Aug 31 | 13.59 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405130072353101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405130072353101.2010.pdf

Water-Data Report 2010

# 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.

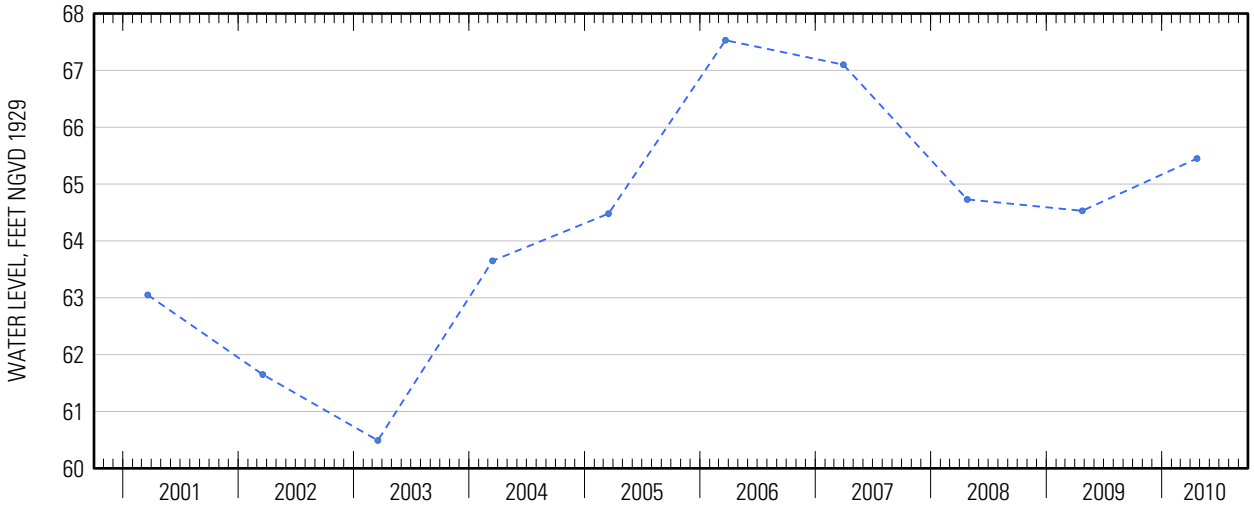
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 65.45 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405132073181401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405132073181401.2010.pdf

Water-Data Report 2010

# 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.

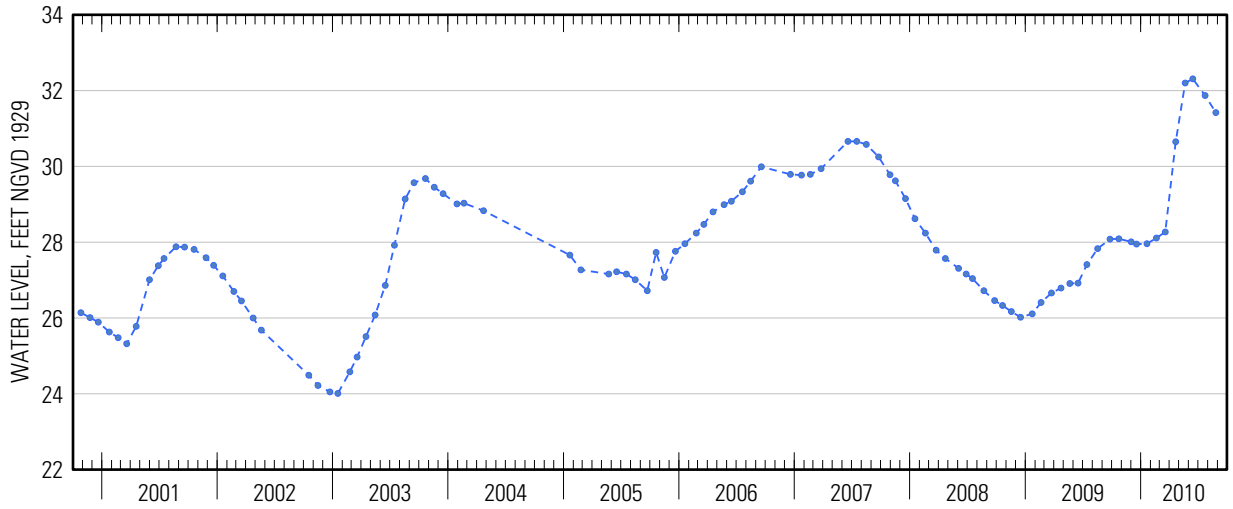
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.31 ft above sea level, June 14, 2010; lowest measured, 23.59 ft above sea level, January 18, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 28.09 | Apr 21 | 30.65 |
| Dec 1 | 28.01 | May 21 | 32.20 |
| 18 | 27.95 | Jun 14 | 32.31 |
| Jan 20 | 27.96 | Jul 23 | 31.87 |
| Feb 19 | 28.11 | Aug 26 | 31.42 |
| Mar 19 | 28.27 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405139072432401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405139072432401.2010.pdf

Water-Data Report 2010

# 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.

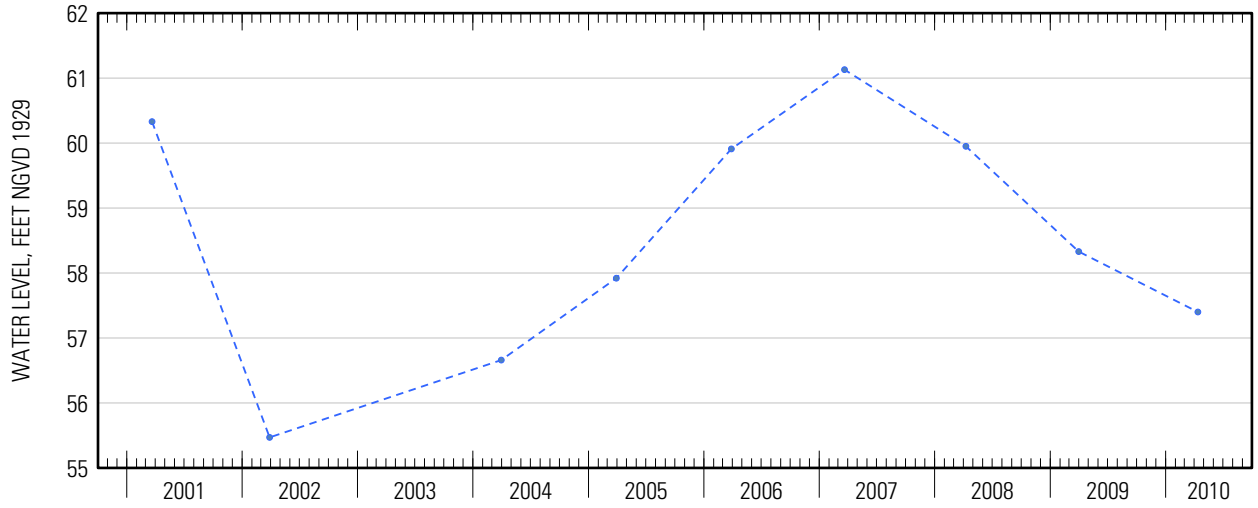
PERIOD OF RECORD.--March 1970 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 12 | 57.40 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405140073222101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405140073222101.2010.pdf

Water-Data Report 2010

# 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.

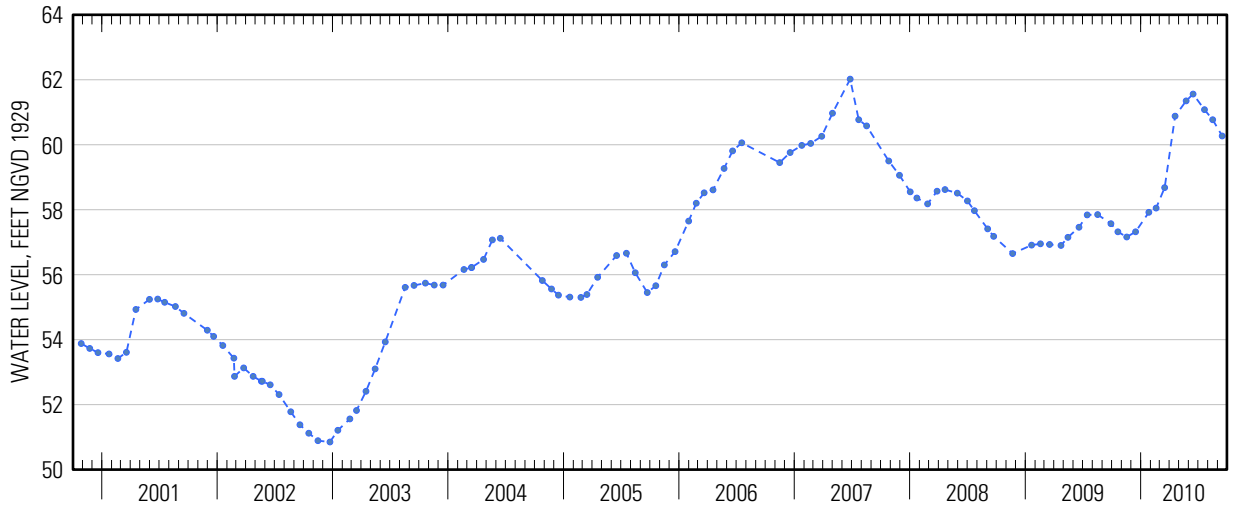
PERIOD OF RECORD.--January 1954 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 57.32 | Apr 19 | 60.88 |
| Nov 17 | 57.16 | May 24 | 61.35 |
| Dec 15 | 57.32 | Jun 15 | 61.56 |
| Jan 26 | 57.92 | Jul 21 | 61.08 |
| Feb 18 | 58.05 | Aug 16 | 60.77 |
| Mar 17 | 58.68 | Sep 15 | 60.27 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405145072592501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405145072592501.2010.pdf

Water-Data Report 2010

# 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.

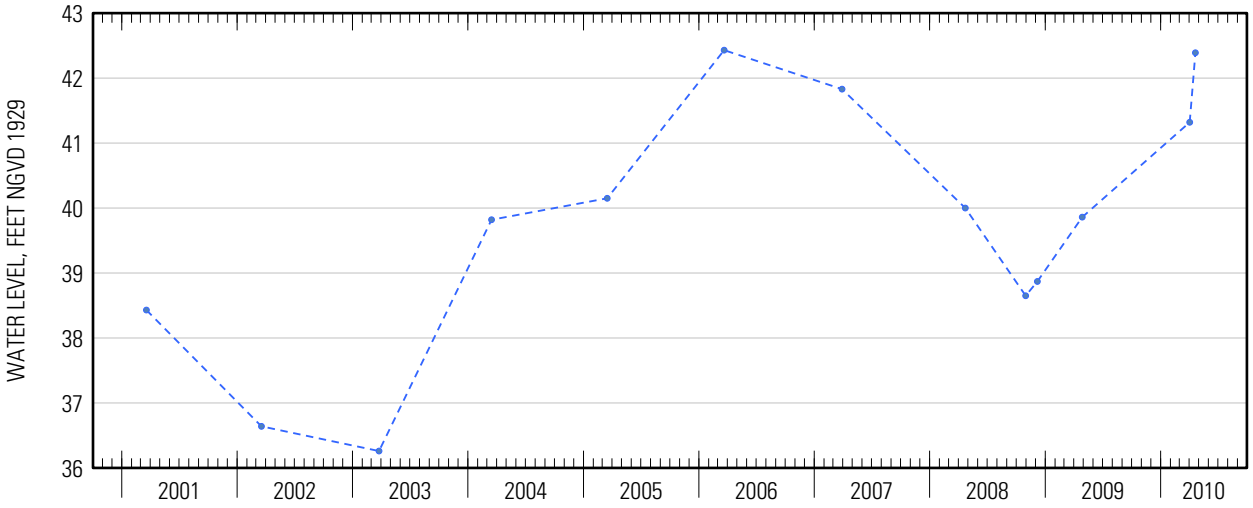
PERIOD OF RECORD.--December 1973 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 2 | 41.32 | Apr 20 | 42.39 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405146073141001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405146073141001.2010.pdf

Water-Data Report 2010

# 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, 50 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, 47.61 ft above sea level, May 8, 2010; lowest recorded, 33.34 ft above sea level, March 1, 1967.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 47.61 ft above sea level, May 8; lowest recorded, 42.31 ft above sea level, November 23.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| May 14 | 47.53 | Sep 28 | 44.74 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405149072532201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405149072532201.2010.pdf

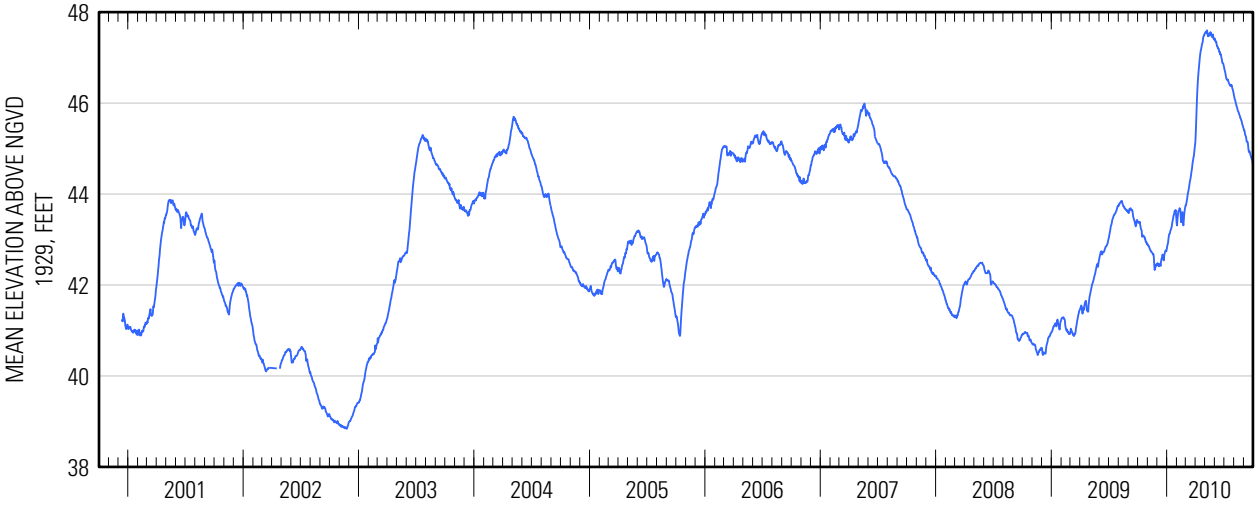
**405149072532201 Local number S 5517. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.38 | 42.89 | 42.46 | 42.81 | 43.34 | 43.75 | 45.16 | 47.53 | 47.42 | 46.78 | 46.17 | 45.43 |
| 2 | 43.37 | 42.87 | 42.46 | 42.86 | 43.31 | 43.75 | 45.31 | 47.55 | 47.38 | 46.74 | 46.14 | 45.40 |
| 3 | 43.38 | 42.87 | 42.48 | 42.89 | 43.42 | 43.78 | 45.50 | 47.56 | 47.38 | 46.71 | 46.10 | 45.40 |
| 4 | 43.38 | 42.85 | 42.43 | 42.91 | 43.49 | 43.82 | 45.70 | 47.56 | 47.35 | 46.69 | 46.08 | 45.37 |
| 5 | 43.37 | 42.85 | 42.46 | 42.96 | 43.56 | 43.86 | 45.90 | 47.54 | 47.35 | 46.65 | 46.06 | 45.32 |
| 6 | 43.37 | 42.83 | 42.41 | 43.03 | 43.62 | 43.90 | 46.09 | 47.58 | 47.35 | 46.61 | 46.03 | 45.29 |
| 7 | 43.39 | 42.81 | 42.42 | 43.07 | 43.63 | 43.96 | 46.25 | 47.54 | 47.30 | 46.57 | 45.99 | 45.28 |
| 8 | 43.33 | 42.79 | 42.43 | 43.12 | 43.63 | 44.01 | 46.39 | 47.60 | 47.26 | 46.54 | 45.97 | 45.26 |
| 9 | 43.30 | 42.77 | 42.46 | 43.12 | 43.64 | 44.04 | 46.51 | 47.54 | 47.25 | 46.52 | 45.94 | 45.22 |
| 10 | 43.26 | 42.76 | 42.46 | 43.13 | 43.69 | 44.07 | 46.60 | 47.49 | 47.25 | 46.52 | 45.92 | 45.16 |
| 11 | 43.23 | 42.74 | 42.44 | 43.16 | 43.66 | 44.11 | 46.69 | 47.47 | 47.20 | 46.52 | 45.90 | 45.15 |
| 12 | 43.21 | 42.74 | 42.42 | 43.20 | 43.66 | 44.15 | 46.77 | 47.49 | 47.20 | 46.50 | 45.87 | 45.15 |
| 13 | 43.20 | 42.73 | 42.50 | 43.21 | 43.58 | 44.20 | 46.85 | 47.47 | 47.20 | 46.51 | 45.84 | 45.15 |
| 14 | 43.10 | 42.72 | 42.54 | 43.23 | 43.47 | 44.25 | 46.92 | 47.52 | 47.19 | 46.49 | 45.82 | 45.12 |
| 15 | 43.06 | 42.71 | 42.58 | 43.26 | 43.38 | 44.29 | 47.00 | 47.53 | 47.14 | 46.46 | 45.81 | 45.05 |
| 16 | 43.08 | 42.70 | 42.60 | 43.28 | 43.47 | 44.32 | 47.06 | 47.50 | 47.12 | 46.44 | 45.79 | 44.98 |
| 17 | 43.08 | 42.68 | 42.63 | 43.33 | 43.55 | 44.36 | 47.11 | 47.49 | 47.13 | 46.43 | 45.77 | 44.94 |
| 18 | 43.09 | 42.67 | 42.67 | 43.38 | 43.60 | 44.41 | 47.16 | 47.53 | 47.07 | 46.41 | 45.74 | 44.92 |
| 19 | 43.08 | 42.68 | 42.65 | 43.41 | 43.60 | 44.46 | 47.18 | 47.56 | 47.07 | 46.40 | 45.73 | 44.94 |
| 20 | 43.07 | 42.65 | 42.62 | 43.45 | 43.46 | 44.51 | 47.22 | 47.53 | 47.08 | 46.38 | 45.71 | 44.92 |
| 21 | 43.06 | 42.56 | 42.56 | 43.49 | 43.36 | 44.55 | 47.26 | 47.50 | 47.05 | 46.40 | 45.67 | 44.90 |
| 22 | 43.06 | 42.43 | 42.54 | 43.53 | 43.31 | 44.61 | 47.30 | 47.48 | 47.01 | 46.39 | 45.67 | 44.87 |
| 23 | 43.02 | 42.33 | 42.62 | 43.54 | 43.40 | 44.68 | 47.32 | 47.47 | 46.98 | 46.38 | 45.65 | 44.84 |
| 24 | 43.02 | 42.35 | 42.67 | 43.57 | 43.49 | 44.72 | 47.34 | 47.45 | 46.95 | 46.40 | 45.62 | 44.82 |
| 25 | 42.98 | 42.38 | 42.70 | 43.62 | 43.58 | 44.76 | 47.40 | 47.46 | 46.89 | 46.39 | 45.61 | 44.80 |
| 26 | 42.95 | 42.40 | 42.73 | 43.62 | 43.64 | 44.81 | 47.45 | 47.51 | 46.88 | 46.35 | 45.58 | 44.77 |
| 27 | 42.95 | 42.44 | 42.75 | 43.61 | 43.68 | 44.83 | 47.47 | 47.47 | 46.88 | 46.32 | 45.54 | 44.76 |
| 28 | 42.95 | 42.43 | 42.76 | 43.65 | 43.72 | 44.89 | 47.49 | 47.42 | 46.87 | 46.30 | 45.52 | 44.74 |
| 29 | 42.91 | 42.44 | 42.75 | 43.64 | --- | 44.96 | 47.49 | 47.42 | 46.84 | 46.28 | 45.50 | 44.69 |
| 30 | 42.90 | 42.47 | 42.74 | 43.53 | --- | 45.03 | 47.52 | 47.42 | 46.81 | 46.24 | 45.47 | 44.65 |
| 31 | 42.91 | --- | 42.78 | 43.43 | --- | 45.08 | --- | 47.39 | --- | 46.21 | 45.45 | --- |
| Mean | 43.14 | 42.65 | 42.57 | 43.29 | 43.53 | 44.35 | 46.78 | 47.50 | 47.13 | 46.47 | 45.80 | 45.04 |
| Max | 43.39 | 42.89 | 42.78 | 43.65 | 43.72 | 45.08 | 47.52 | 47.60 | 47.42 | 46.78 | 46.17 | 45.43 |
| Min | 42.90 | 42.33 | 42.41 | 42.81 | 43.31 | 43.75 | 45.16 | 47.39 | 46.81 | 46.21 | 45.45 | 44.65 |
| Med | 43.08 | 42.71 | 42.56 | 43.28 | 43.57 | 44.32 | 47.03 | 47.50 | 47.13 | 46.44 | 45.79 | 45.01 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 42.41 | 44.86 |
| Max | 43.85 | 47.60 |
| Min | 40.88 | 42.33 |
| Med | 42.62 | 44.81 |

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



Water-Data Report 2010

# 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.

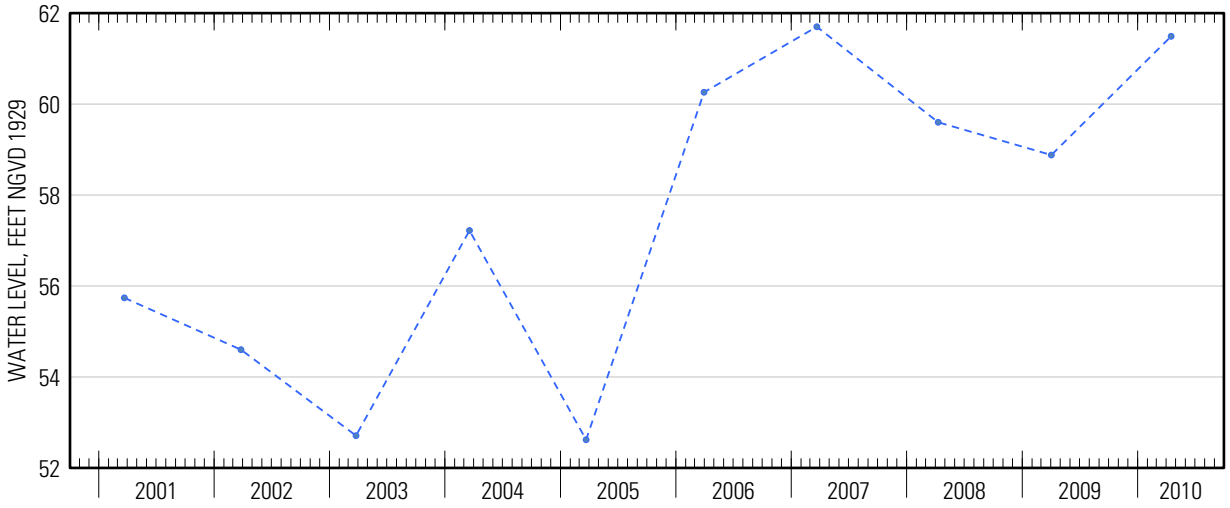
PERIOD OF RECORD.--April 1984 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 61.49 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405155073045203, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405155073045203.2010.pdf

Water-Data Report 2010

# 405200073082101 Local number S 65608. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°52'31.1", long 73°08'19.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 72 ft. Upper casing diameter 2 in; top of first opening 67 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 105 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.03 ft below land-surface datum.

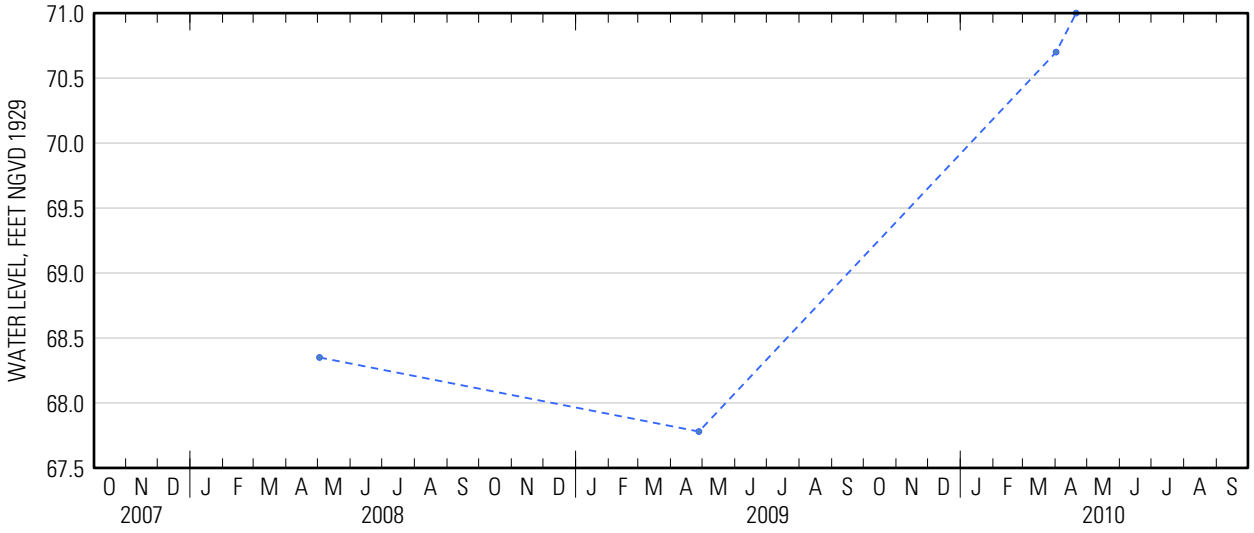
PERIOD OF RECORD.--September 1978 to September 1985, March 1987 to March 1992, March 1995 to March 2001, and May 2008 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.32 ft above sea level, December 28, 1979; lowest measured, 63.06 ft above sea level, December 14, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 1 | 70.70 | Apr 20 | 71.00 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405200073082101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405200073082101.2010.pdf

Water-Data Report 2010

# 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.

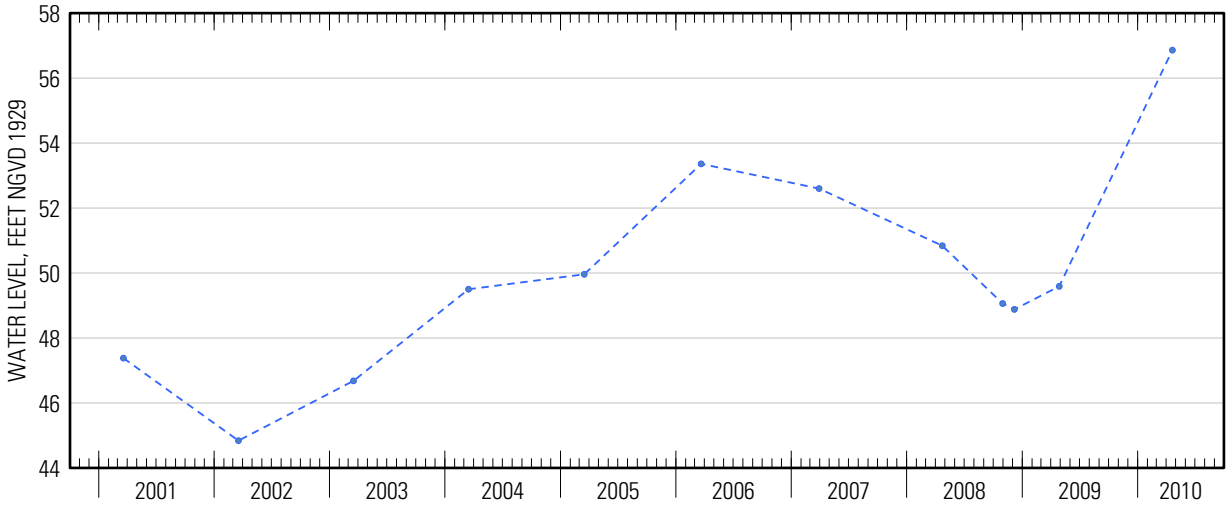
PERIOD OF RECORD.--December 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.86 ft above sea level, April 20, 2010; lowest measured, 37.89 ft above sea level, June 2, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 56.86 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405206073153002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405206073153002.2010.pdf

Water-Data Report 2010

# 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.

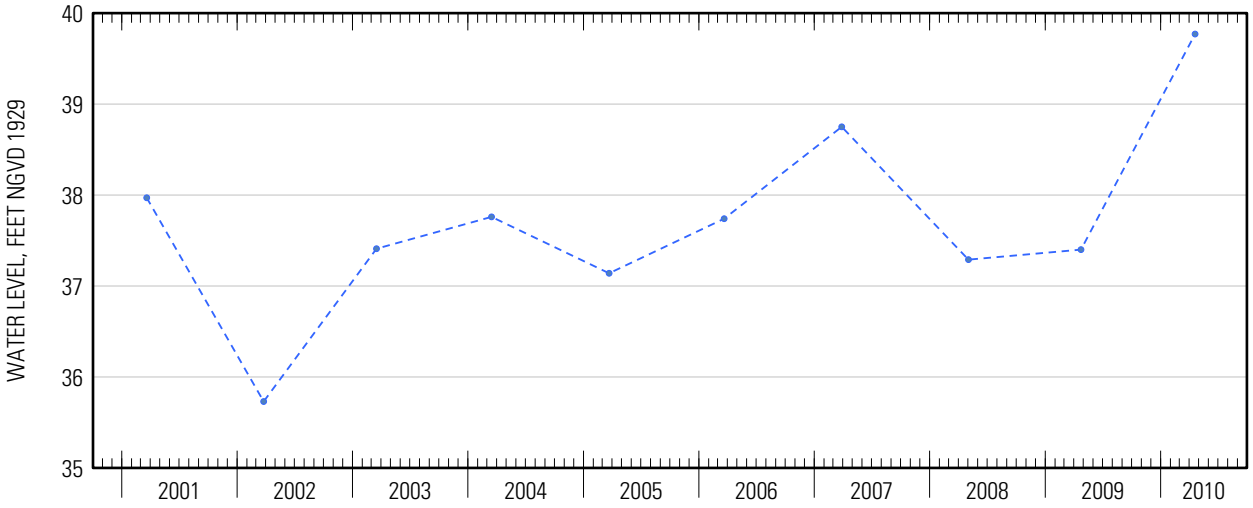
PERIOD OF RECORD.--February 1991 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 39.77 ft above sea level, April 19, 2010; lowest measured, 33.37 ft above sea level, September 28, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 39.77 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405220072493101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405220072493101.2010.pdf

Water-Data Report 2010

# 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.

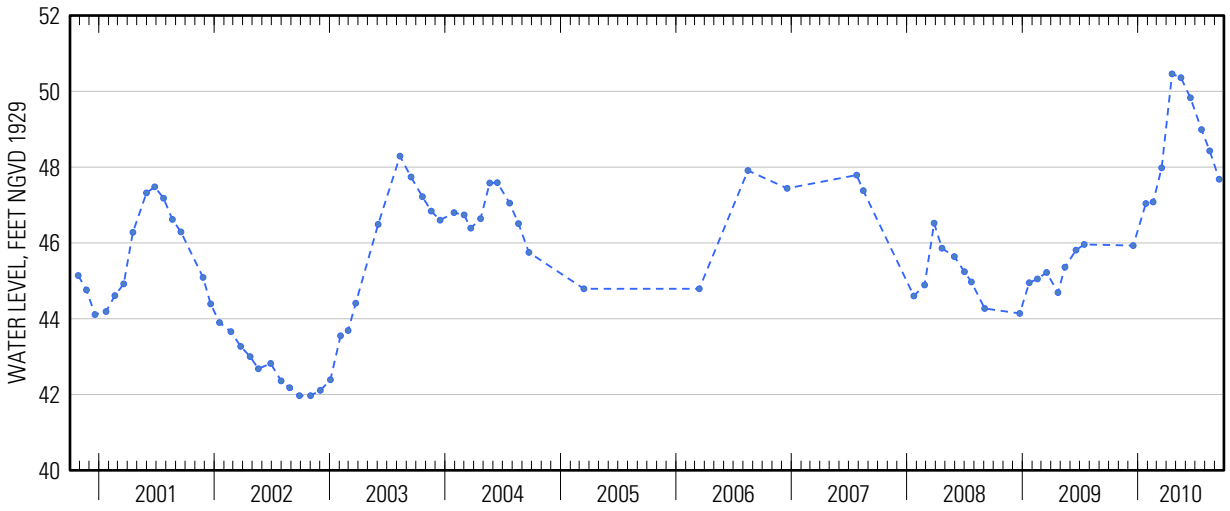
PERIOD OF RECORD.--January 1953 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.46 ft above sea level, April 19, 2010; lowest measured, 38.93 ft above sea level, January 25, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Dec 17 | 45.93 | May 17 | 50.36 |
| Jan 26 | 47.04 | Jun 16 | 49.83 |
| Feb 18 | 47.08 | Jul 21 | 48.99 |
| Mar 17 | 47.98 | Aug 16 | 48.43 |
| Apr 19 | 50.46 | Sep 15 | 47.68 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405222072523301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405222072523301.2010.pdf

Water-Data Report 2010

# 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.

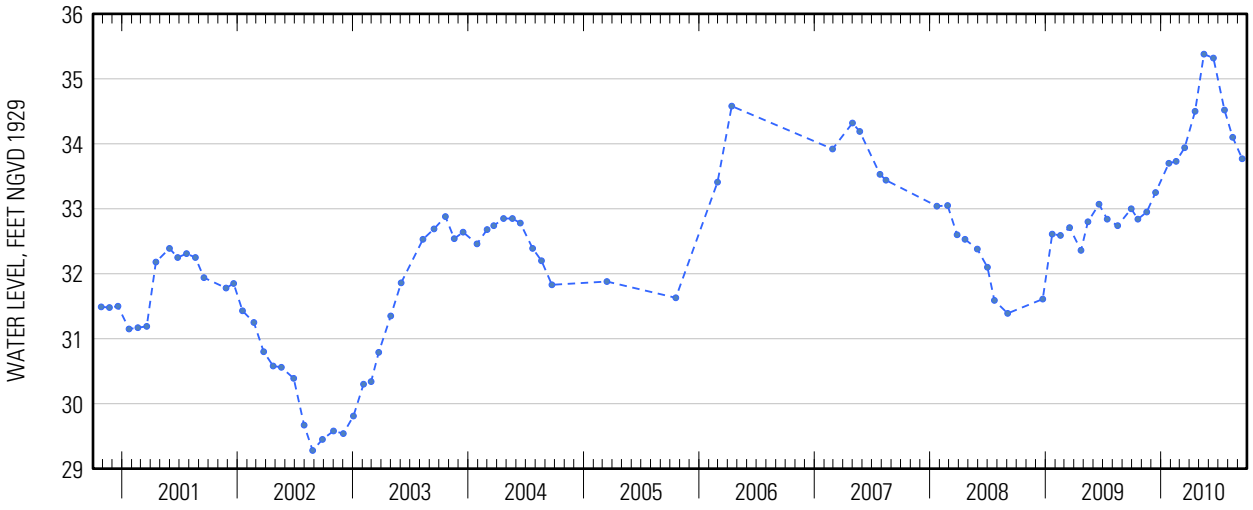
PERIOD OF RECORD.--August 1949 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 32.84 | Apr 19 | 34.50 |
| Nov 17 | 32.95 | May 17 | 35.38 |
| Dec 15 | 33.25 | Jun 16 | 35.32 |
| Jan 26 | 33.70 | Jul 21 | 34.52 |
| Feb 18 | 33.73 | Aug 16 | 34.10 |
| Mar 17 | 33.94 | Sep 15 | 33.77 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405223072523401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405223072523401.2010.pdf

Water-Data Report 2010

# 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.

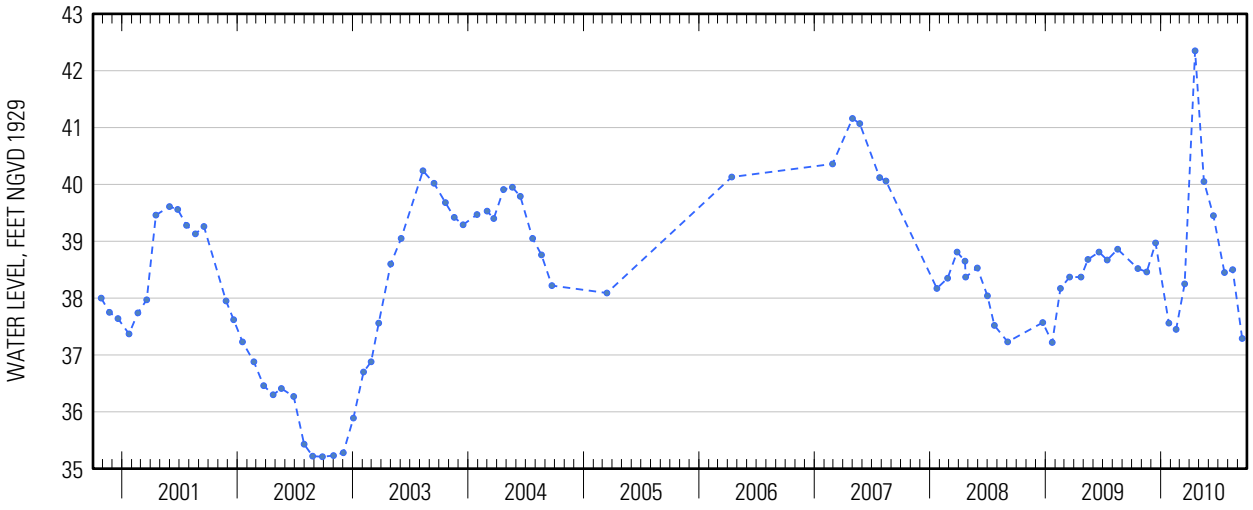
PERIOD OF RECORD.--July 1949 to June 1952, January 1954 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 38.52 | Apr 19 | 42.35 |
| Nov 17 | 38.46 | May 17 | 40.05 |
| Dec 15 | 38.97 | Jun 16 | 39.45 |
| Jan 26 | 37.56 | Jul 21 | 38.45 |
| Feb 18 | 37.45 | Aug 16 | 38.50 |
| Mar 17 | 38.25 | Sep 15 | 37.29 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405223072523402, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405223072523402.2010.pdf

Water-Data Report 2010

# 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.

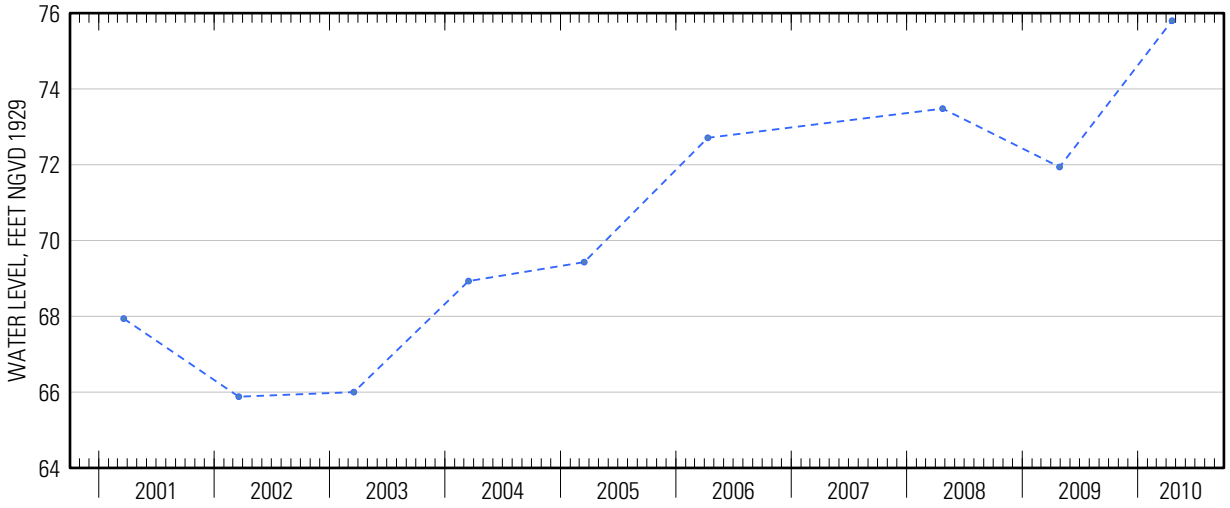
PERIOD OF RECORD.--February 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 75.80 ft above sea level, April 19, 2010; lowest measured, 60.29 ft above sea level, July 11, 1972.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 75.80 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405223073021301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405223073021301.2010.pdf

Water-Data Report 2010

# 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.

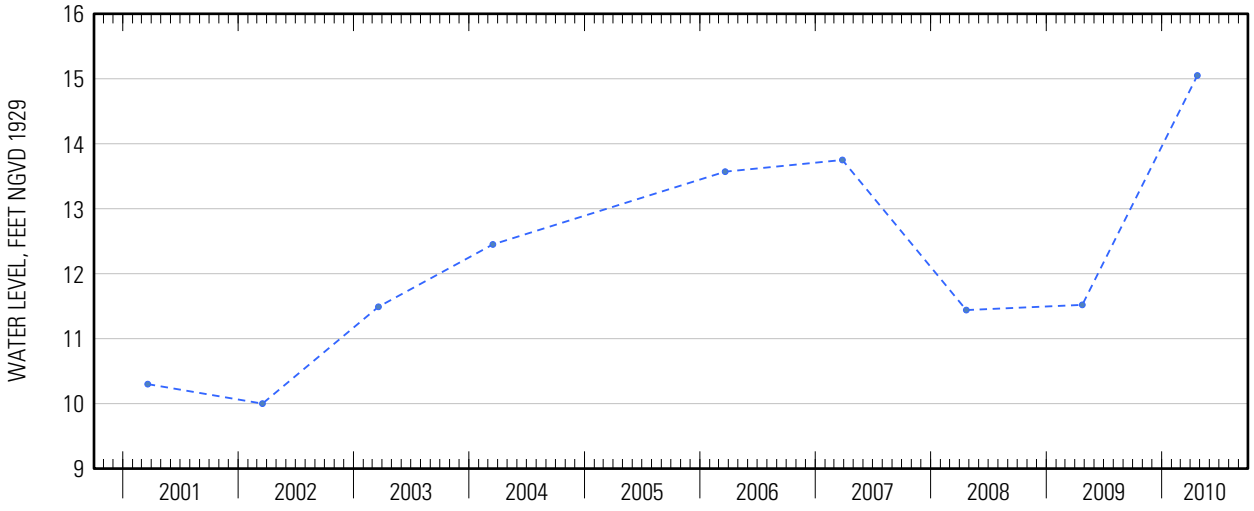
PERIOD OF RECORD.--January 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.05 ft above sea level, April 23, 2010; lowest measured, 9.28 ft above sea level, December 16, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 15.05 |



Water-Data Report 2010

# 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.

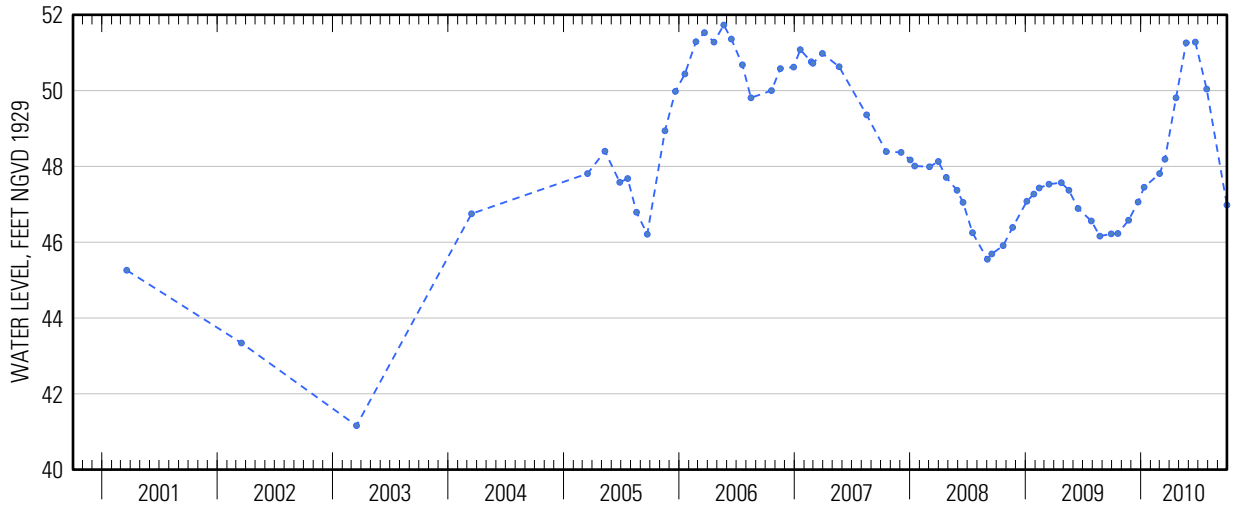
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 46.23 | Apr 22 | 49.81 |
| Nov 23 | 46.58 | May 24 | 51.26 |
| Dec 23 | 47.06 | Jun 22 | 51.28 |
| Jan 11 | 47.45 | Jul 28 | 50.04 |
| Mar 1 | 47.81 | Sep 30 | 46.98 |
| 18 | 48.19 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405230073164400, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405230073164400.2010.pdf

Water-Data Report 2010

# 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.

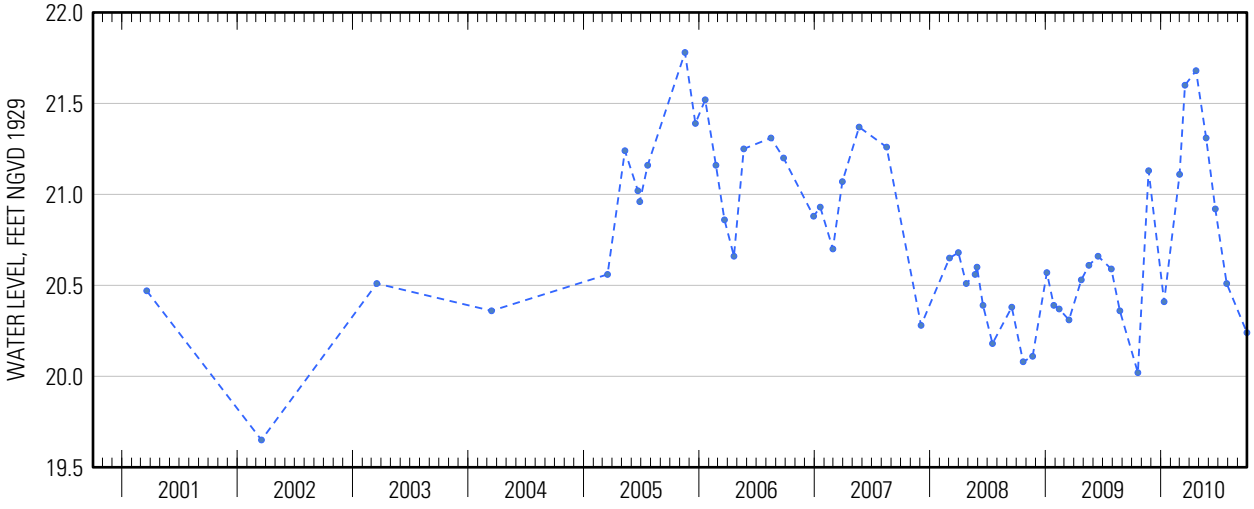
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 20.02 | Apr 22 | 21.68 |
| Nov 23 | 21.13 | May 24 | 21.31 |
| Jan 11 | 20.41 | Jun 22 | 20.92 |
| Mar 1 | 21.11 | Jul 28 | 20.51 |
| 18 | 21.60 | Sep 30 | 20.24 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405231073250500, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405231073250500.2010.pdf

Water-Data Report 2010

# 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.

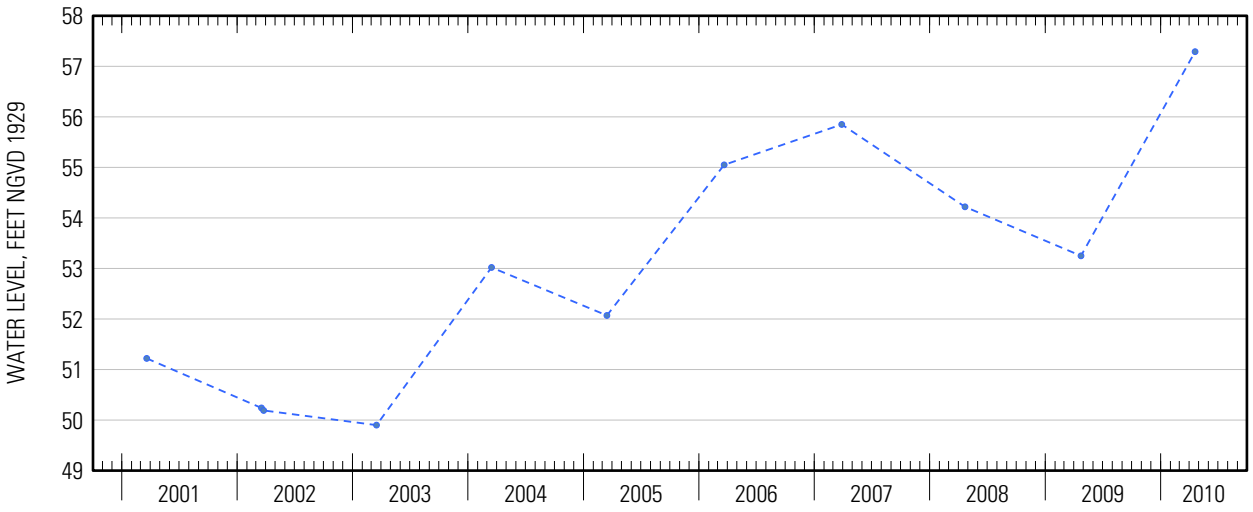
PERIOD OF RECORD.--January 1979 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 57.29 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405245072573702, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405245072573702.2010.pdf

Water-Data Report 2010

# 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.

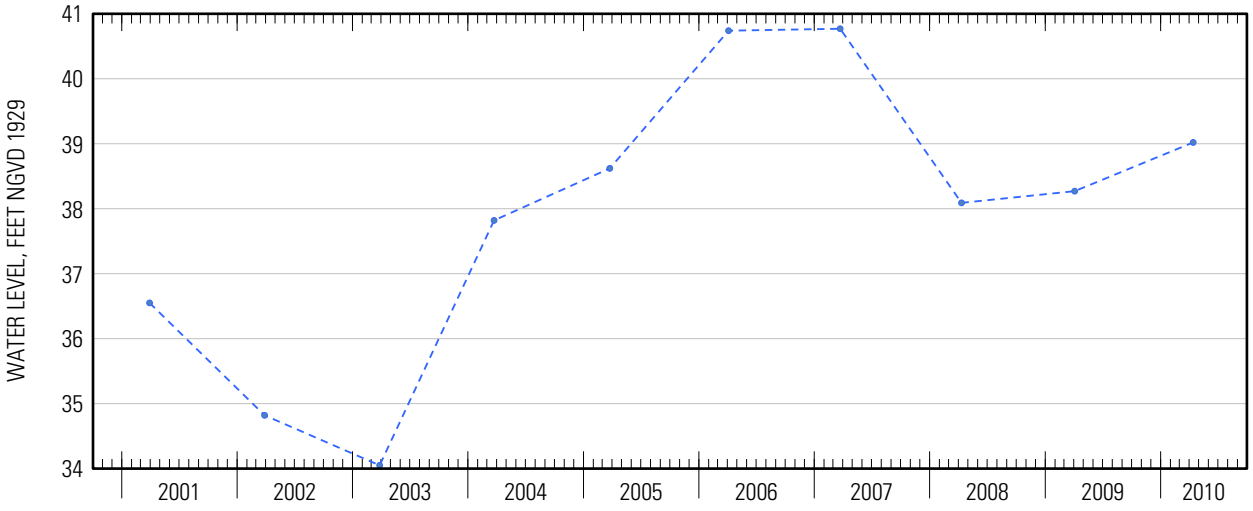
PERIOD OF RECORD.--March 1970 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 13 | 39.02 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405246073142801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405246073142801.2010.pdf

Water-Data Report 2010

# 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.

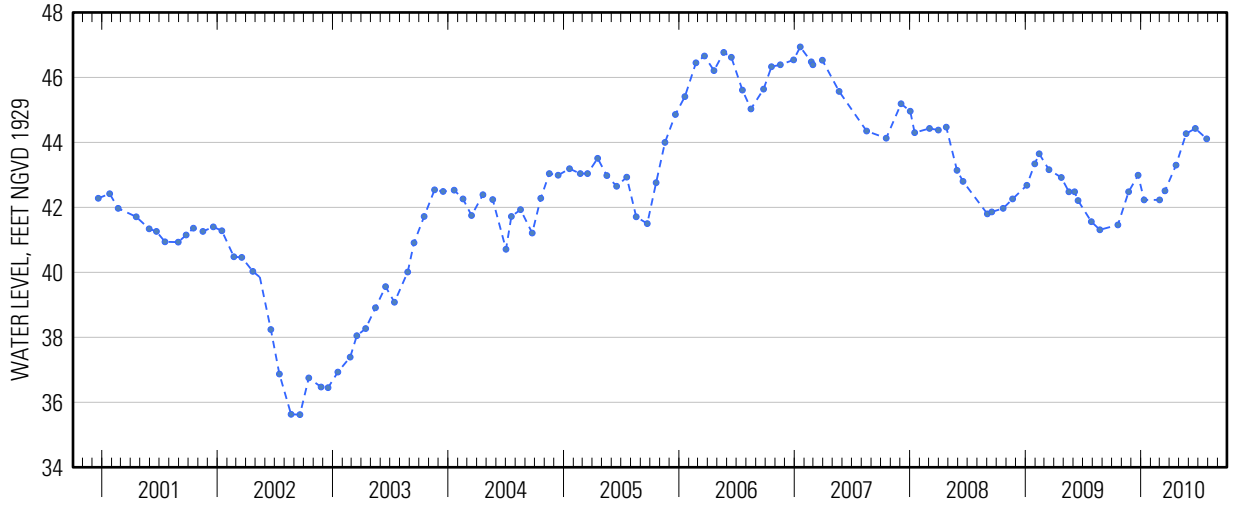
PERIOD OF RECORD.--January 1958 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 41.46 | Mar 18 | 42.51 |
| Nov 23 | 42.48 | Apr 22 | 43.30 |
| Dec 23 | 42.99 | May 24 | 44.27 |
| Jan 11 | 42.23 | Jun 22 | 44.43 |
| Mar 1 | 42.23 | Jul 28 | 44.11 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405250073180801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405250073180801.2010.pdf

Water-Data Report 2010

# 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.

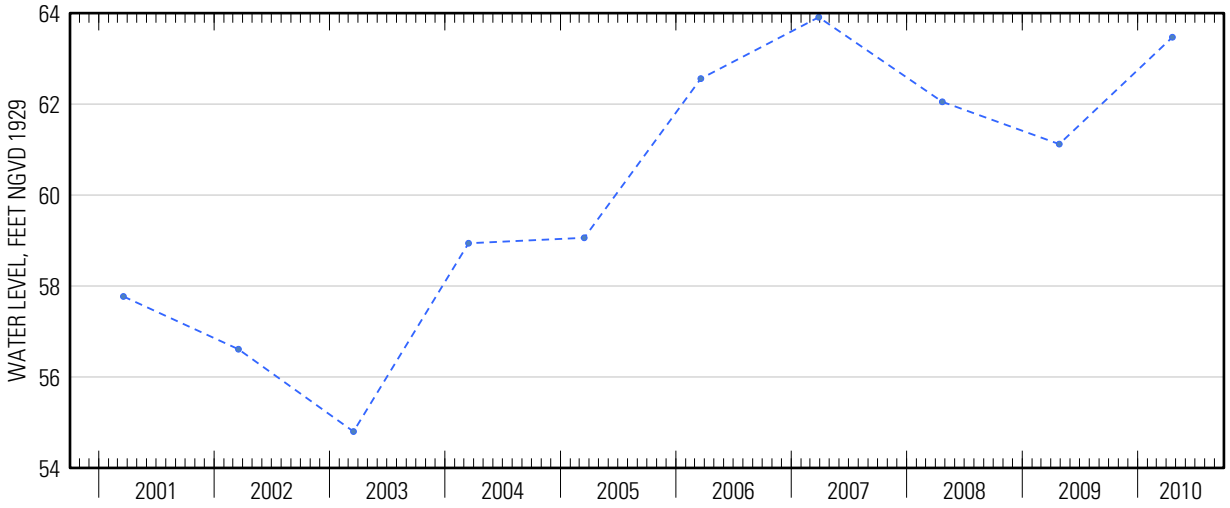
PERIOD OF RECORD.--March 1980 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 63.47 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405255073044301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405255073044301.2010.pdf

Water-Data Report 2010

# 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.

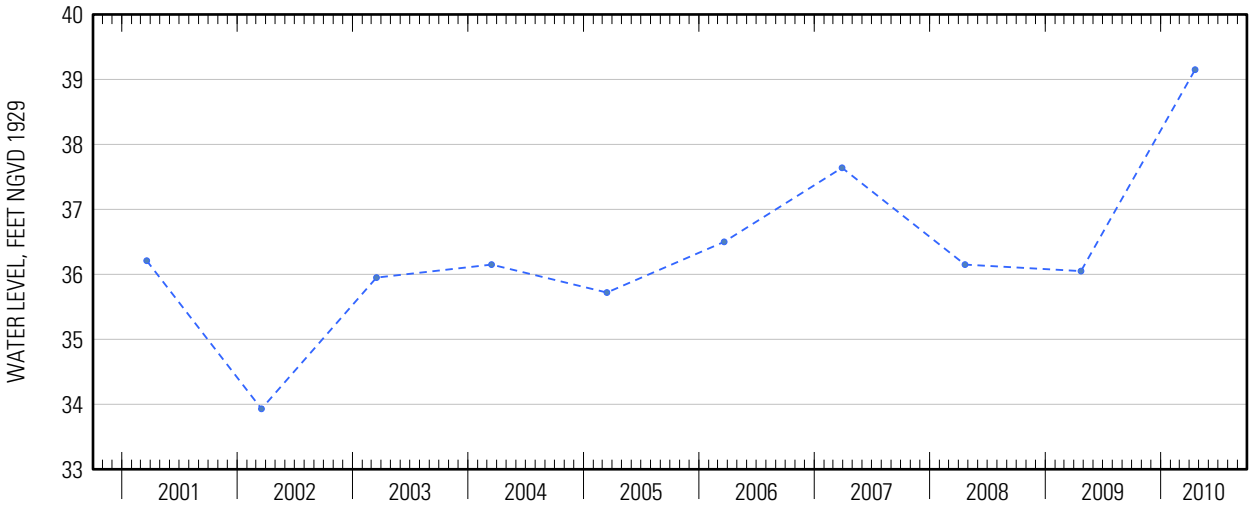
PERIOD OF RECORD.--March 1970 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 39.15 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405259072465601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405259072465601.2010.pdf

Water-Data Report 2010

# 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.

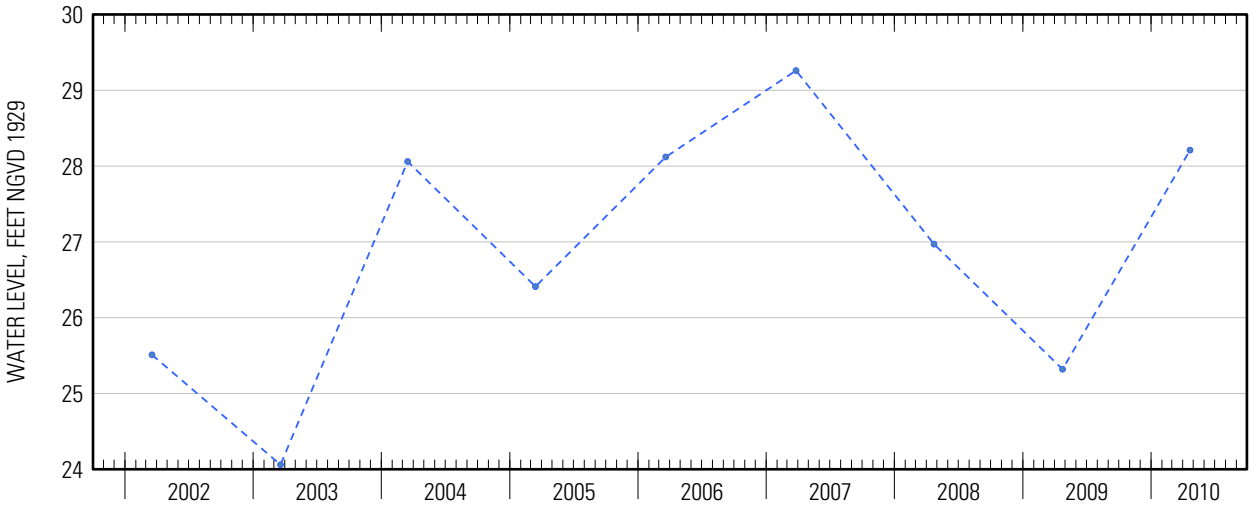
PERIOD OF RECORD.--December 1972 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 21 | 28.21 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405301072415101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405301072415101.2010.pdf

Water-Data Report 2010

# 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 81.6 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.

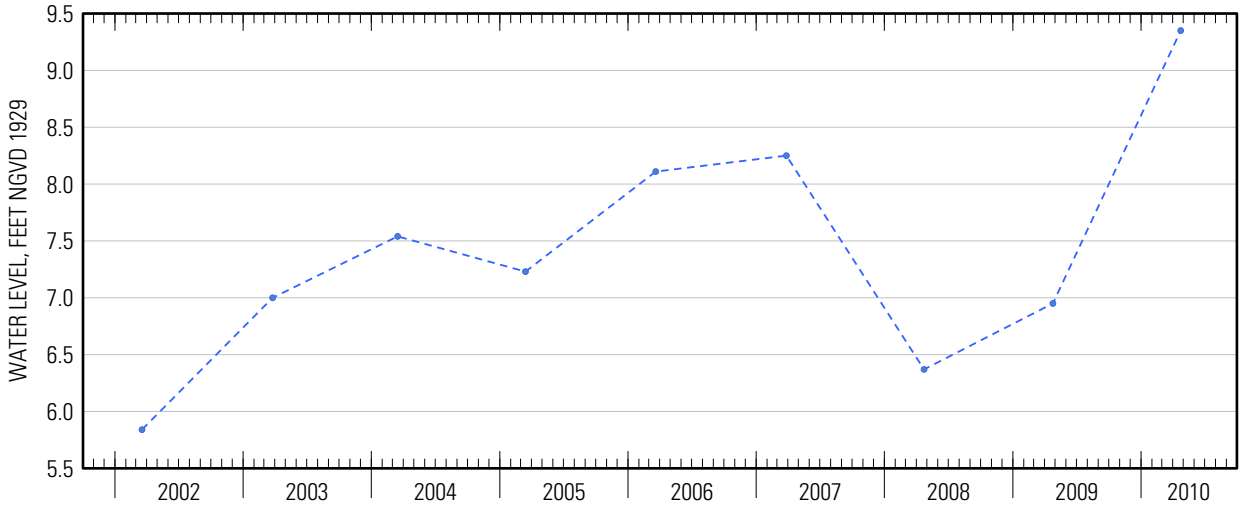
PERIOD OF RECORD.--December 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.35 ft above sea level, April 23, 2010; lowest measured, 4.74 ft above sea level, September 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 9.35 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405302072313501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405302072313501.2010.pdf

Water-Data Report 2010

# 405308072553102 Local number S 6413. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53′08″, long 72°55′31″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## 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 94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.14ft above land-surface datum.

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

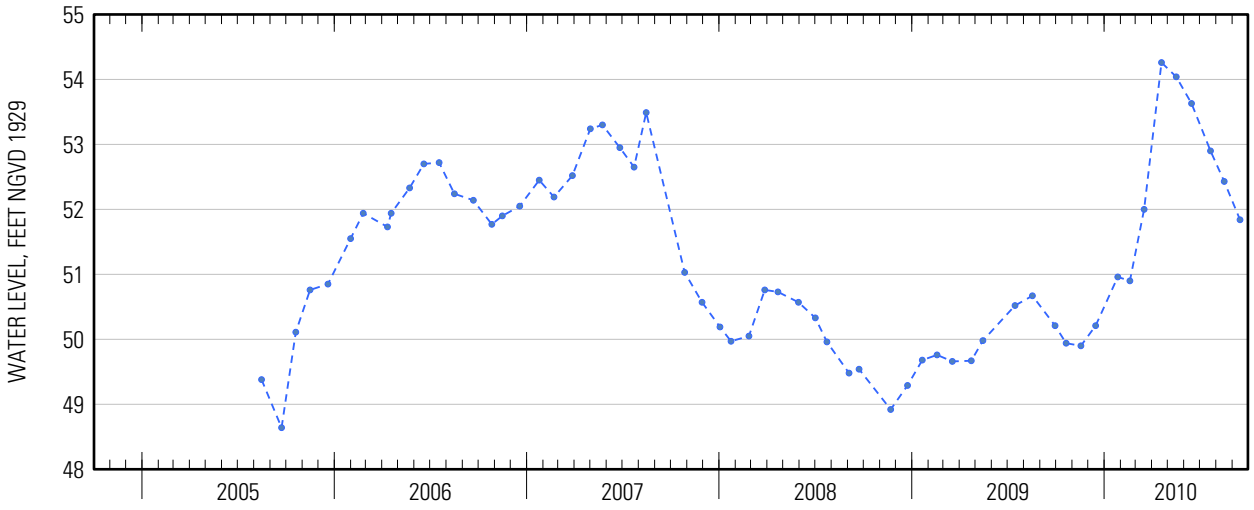
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaces well S6413.1 in August 2005 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.26 ft above sea level, April 19, 2010; lowest measured, 48.64 ft above sea level, September 22, 2005.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 49.94 | Apr 19 | 54.26 |
| Nov 17 | 49.90 | May 17 | 54.04 |
| Dec 15 | 50.21 | Jun 15 | 53.63 |
| Jan 26 | 50.96 | Jul 21 | 52.90 |
| Feb 18 | 50.90 | Aug 16 | 52.43 |
| Mar 17 | 52.00 | Sep 15 | 51.84 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405308072553102, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405308072553102.2010.pdf

Water-Data Report 2010

# 405308073175101 Local number S 15514. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°53′08″, long 73°17′51″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030201.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 595 ft. Upper casing diameter 20 in; top of first opening 533 ft, bottom of last opening 593 ft.

DATUM.--Land-surface datum is 200 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of pump baseplate, 0.40 ft below land-surface datum.

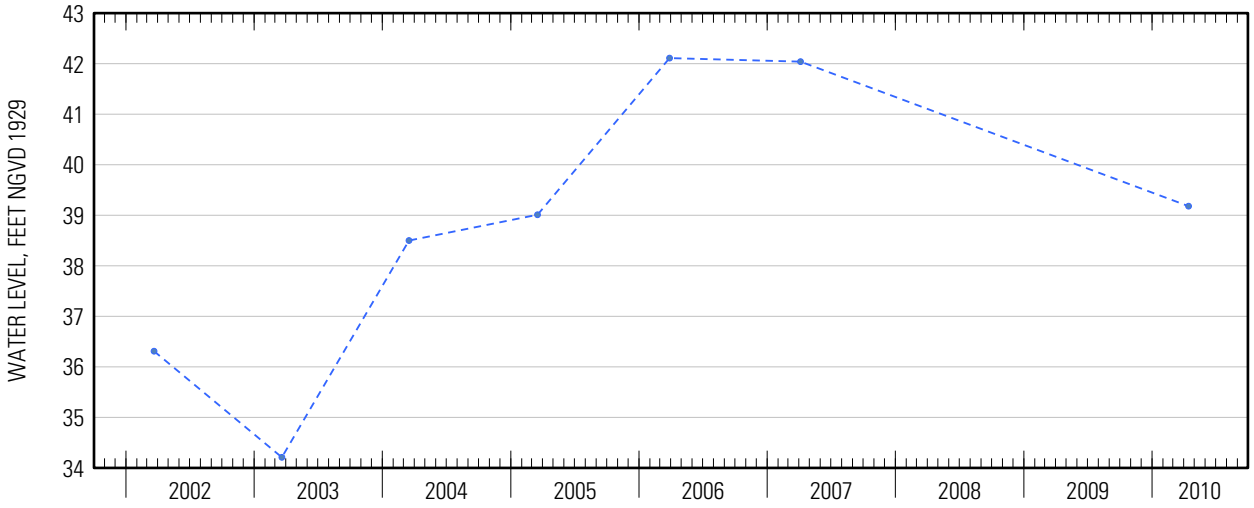
PERIOD OF RECORD.--May 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.11 ft above sea level, March 28, 2006; lowest measured, 33.14 ft above sea level, April 2, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 14 | 39.18 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405308073175101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405308073175101.2010.pdf

Water-Data Report 2010

# 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.

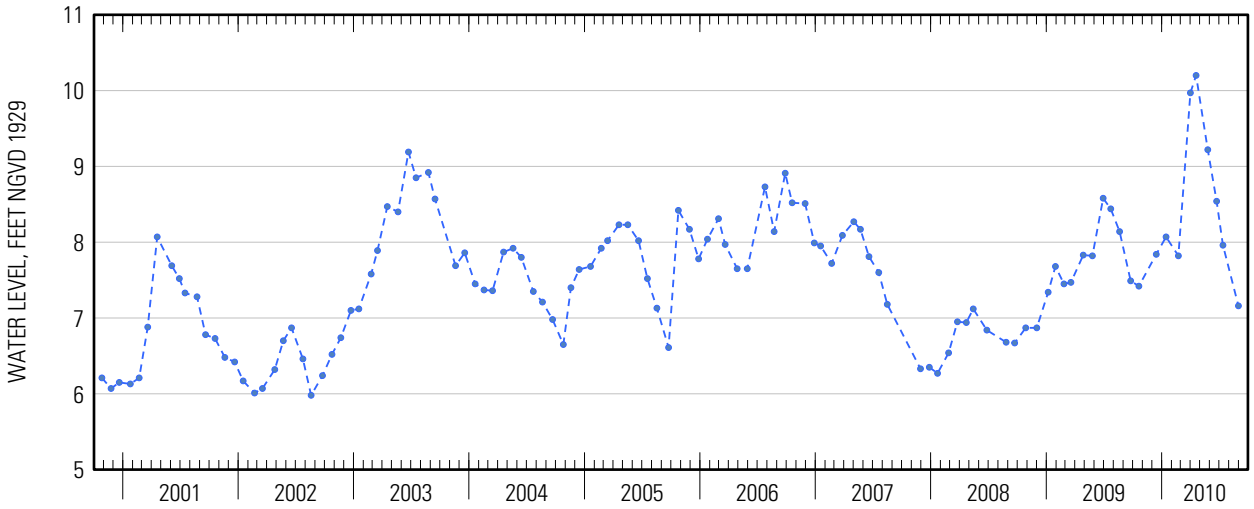
PERIOD OF RECORD.--July 1950 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.20 ft above sea level, April 19, 2010; lowest measured, 4.93 ft above sea level, August 30, 1968

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 7.42 | Apr 19 | 10.20 |
| Dec 14 | 7.84 | May 26 | 9.22 |
| Jan 14 | 8.07 | Jun 23 | 8.54 |
| Feb 22 | 7.82 | Jul 13 | 7.96 |
| Apr 1 | 9.97 | Aug 31 | 7.16 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405309072233101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405309072233101.2010.pdf

Water-Data Report 2010

# 405309073125401 Local number S 50507. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53'13.4", long 73°12'55.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201, at east side of Landing Avenue, 1.5 mi north of Spruce Street, San Remo.

## 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 90.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.01 ft above land-surface datum.

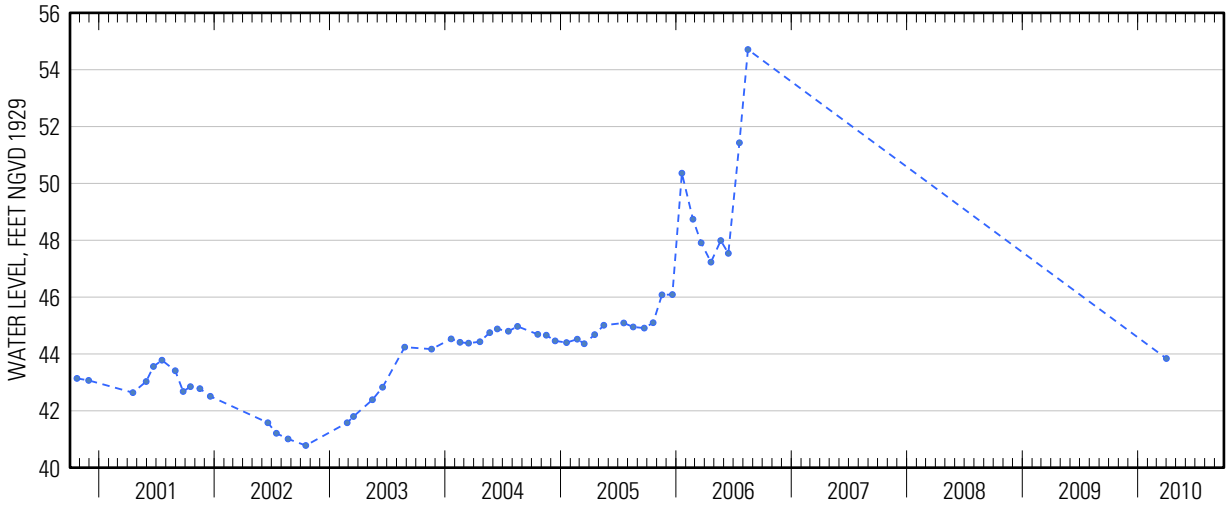
PERIOD OF RECORD.--December 1973 to July 2006 and April 2010.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 46.23 ft above sea level, September 19, 1984; lowest measured, 40.78 ft above sea level, October 17, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 1 | 43.84 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405309073125401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405309073125401.2010.pdf

Water-Data Report 2010

# 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.

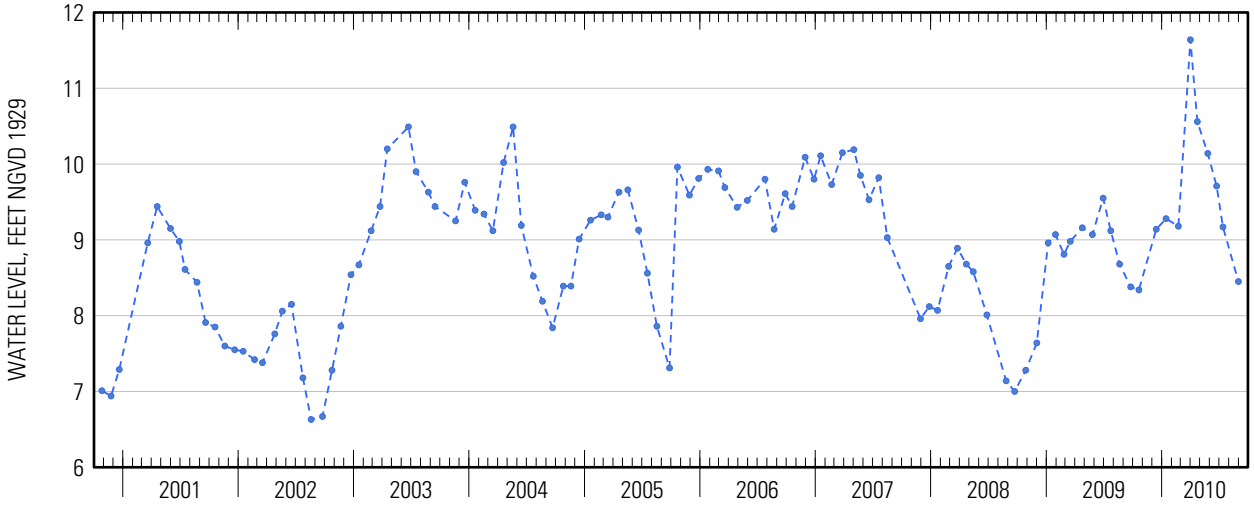
PERIOD OF RECORD.--March 1985 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.64 ft above sea level, April 1, 2010; lowest measured, 6.63 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 8.34 | Apr 23 | 10.56 |
| Dec 14 | 9.14 | May 26 | 10.14 |
| Jan 14 | 9.28 | Jun 23 | 9.71 |
| Feb 22 | 9.18 | Jul 13 | 9.17 |
| Apr 1 | 11.64 | Aug 31 | 8.45 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405317072331902, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405317072331902.2010.pdf

Water-Data Report 2010

# 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.

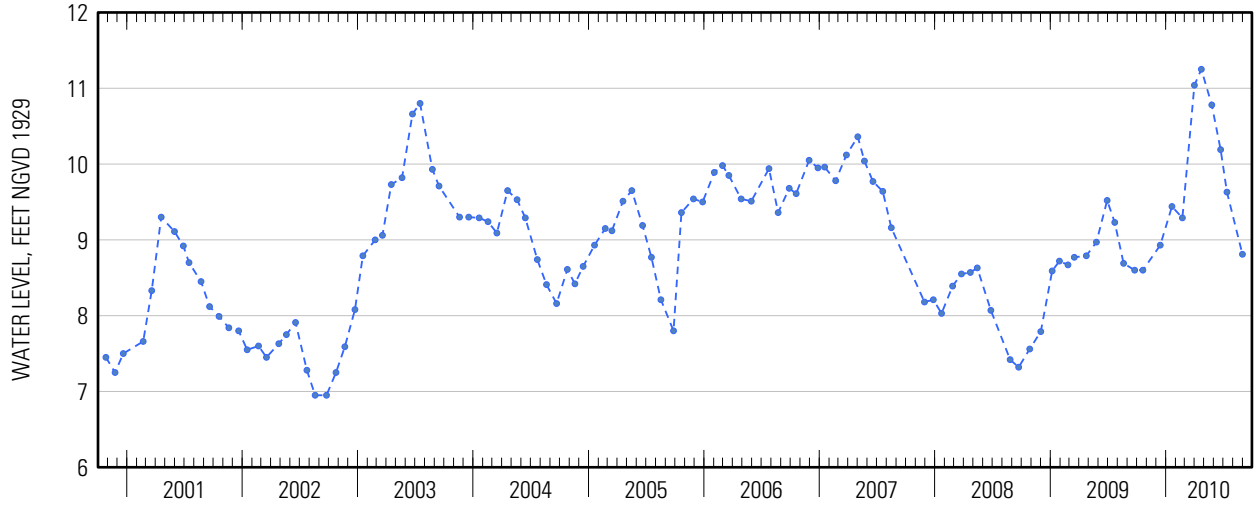
PERIOD OF RECORD.--March 1985 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.25 ft above sea level, April 23, 2010; lowest measured, 6.94 ft above sea level, September 22, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 8.60 | Apr 23 | 11.25 |
| Dec 14 | 8.93 | May 26 | 10.78 |
| Jan 20 | 9.44 | Jun 23 | 10.19 |
| Feb 22 | 9.29 | Jul 13 | 9.63 |
| Apr 1 | 11.04 | Aug 31 | 8.81 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405317072331903, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405317072331903.2010.pdf

Water-Data Report 2010

# 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.

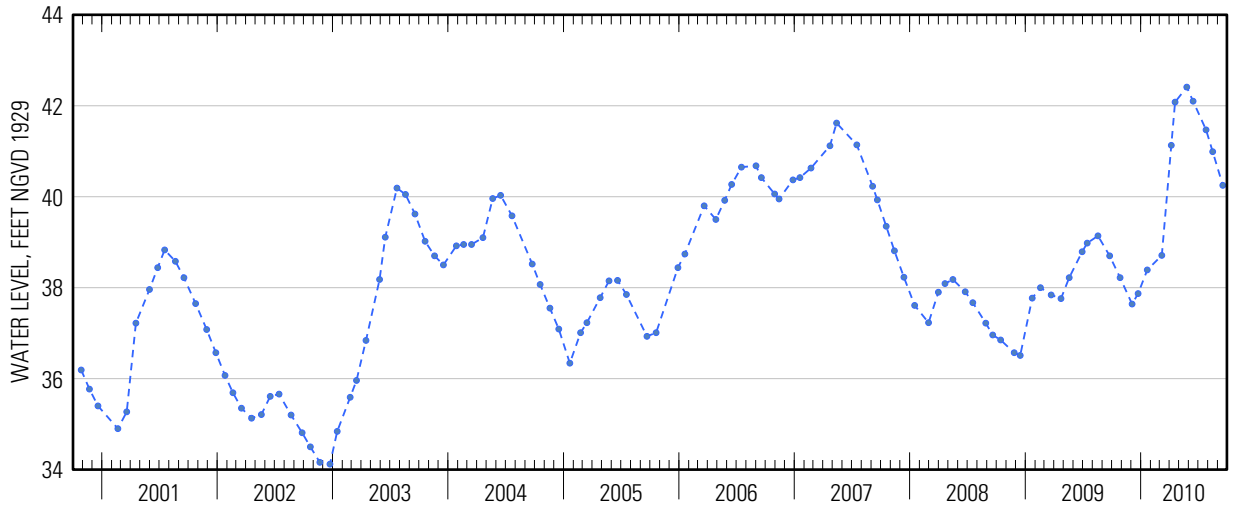
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.41 ft above sea level, May 26, 2010; lowest measured, 33.59 ft above sea level, November 30, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 38.22 | Apr 19 | 42.08 |
| Dec 4 | 37.64 | May 26 | 42.41 |
| 23 | 37.87 | Jun 15 | 42.10 |
| Jan 21 | 38.39 | Jul 26 | 41.47 |
| Mar 8 | 38.71 | Aug 16 | 40.99 |
| Apr 7 | 41.13 | Sep 17 | 40.25 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405322072454101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405322072454101.2010.pdf

Water-Data Report 2010

# 405324072352101 Local number S 46536. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53'28.0", long 72°35'18.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 22 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 24.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.05 ft below land-surface datum.

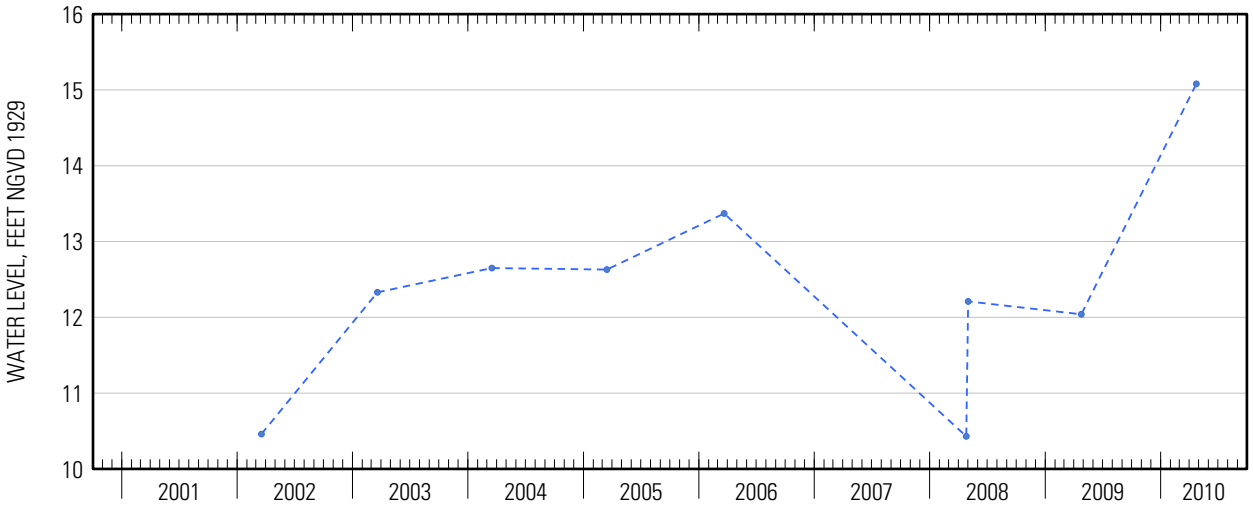
PERIOD OF RECORD.--September 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.08 ft above sea level, April 23, 2010; lowest measured, 9.55 ft above sea level, January 27, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 15.08 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405324072352101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405324072352101.2010.pdf

Water-Data Report 2010

# 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.

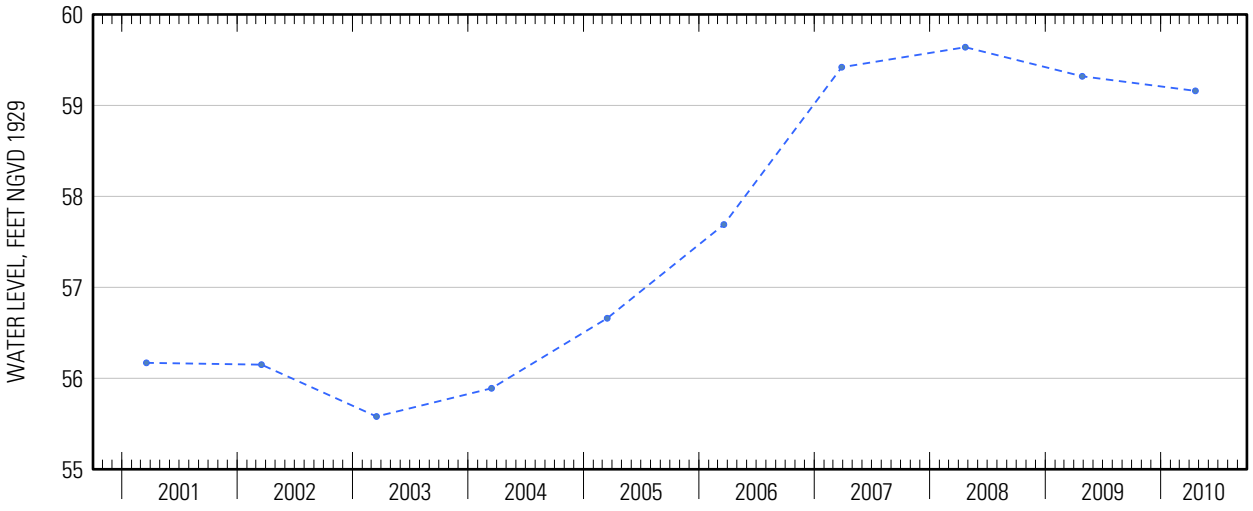
PERIOD OF RECORD.--August 1972 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 59.16 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405335073073201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405335073073201.2010.pdf

Water-Data Report 2010

# 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.

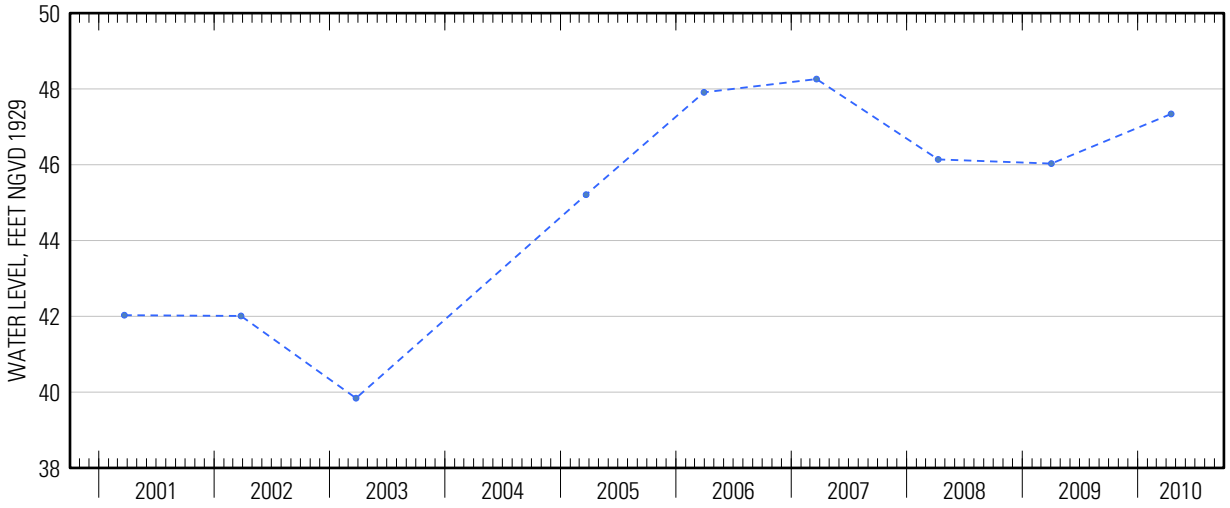
PERIOD OF RECORD.--March 1970 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 47.34 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405336073073601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405336073073601.2010.pdf

Water-Data Report 2010

# 405339073062302 Local number S120290. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°52'38.2", long 73°06'21.8" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 96.21 ft. Upper casing diameter 2 in; top of first opening 86.21 ft, bottom of last opening 91.21 ft.

DATUM.--Land-surface datum is 118 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.56 ft below land-surface datum.

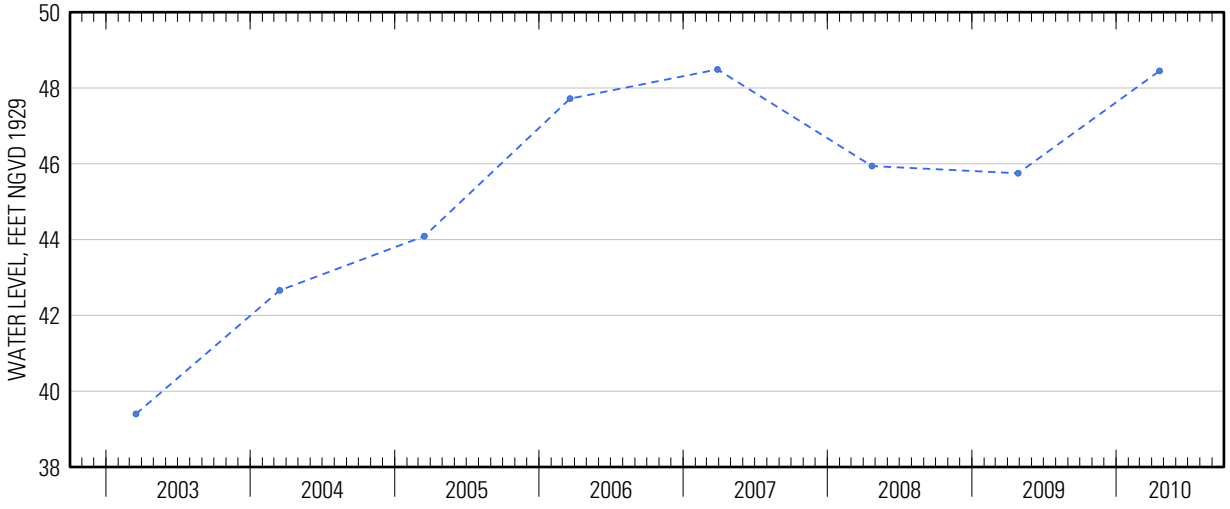
PERIOD OF RECORD.--March 2003 to curent year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.49 ft above sea level, March 28, 2007; lowest meassured, 39.40 ft above sea level, March 17, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 48.45 |



Water-Data Report 2010

# 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.

WELL CHARACTERISTICS.--Depth 80 ft. Upper casing diameter 2 in; top of first opening 76 ft, bottom of last opening 80 ft.

DATUM.--Land-surface datum is 123 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.24 ft below land-surface datum.

PERIOD OF RECORD.--April 1975 to current year. Unpublished records from September 1944 to September 1975 are available in files of the U.S. Geological Survey.

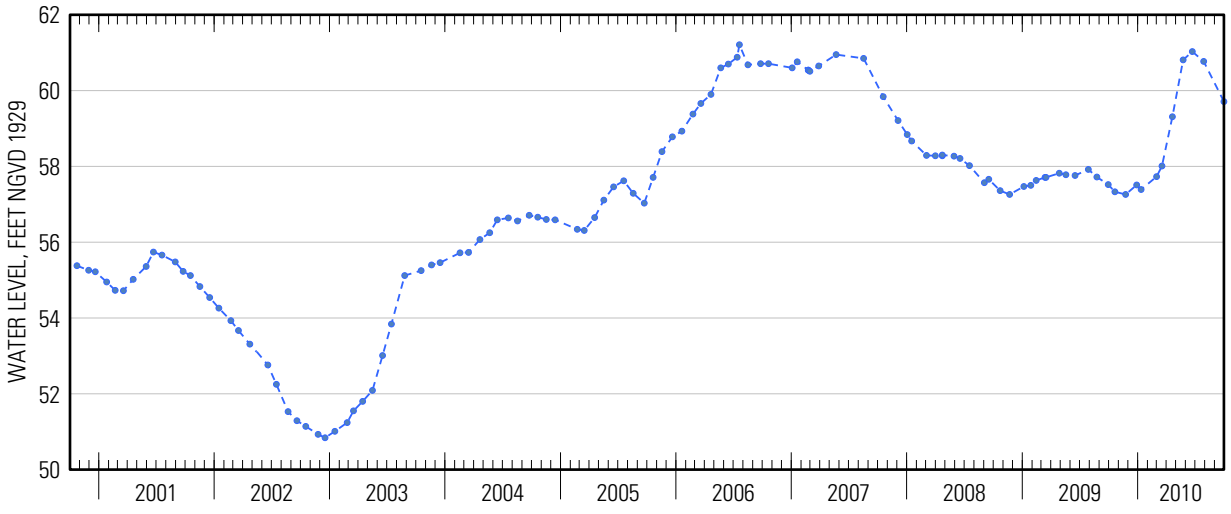
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S3955.3 in April 1975 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 61.21 ft above sea level, July 20, 2006; lowest measured, 50.00 ft above sea level, January 18, 1996.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 57.33 | Apr 20 | 59.31 |
| Nov 23 | 57.26 | May 24 | 60.81 |
| Dec 28 | 57.51 | Jun 22 | 61.03 |
| Jan 11 | 57.39 | Jul 28 | 60.77 |
| Mar 1 | 57.73 | Sep 30 | 59.71 |
| 18 | 58.01 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405343073055004, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405343073055004.2010.pdf

Water-Data Report 2010

# 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.

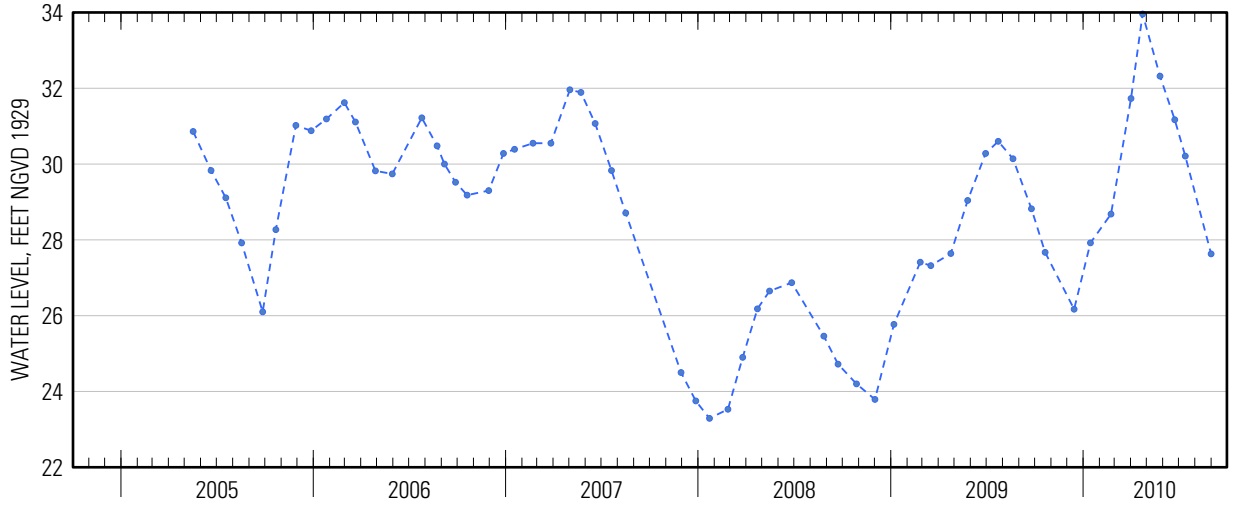
PERIOD OF RECORD.--December 1972 to September 1985, March 1987 to March 2002, and May 2005 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.96 ft above sea level, April 23, 2010; lowest measured, 21.98 ft above sea level, March 19, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 27.67 | Apr 23 | 33.96 |
| Dec 14 | 26.17 | May 26 | 32.32 |
| Jan 14 | 27.92 | Jun 23 | 31.17 |
| Feb 22 | 28.68 | Jul 13 | 30.21 |
| Apr 1 | 31.73 | Aug 31 | 27.63 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405348072370401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405348072370401.2010.pdf

Water-Data Report 2010

# 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.

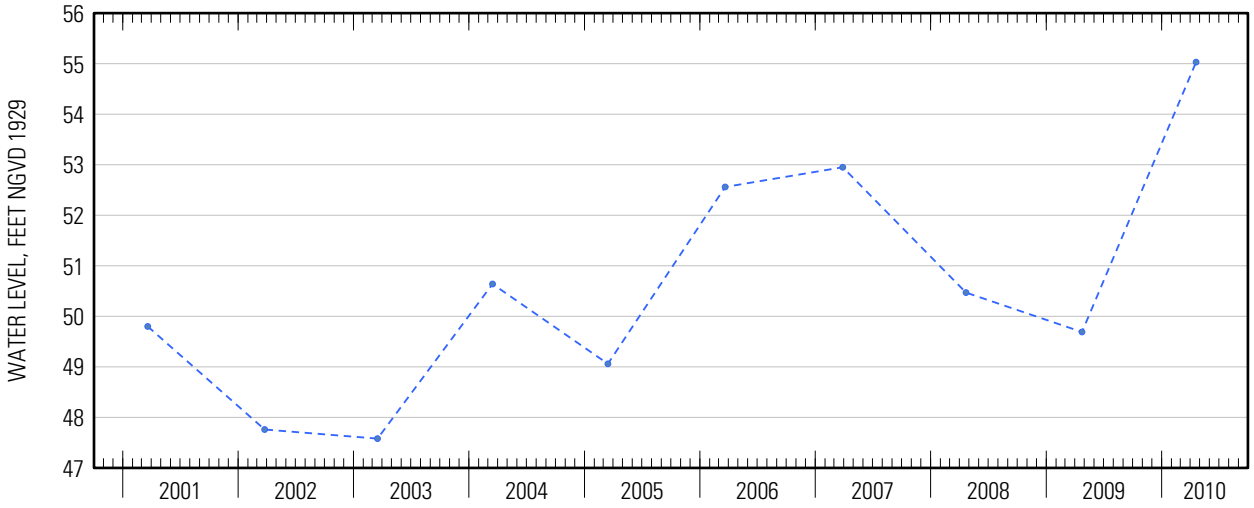
PERIOD OF RECORD.--October 1978 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.03 ft above sea level, April 19, 2010; lowest measured, 45.71 ft above sea level, September 29, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 55.03 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405351072535101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405351072535101.2010.pdf

Water-Data Report 2010

# 405352073031602 Local number S 66510. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53'49.7", long 73°03'14.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 110.4 ft. Upper casing diameter 2 in; top of first opening 100.4 ft, bottom of last opening 105.4 ft.

DATUM.--Land-surface datum is undefined. Measuring point: Top of casing, 0.5 ft below land surface datum.

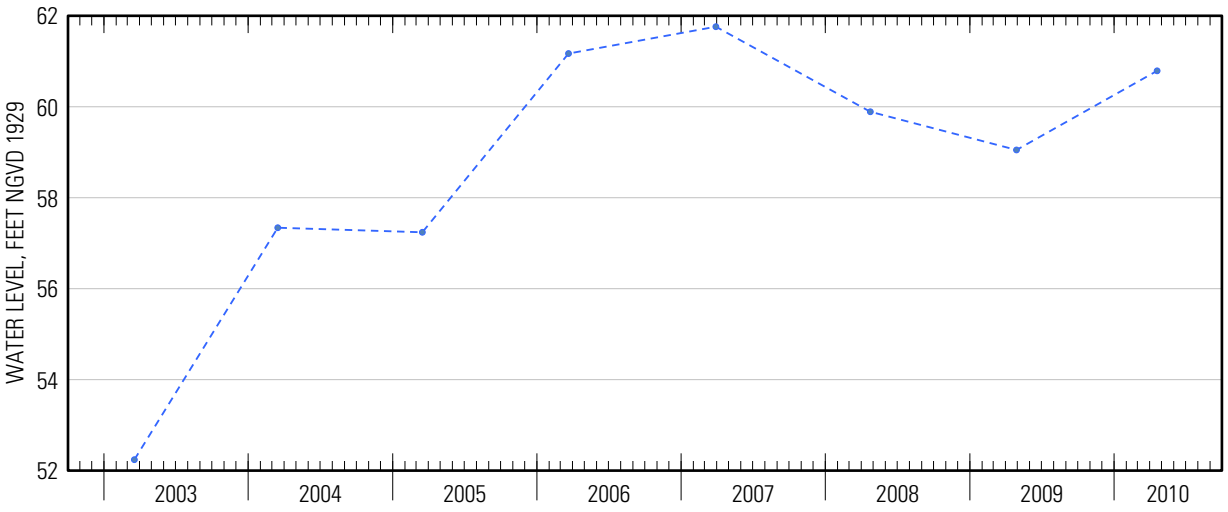
PERIOD OF RECORD.--March 2003 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 61.76 ft above sea level, March 29, 2007; lowest measured, 52.24 feet above sea level, March 18, 2003.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 60.79 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405352073031602, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405352073031602.2010.pdf

Water-Data Report 2010

# 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,

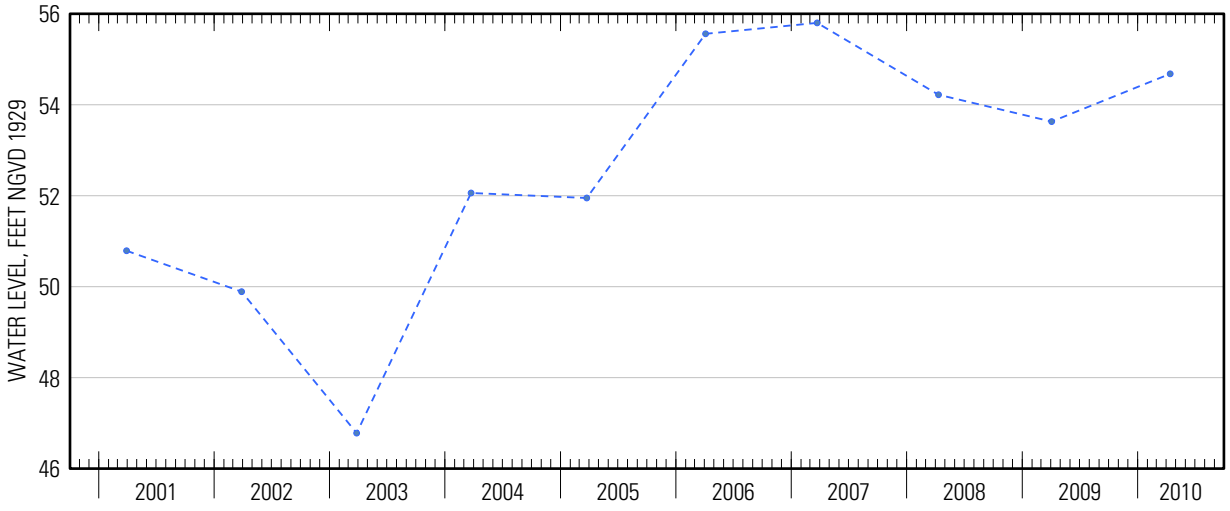
PERIOD OF RECORD.--March 1978 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 13 | 54.68 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405354073021202, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405354073021202.2010.pdf

Water-Data Report 2010

# 405355073174801 Local number S 16883. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°53'57.0", long 73°17'48.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030201.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 34 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 56.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.39 ft below land-surface datum.

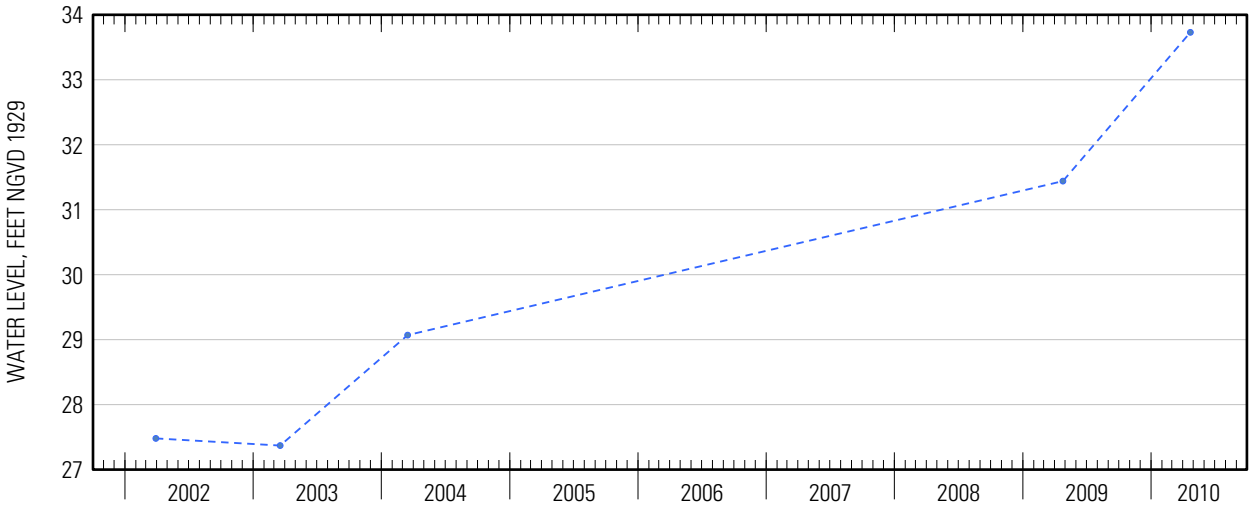
PERIOD OF RECORD.--July 1958 to May 1959, August 1971 to September 1987, March 1990 to March 1995, March 1998 to March 2004, and April 2009 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.73 ft above sea level, April 22, 2010; lowest measured, 25.98 ft above sea level, September 16, 1987.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 33.73 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405355073174801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405355073174801.2010.pdf

Water-Data Report 2010

# 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.

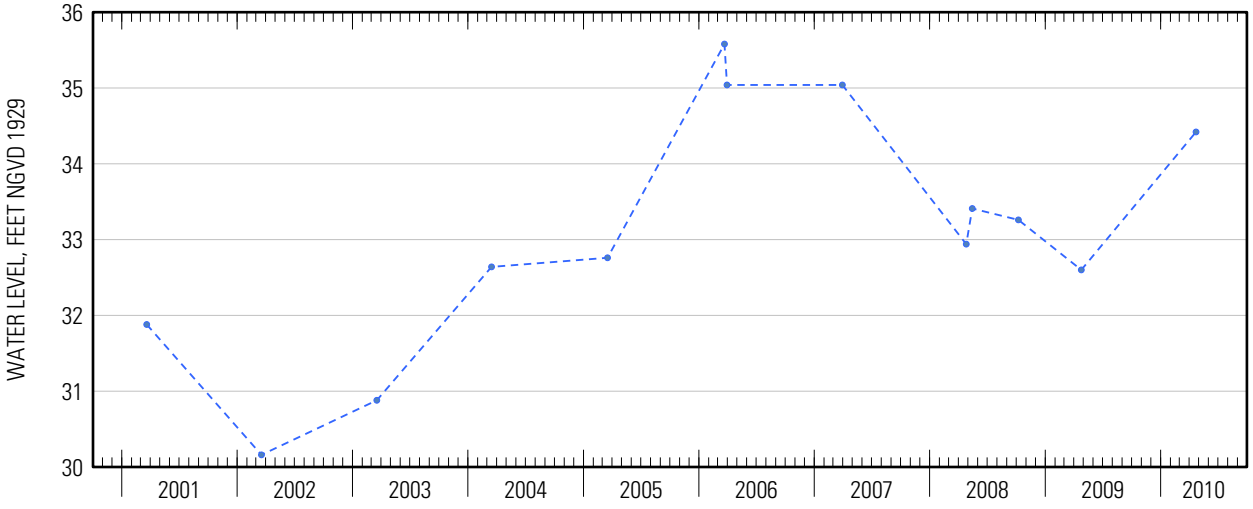
PERIOD OF RECORD.--June 1983 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 34.42 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405357073194802, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405357073194802.2010.pdf

Water-Data Report 2010

# 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.

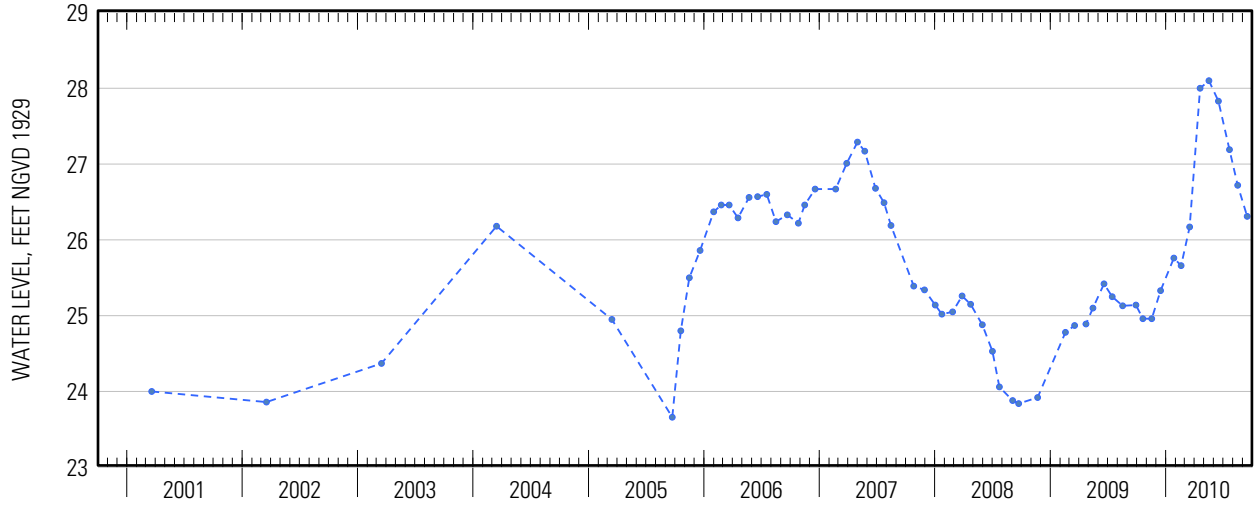
PERIOD OF RECORD.--March 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.10 ft above sea level, May 17, 2010; lowest measured, 22.32 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 24.96 | Apr 19 | 28.00 |
| Nov 17 | 24.96 | May 17 | 28.10 |
| Dec 15 | 25.33 | Jun 16 | 27.83 |
| Jan 26 | 25.76 | Jul 21 | 27.19 |
| Feb 18 | 25.66 | Aug 16 | 26.72 |
| Mar 17 | 26.17 | Sep 15 | 26.31 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405405072442701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405405072442701.2010.pdf

Water-Data Report 2010

# 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.

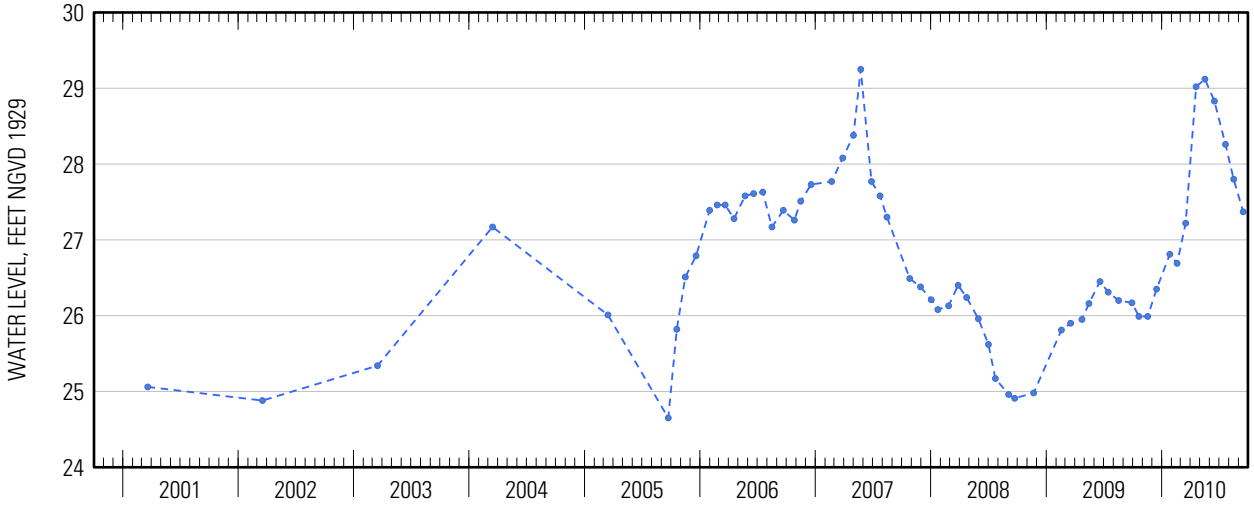
PERIOD OF RECORD.--March 1990 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 25.99 | Apr 19 | 29.02 |
| Nov 17 | 25.99 | May 17 | 29.12 |
| Dec 15 | 26.35 | Jun 16 | 28.83 |
| Jan 26 | 26.81 | Jul 21 | 28.26 |
| Feb 18 | 26.69 | Aug 16 | 27.80 |
| Mar 17 | 27.22 | Sep 15 | 27.37 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405405072442702, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405405072442702.2010.pdf

Water-Data Report 2010

# 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.

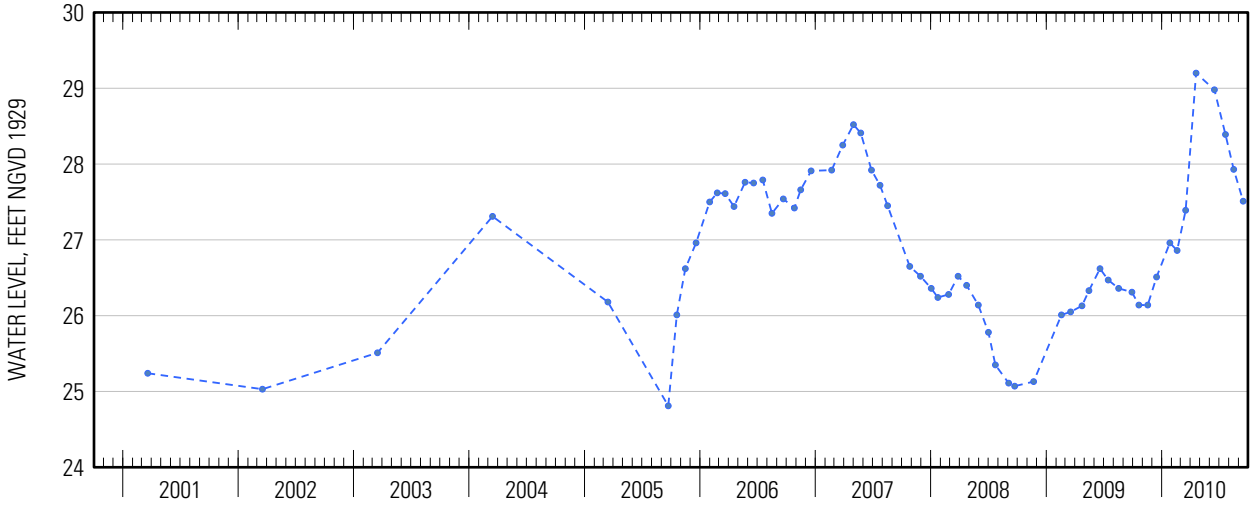
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.20 ft above sea level, April 19, 2010; lowest measured, 23.53 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 26.14 | Apr 19 | 29.20 |
| Nov 17 | 26.14 | Jun 16 | 28.98 |
| Dec 15 | 26.51 | Jul 21 | 28.39 |
| Jan 26 | 26.96 | Aug 16 | 27.93 |
| Feb 18 | 26.86 | Sep 15 | 27.51 |
| Mar 17 | 27.39 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405405072442703, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405405072442703.2010.pdf

Water-Data Report 2010

# 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.

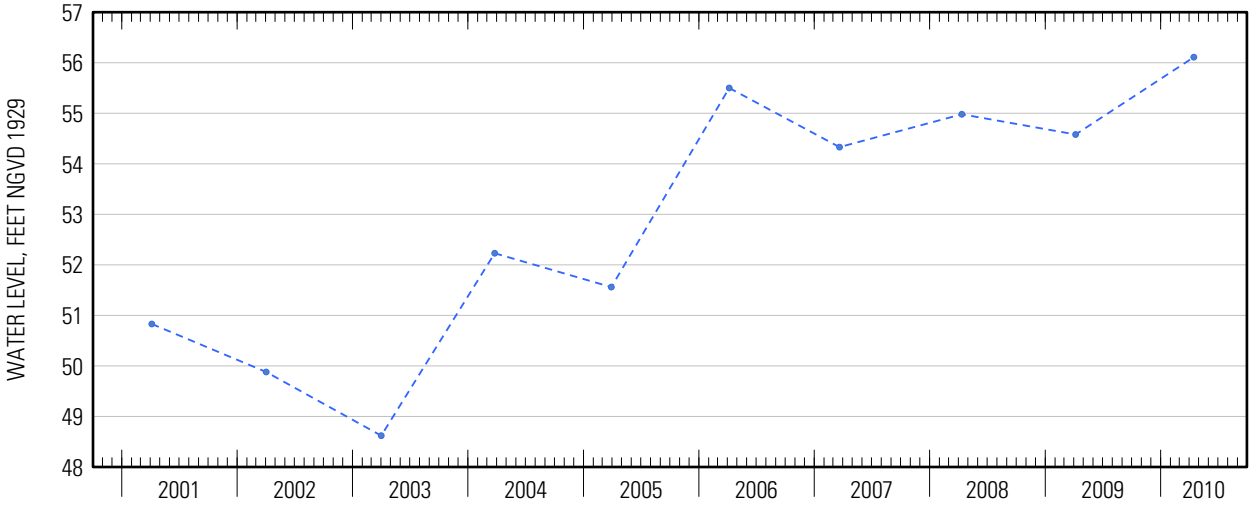
PERIOD OF RECORD.--March 1977 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 15 | 56.11 |



Water-Data Report 2010

# 405410073281401 Local number S 9. 1

Northern Atlantic Coastal Plain aquifer system
Lloyd Aquifer

Suffolk County, NY

LOCATION.--Lat 40°54′18″, long 73°28′16″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030201.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 565 ft. Upper casing diameter 10 in; top of first opening 505 ft, bottom of last opening 565 ft.

DATUM.--Land-surface datum is 128.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of airline hole in pump base, 15.20 ft below land-surface datum.

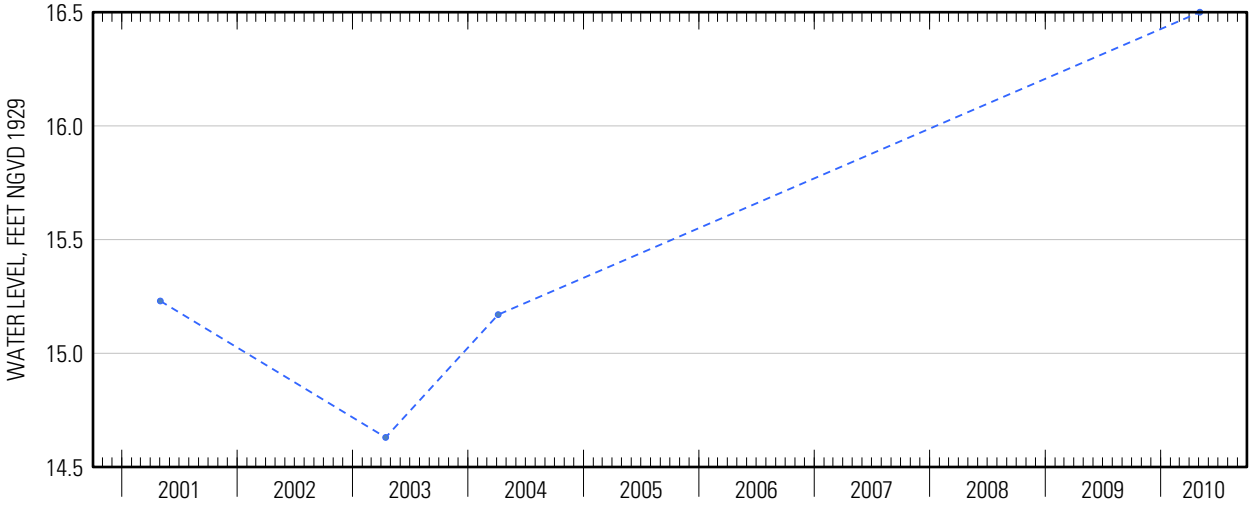
PERIOD OF RECORD. --April 1955 to October 1958, December 1970 to January 1972, January 1976 to April 2004, and May 2010.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.50 ft above sea level, May 4, 2010; lowest measured, 7.92 ft above sea level, January 11, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| May 4 | 16.50 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405410073281401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405410073281401.2010.pdf

Water-Data Report 2010

# 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.

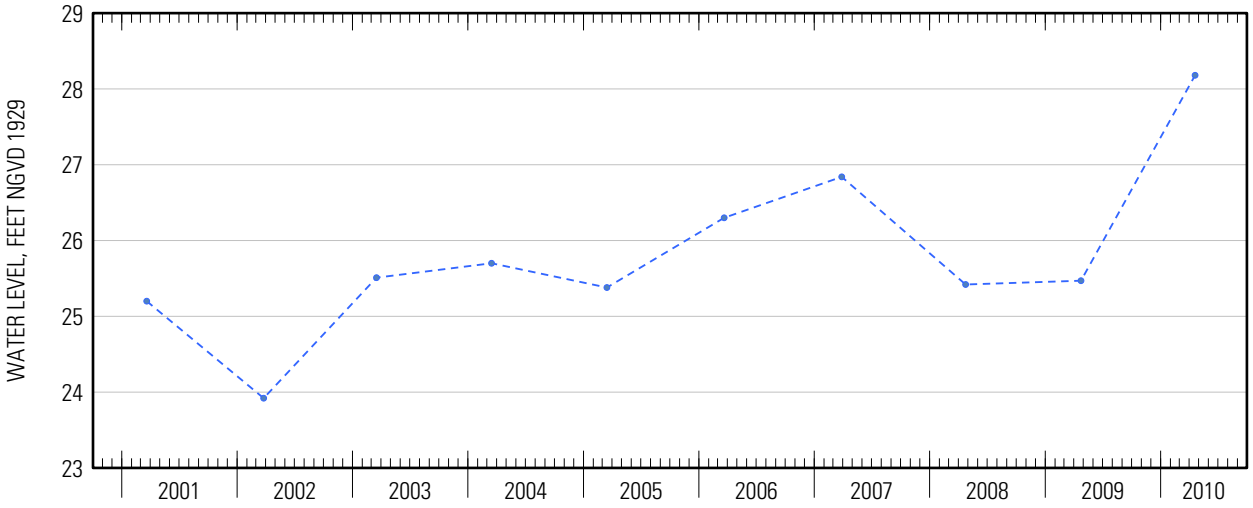
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.18 ft above sea level, April 19, 2010; lowest measured, 23.51 ft above sea level, August 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 28.18 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405412072441401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405412072441401.2010.pdf

Water-Data Report 2010

# 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.

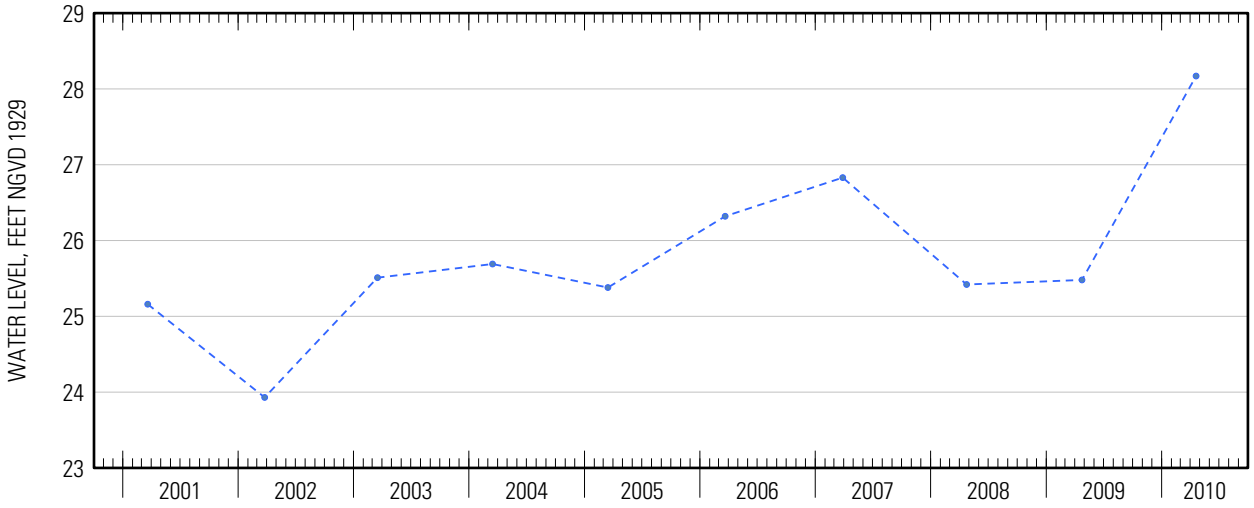
PERIOD OF RECORD.--January 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 28.17 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405412072441402, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405412072441402.2010.pdf

Water-Data Report 2010

# 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.

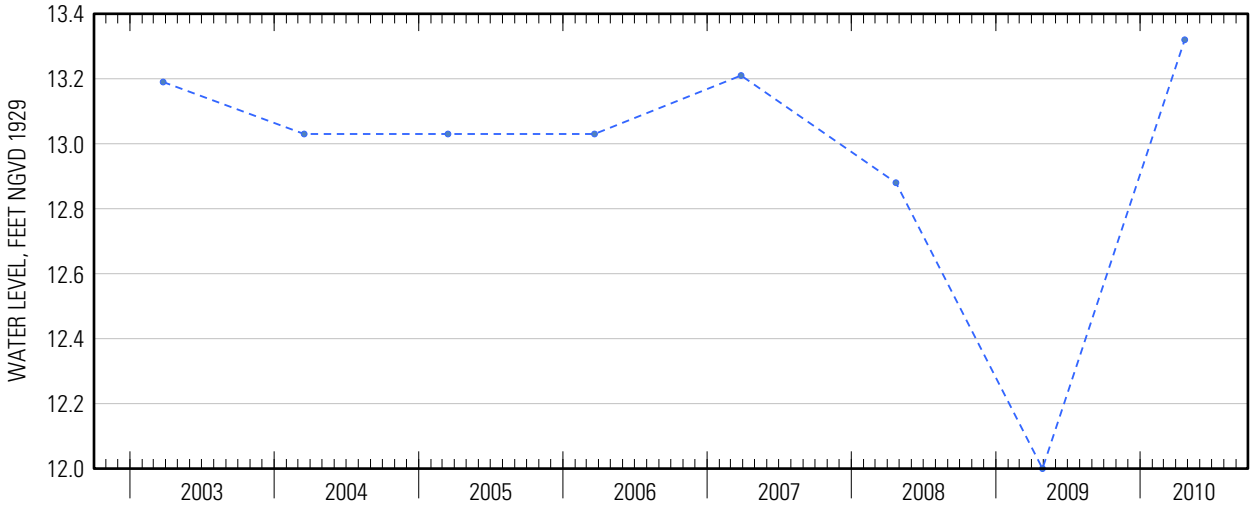
PERIOD OF RECORD.--May 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 23 | 13.32 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405417072402300, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405417072402300.2010.pdf

Water-Data Report 2010

# 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.

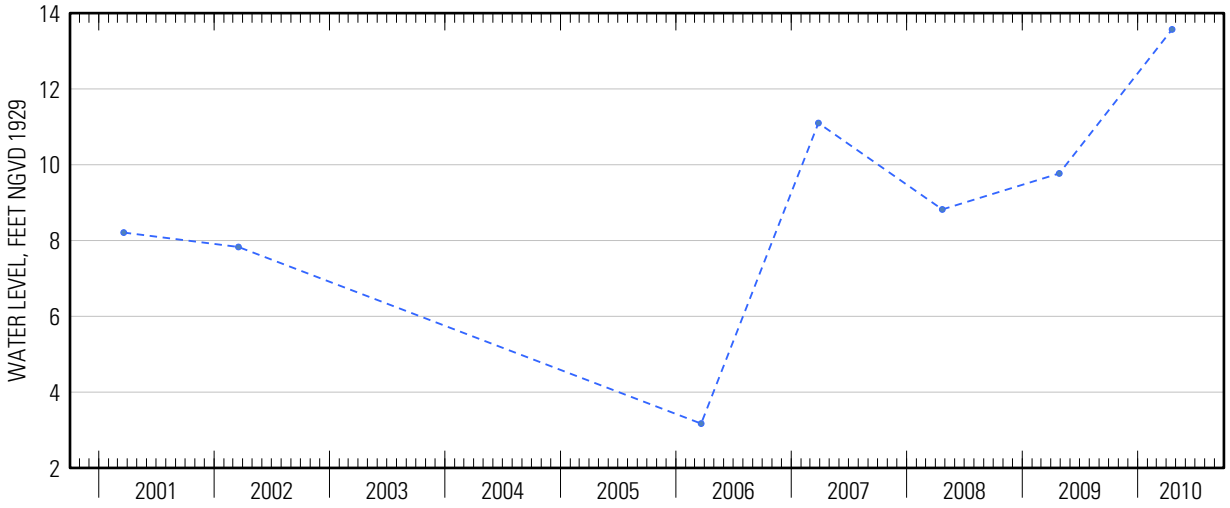
PERIOD OF RECORD.--November 1972 to November 1973, April 1977 to April 1987, March 1990 to March 2002, and March 2007 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.57 ft above sea level, April 19, 2010; lowest measured, 6.53 ft above sea level, September 18, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 13.57 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405418072233800, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405418072233800.2010.pdf

Water-Data Report 2010

# 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.

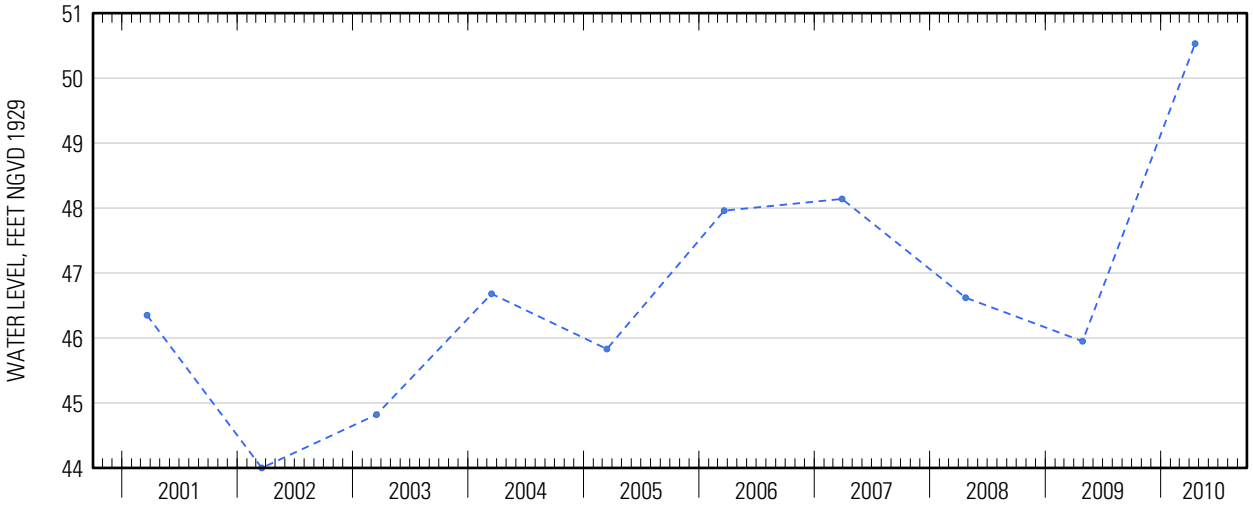
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.53 ft above sea level, April 19, 2010; lowest measured, 42.48 ft above sea level, February 1, 1989.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 50.53 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405418072511201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405418072511201.2010.pdf

Water-Data Report 2010

# 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.

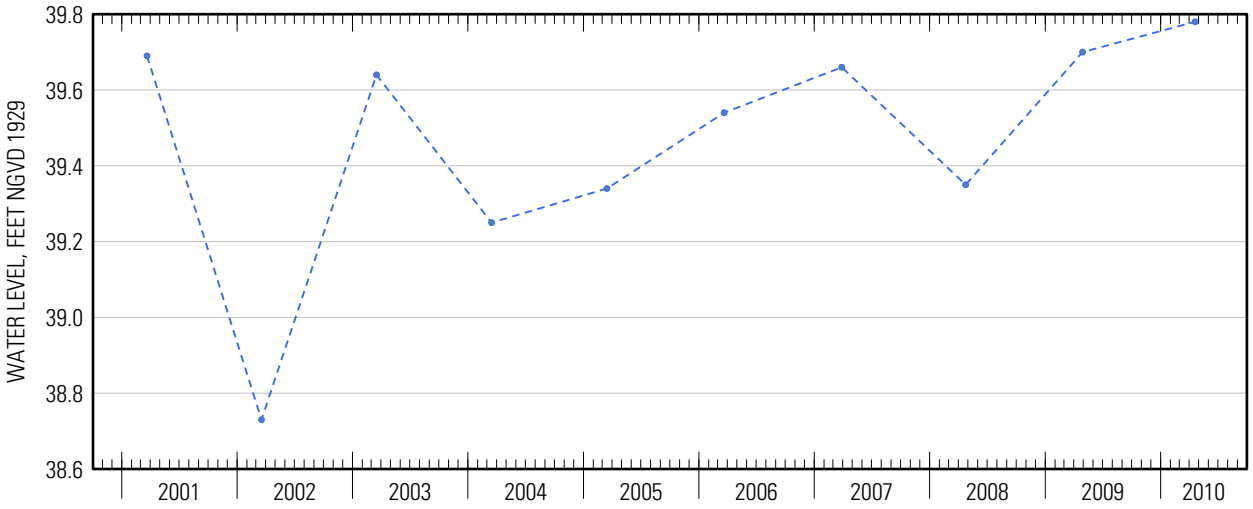
PERIOD OF RECORD.--May 1983 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 39.78 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405421072474501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405421072474501.2010.pdf

Water-Data Report 2010

# 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.

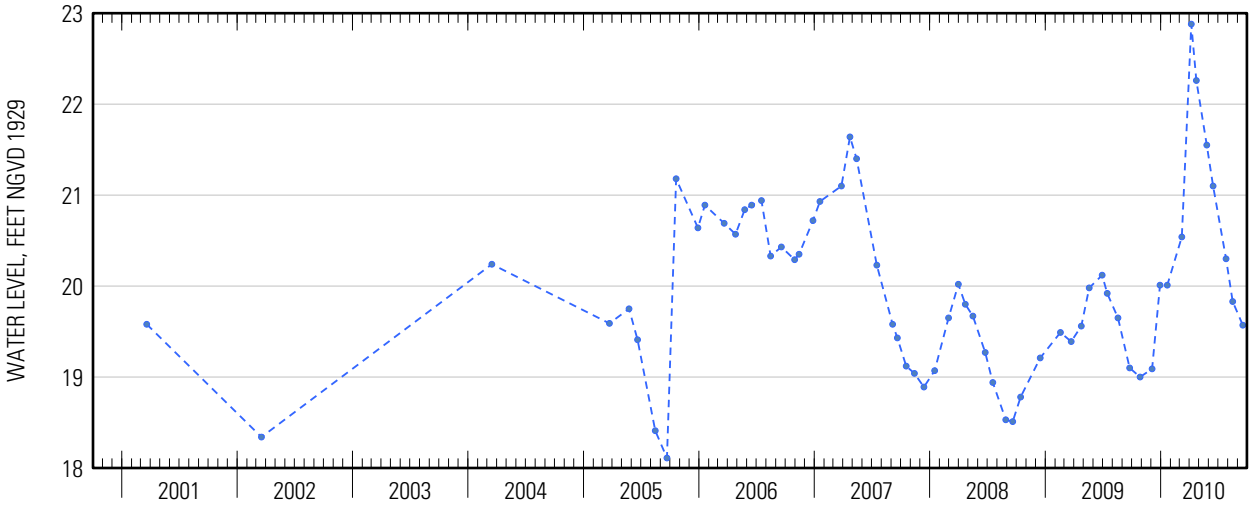
PERIOD OF RECORD.--May 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.88 ft above sea level, April 7, 2010; lowest measured, 17.48 ft above sea level, August 28, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 19.00 | Apr 23 | 22.26 |
| Dec 4 | 19.09 | May 26 | 21.55 |
| 29 | 20.01 | Jun 15 | 21.10 |
| Jan 21 | 20.01 | Jul 26 | 20.30 |
| Mar 8 | 20.54 | Aug 16 | 19.83 |
| Apr 7 | 22.88 | Sep 17 | 19.57 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405434072421401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405434072421401.2010.pdf

Water-Data Report 2010

# 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.

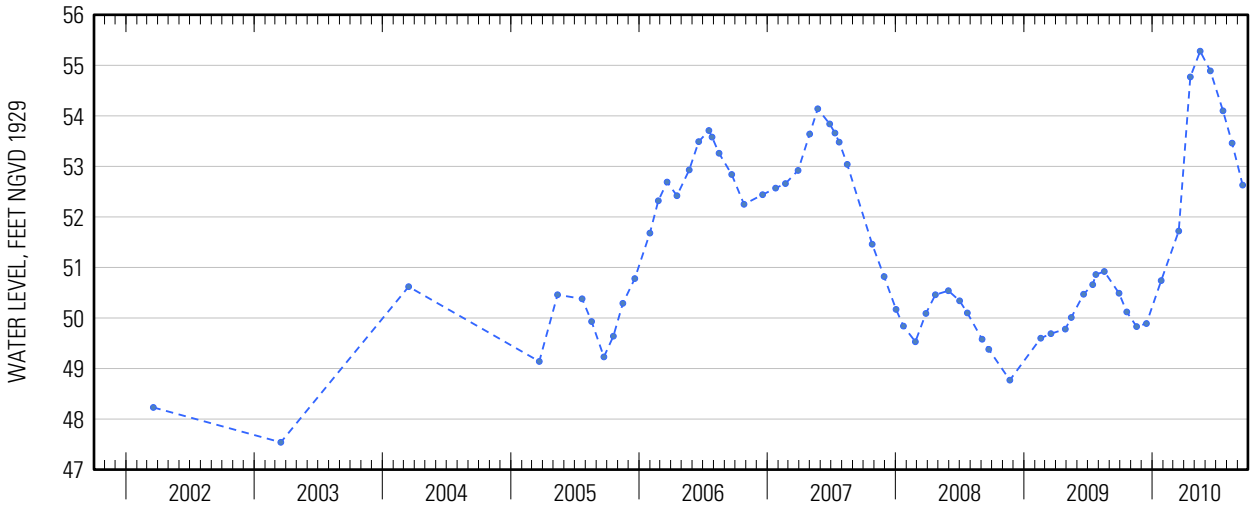
PERIOD OF RECORD.--June 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.28 ft above sea level, May 17, 2010; lowest measured, 44.88 ft above sea level, February 1, 1989.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 50.12 | May 17 | 55.28 |
| Nov 17 | 49.83 | Jun 15 | 54.89 |
| Dec 15 | 49.89 | Jul 21 | 54.10 |
| Jan 26 | 50.74 | Aug 16 | 53.46 |
| Mar 17 | 51.72 | Sep 15 | 52.63 |
| Apr 19 | 54.77 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405446072524801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405446072524801.2010.pdf

Water-Data Report 2010

# 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.

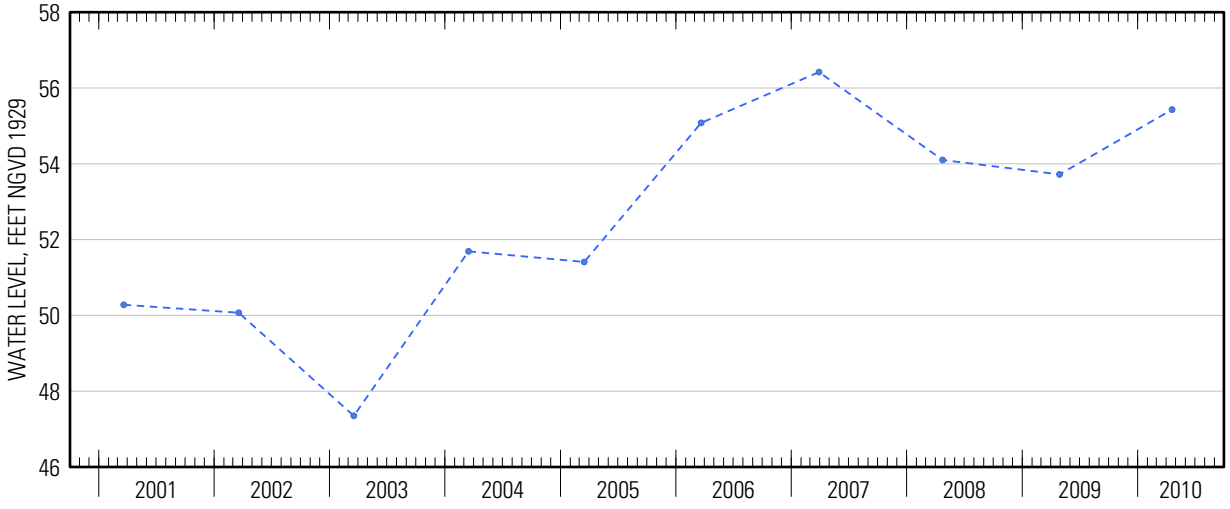
PERIOD OF RECORD.--January 1979 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 55.43 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405504073011201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405504073011201.2010.pdf

Water-Data Report 2010

# 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.

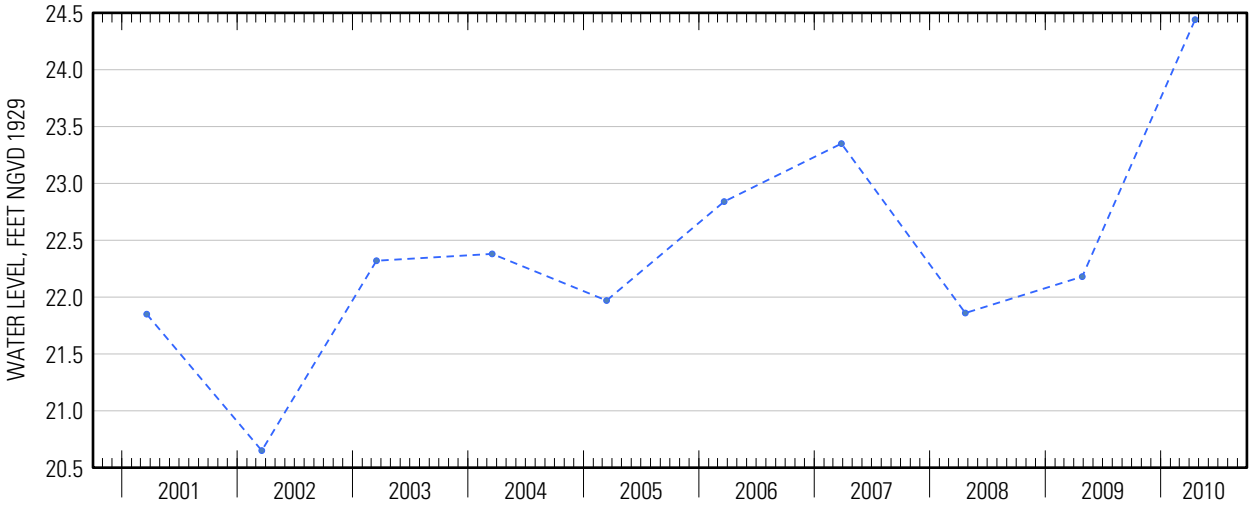
PERIOD OF RECORD.--October 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.44 ft above sea level, April 19, 2010; lowest measured, 18.38 ft above sea level, September 14, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 24.44 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405505072432201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405505072432201.2010.pdf

Water-Data Report 2010

# 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.

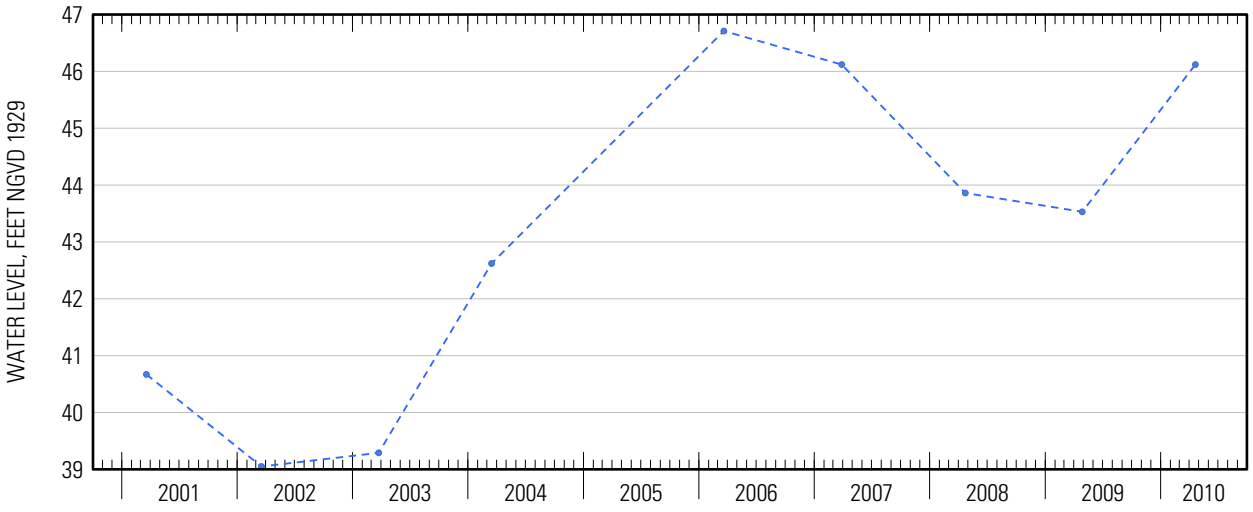
PERIOD OF RECORD.--September 1971 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 46.12 |



Water-Data Report 2010

# 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.

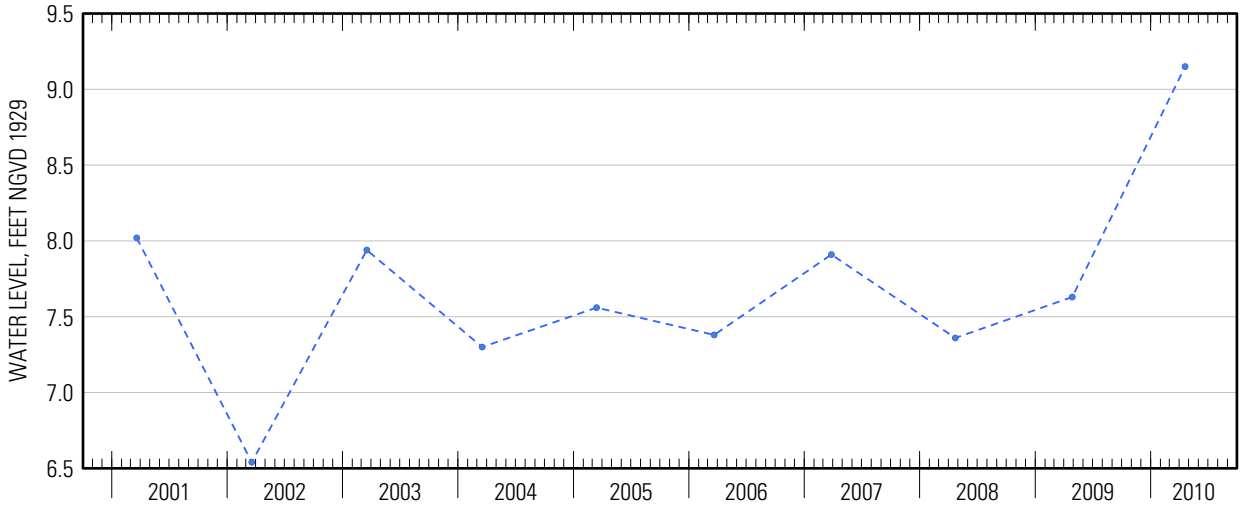
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft above sea level, April 19, 2010; lowest measured, 6.08 ft above sea level, September 20, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 9.15 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405512072395202, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405512072395202.2010.pdf

Water-Data Report 2010

# 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.

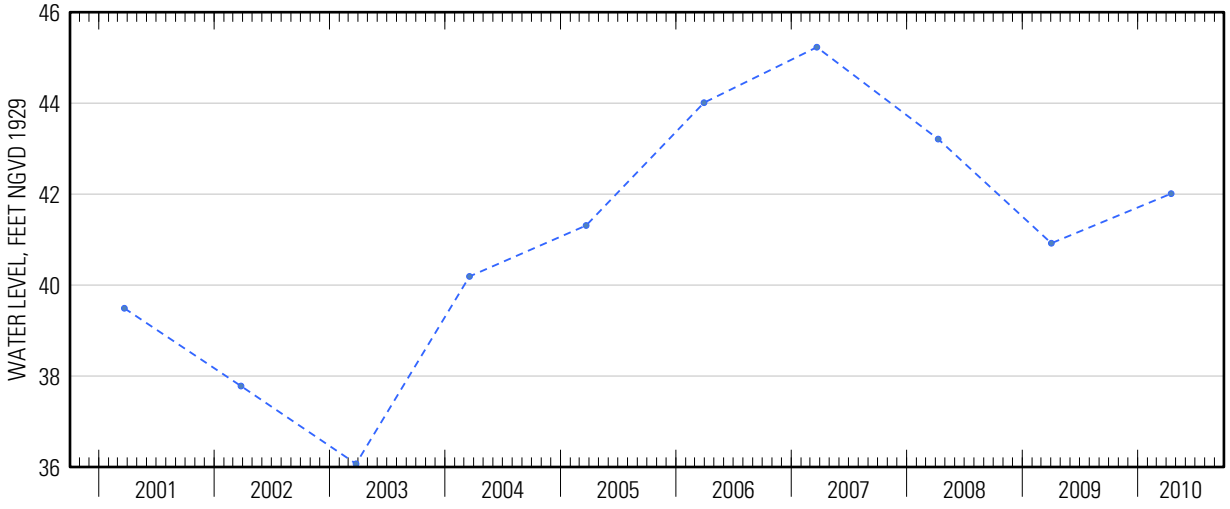
PERIOD OF RECORD.--March 1977 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 16 | 42.01 |



Water-Data Report 2010

# 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.

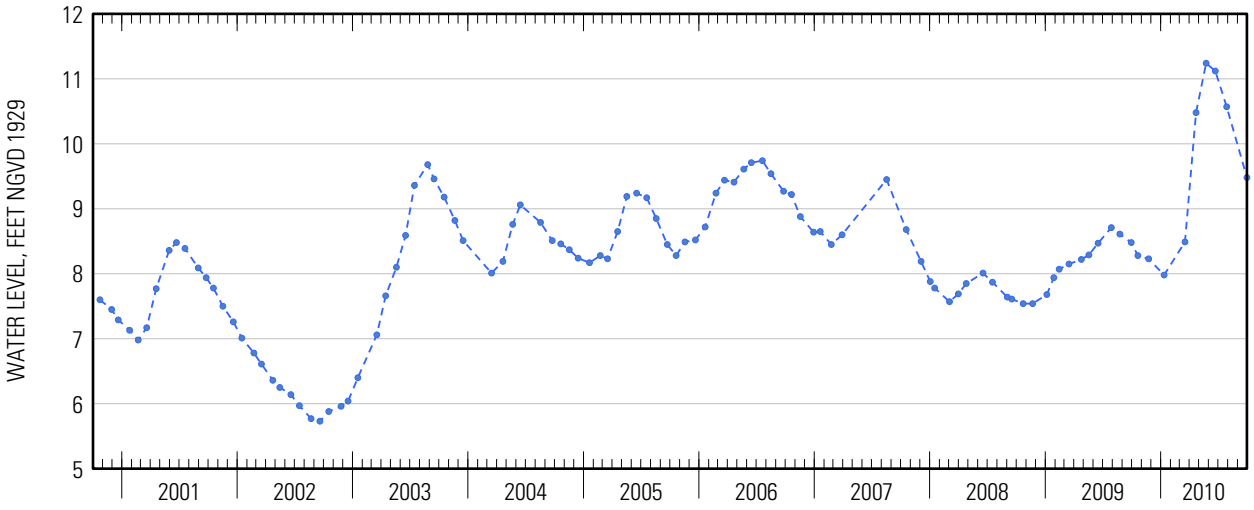
PERIOD OF RECORD.--April 1986 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.24 ft above sea level, May 24, 2010; lowest measured, 5.73 ft above sea level, September 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 8.28 | May 24 | 11.24 |
| Nov 23 | 8.23 | Jun 22 | 11.12 |
| Jan 11 | 7.98 | Jul 28 | 10.57 |
| Mar 18 | 8.49 | Sep 30 | 9.48 |
| Apr 22 | 10.48 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405529073272901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405529073272901.2010.pdf

Water-Data Report 2010

# 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.

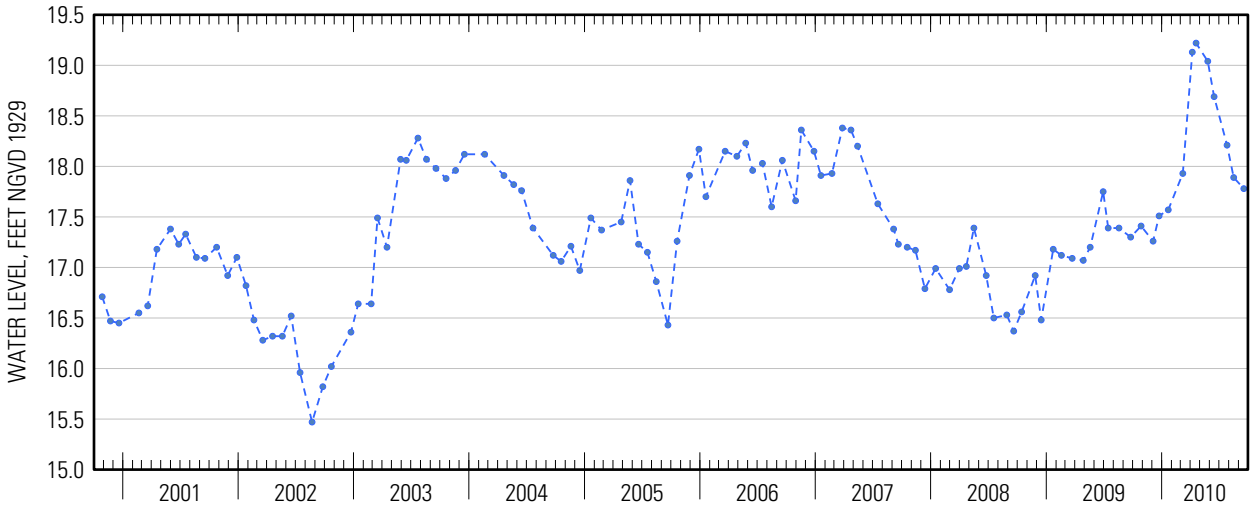
PERIOD OF RECORD.--June 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.22 ft above sea level, April 19, 2010; lowest measured, 15.47 ft above sea level, August 22, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 17.41 | Apr 19 | 19.22 |
| Dec 4 | 17.26 | May 26 | 19.04 |
| 23 | 17.51 | Jun 15 | 18.69 |
| Jan 21 | 17.57 | Jul 26 | 18.21 |
| Mar 8 | 17.93 | Aug 16 | 17.89 |
| Apr 7 | 19.13 | Sep 17 | 17.78 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405536072375301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405536072375301.2010.pdf

Water-Data Report 2010

# 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.

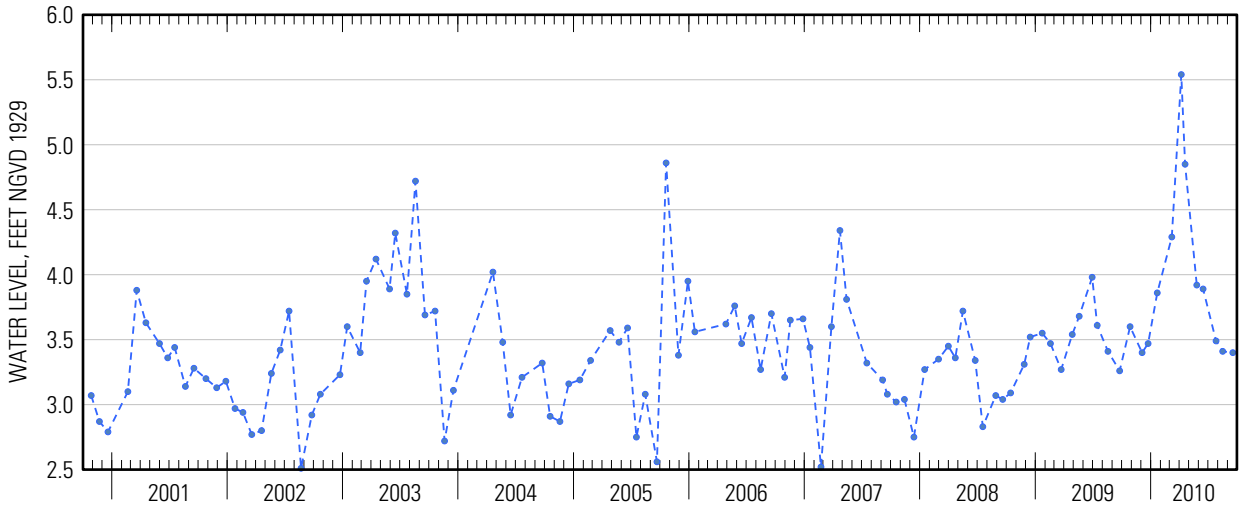
PERIOD OF RECORD.--June 1987 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.54 ft above sea level, April 7, 2010; lowest measured, 2.21 ft above sea level, November 30, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 3.60 | Apr 19 | 4.85 |
| Dec 4 | 3.40 | May 26 | 3.92 |
| 23 | 3.47 | Jun 15 | 3.89 |
| Jan 21 | 3.86 | Jul 26 | 3.49 |
| Mar 8 | 4.29 | Aug 16 | 3.41 |
| Apr 7 | 5.54 | Sep 17 | 3.40 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405536072375302, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405536072375302.2010.pdf

Water-Data Report 2010

# 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.

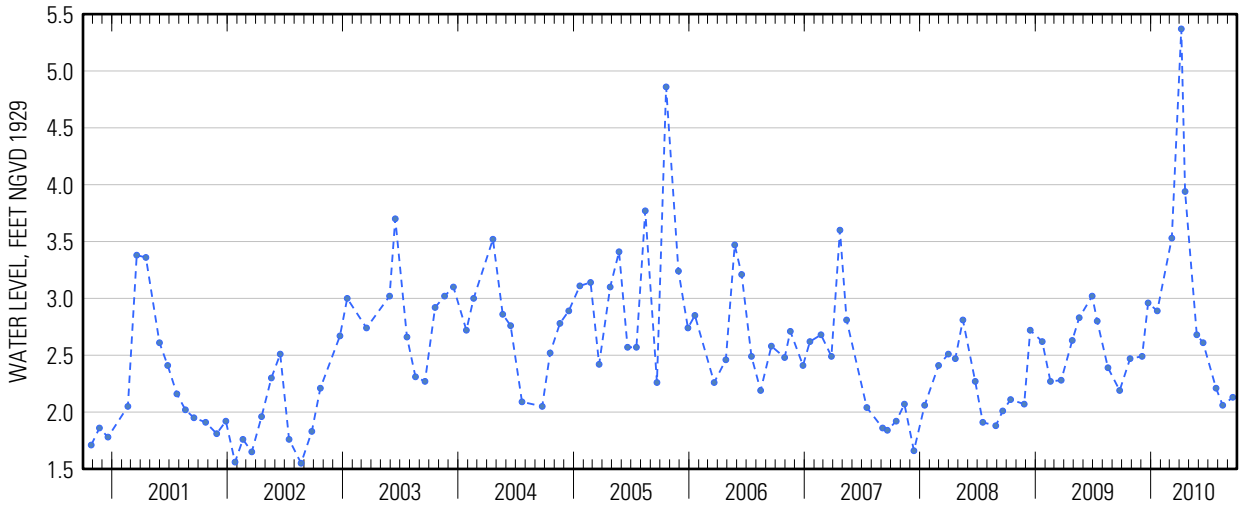
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S47231.1 in March 1995 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.37 ft above sea level, April 7, 2010; lowest measured, 1.55 ft above sea level, August 22, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 2.47 | Apr 19 | 3.94 |
| Dec 4 | 2.49 | May 26 | 2.68 |
| 23 | 2.96 | Jun 15 | 2.61 |
| Jan 21 | 2.89 | Jul 26 | 2.21 |
| Mar 8 | 3.53 | Aug 16 | 2.06 |
| Apr 7 | 5.37 | Sep 17 | 2.13 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405536072375303, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405536072375303.2010.pdf

Water-Data Report 2010

# 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.

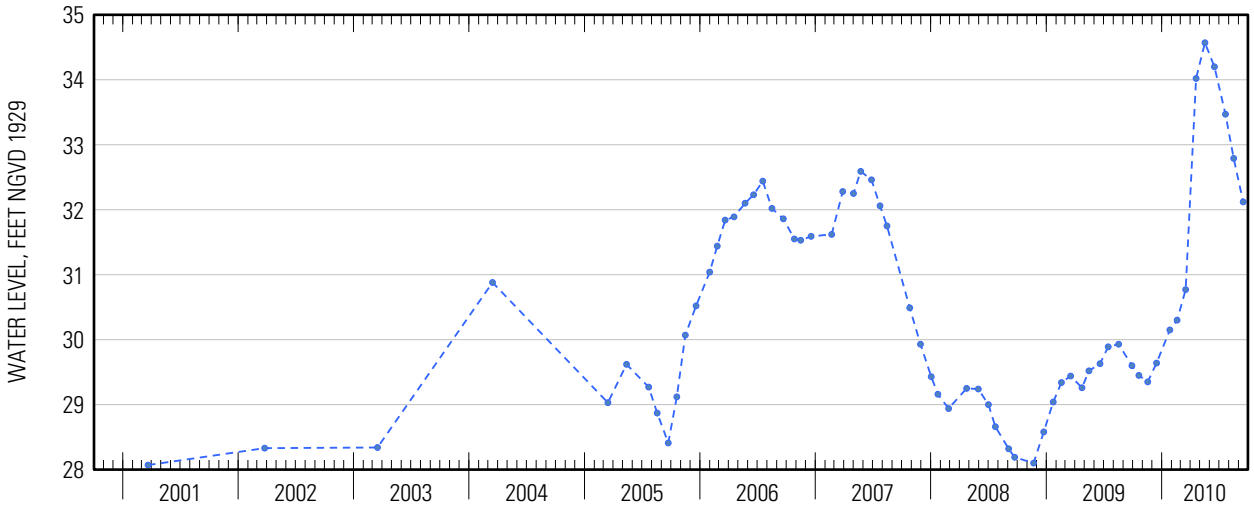
PERIOD OF RECORD.--July 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 29.45 | Apr 19 | 34.02 |
| Nov 17 | 29.35 | May 17 | 34.57 |
| Dec 15 | 29.64 | Jun 16 | 34.20 |
| Jan 26 | 30.15 | Jul 21 | 33.47 |
| Feb 18 | 30.30 | Aug 16 | 32.79 |
| Mar 17 | 30.77 | Sep 15 | 32.12 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405542072463001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405542072463001.2010.pdf

Water-Data Report 2010

# 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.

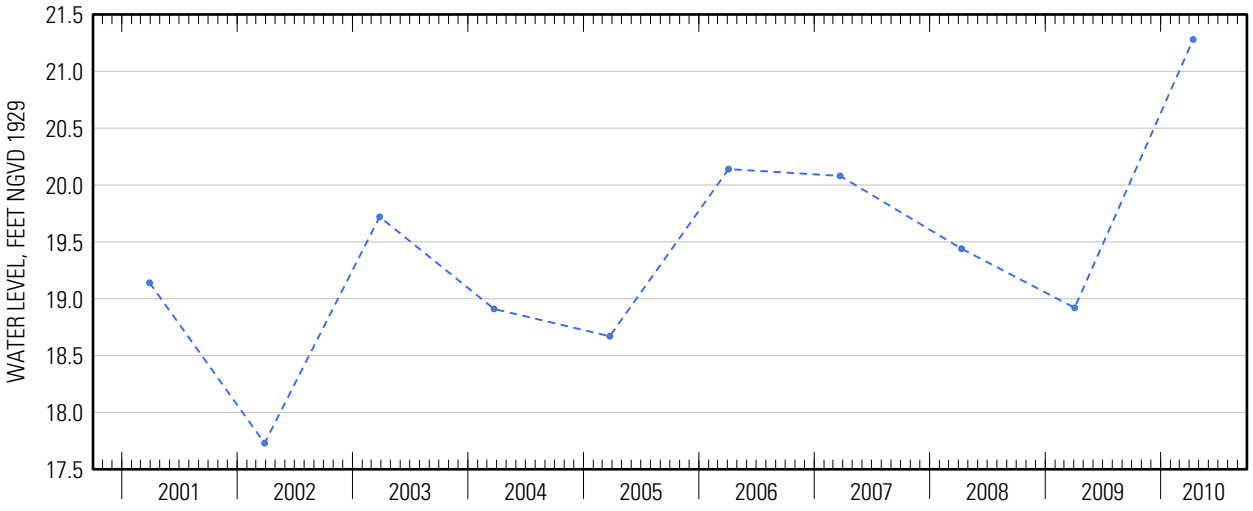
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.28 ft above sea level, April 13, 2010; lowest measured, 16.54 ft above sea level, April 7, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 13 | 21.28 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405551072561601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405551072561601.2010.pdf

Water-Data Report 2010

# 405559072145901 Local number S 60123. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°56′00″, long 72°15′00″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of Wainscott Hollow Road and Wainscott Main Street, northern middle well, Wainscott.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 280 ft. Upper casing diameter 4 in; top of first opening 270 ft, bottom of last opening 280 ft.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.02 ft above land-surface datum.

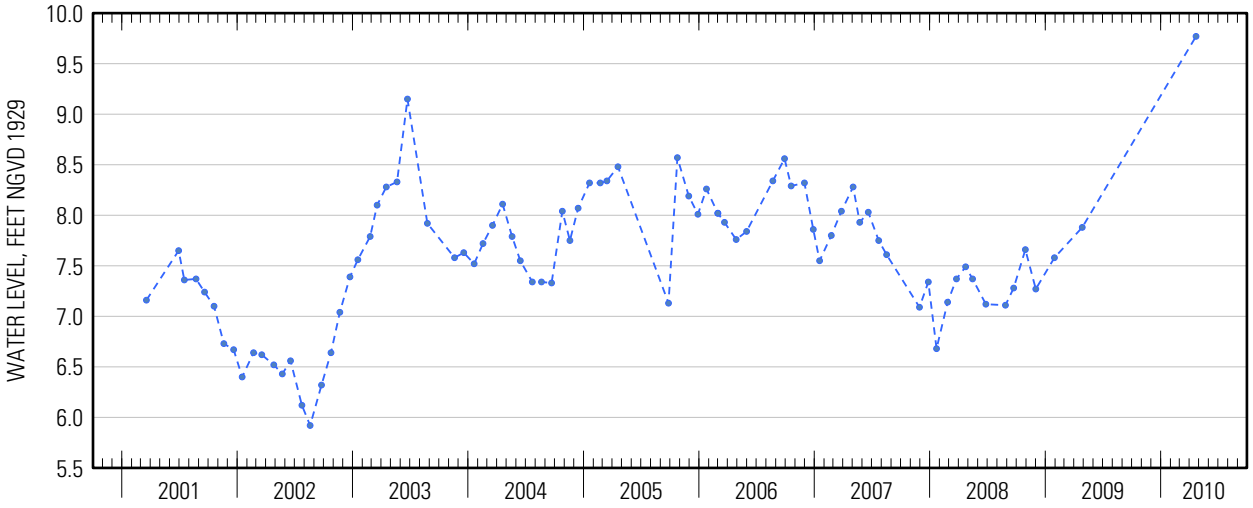
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.77 ft above sea level, April 22, 2010; lowest measured, 5.92 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 9.77 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405559072145901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405559072145901.2010.pdf

Water-Data Report 2010

# 405600072150002 Local number S 62395. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°56'00.1", long 72°14'58.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at southwest corner of Wainscott Hollow Road and Wainscott Main Street, southernmost well, Wainscott.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 14 ft. Upper casing diameter 2 in; top of first opening 10 ft, bottom of last opening 14 ft.

DATUM.--Land-surface datum is 12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.51 ft below land-surface datum.

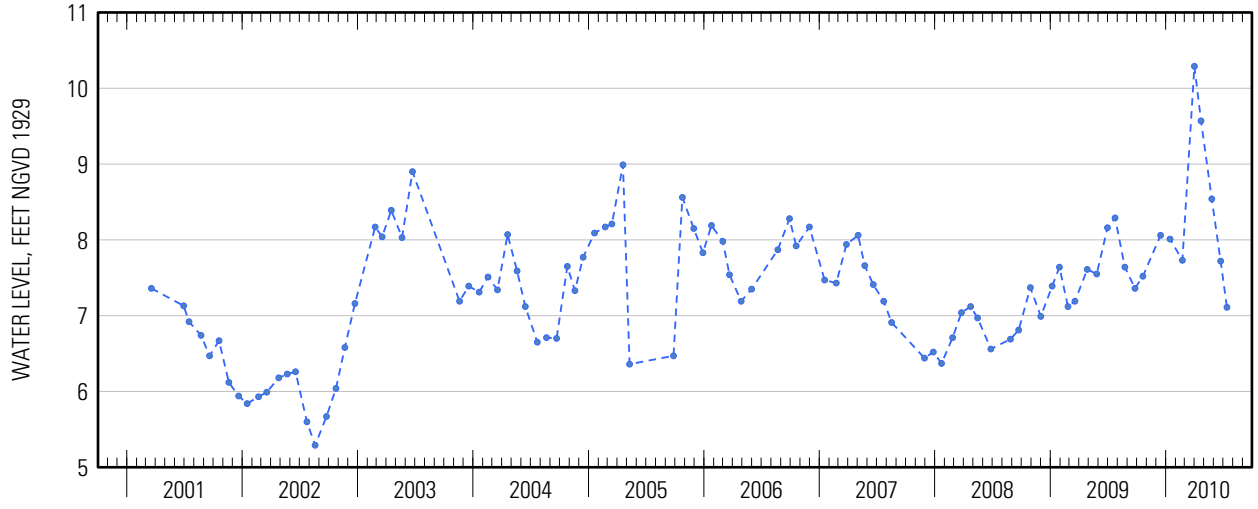
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.29 ft above sea level, April 1, 2010; lowest measured, 5.29 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 7.52 | Apr 22 | 9.57 |
| Dec 15 | 8.06 | May 26 | 8.54 |
| Jan 14 | 8.01 | Jun 23 | 7.72 |
| Feb 22 | 7.73 | Jul 13 | 7.11 |
| Apr 1 | 10.29 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405600072150002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405600072150002.2010.pdf

Water-Data Report 2010

# 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.

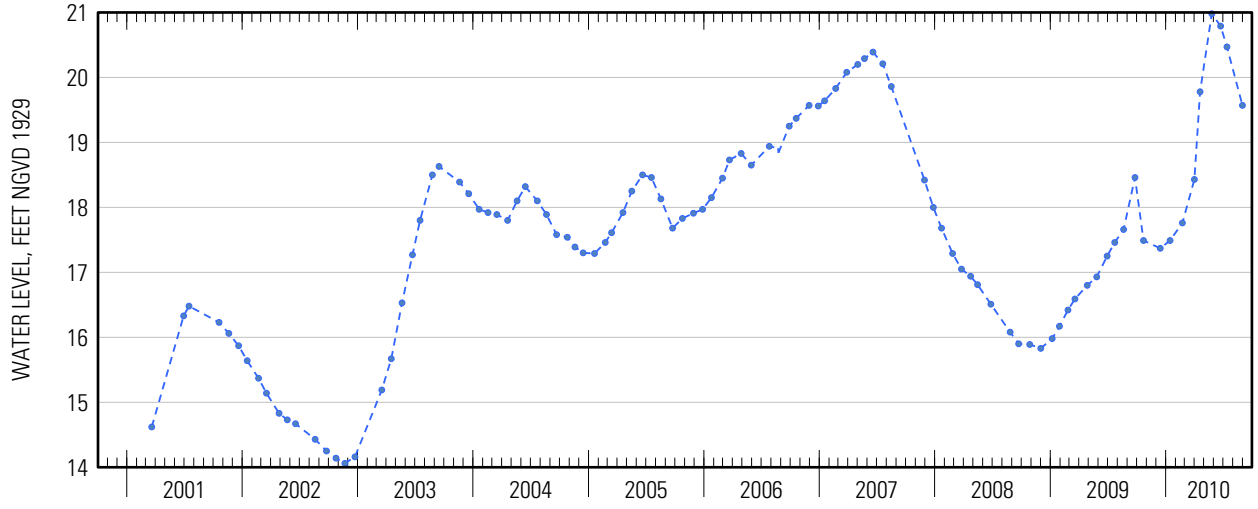
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.98 ft above sea level, May 26, 2010; lowest measured, 13.39 ft above sea level, December 2, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 22 | 17.49 | Apr 19 | 19.78 |
| Dec 14 | 17.37 | May 26 | 20.98 |
| Jan 14 | 17.49 | Jun 23 | 20.79 |
| Feb 22 | 17.76 | Jul 13 | 20.47 |
| Apr 1 | 18.43 | Aug 31 | 19.57 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405602072221802, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405602072221802.2010.pdf

Water-Data Report 2010

# 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.

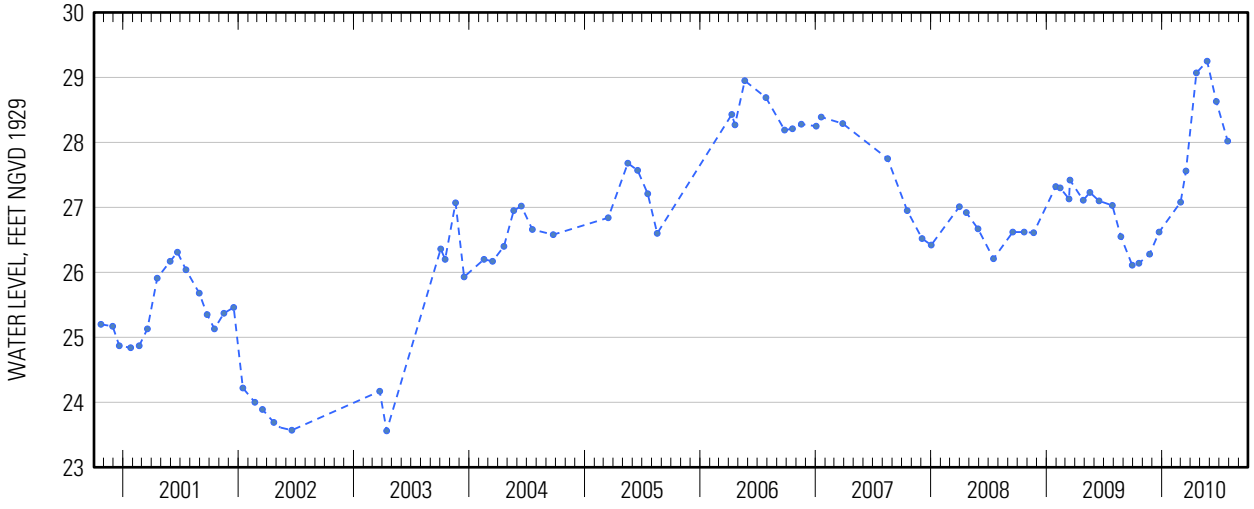
PERIOD OF RECORD.--January 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.25 ft above sea level, May 24, 2010; lowest measured, 20.83 ft above sea level, March 5, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 26.14 | Apr 20 | 29.07 |
| Nov 23 | 26.28 | May 24 | 29.25 |
| Dec 23 | 26.62 | Jun 22 | 28.63 |
| Mar 1 | 27.08 | Jul 28 | 28.02 |
| 18 | 27.56 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405604073064301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405604073064301.2010.pdf

Water-Data Report 2010

# 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.

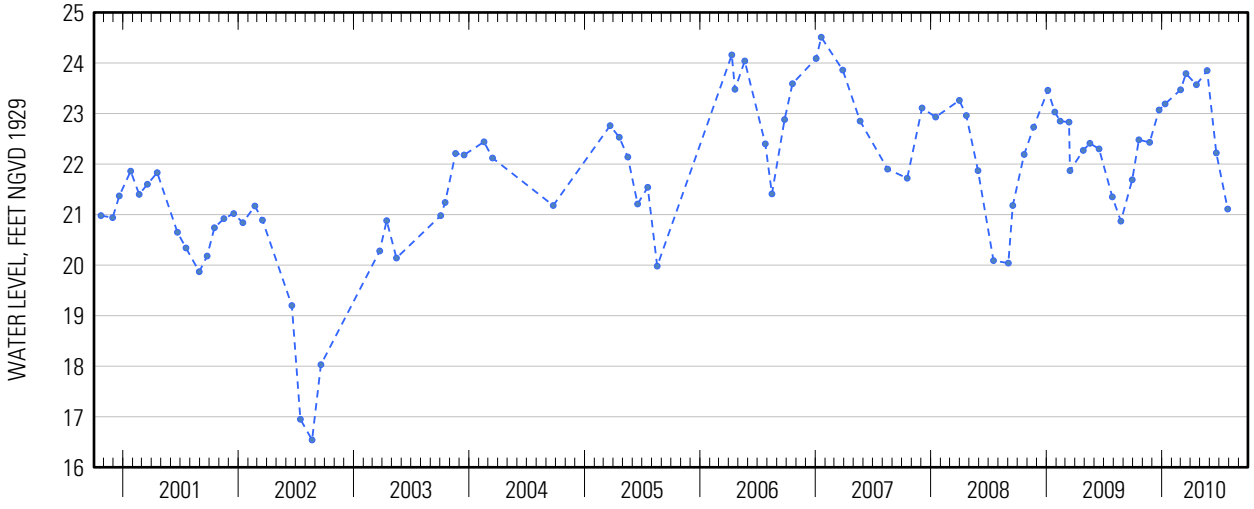
PERIOD OF RECORD.--March 1986 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 22.48 | Mar 18 | 23.79 |
| Nov 23 | 22.43 | Apr 20 | 23.57 |
| Dec 23 | 23.07 | May 24 | 23.85 |
| Jan 11 | 23.19 | Jun 22 | 22.22 |
| Mar 1 | 23.47 | Jul 28 | 21.11 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405604073064302, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405604073064302.2010.pdf

Water-Data Report 2010

# 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.

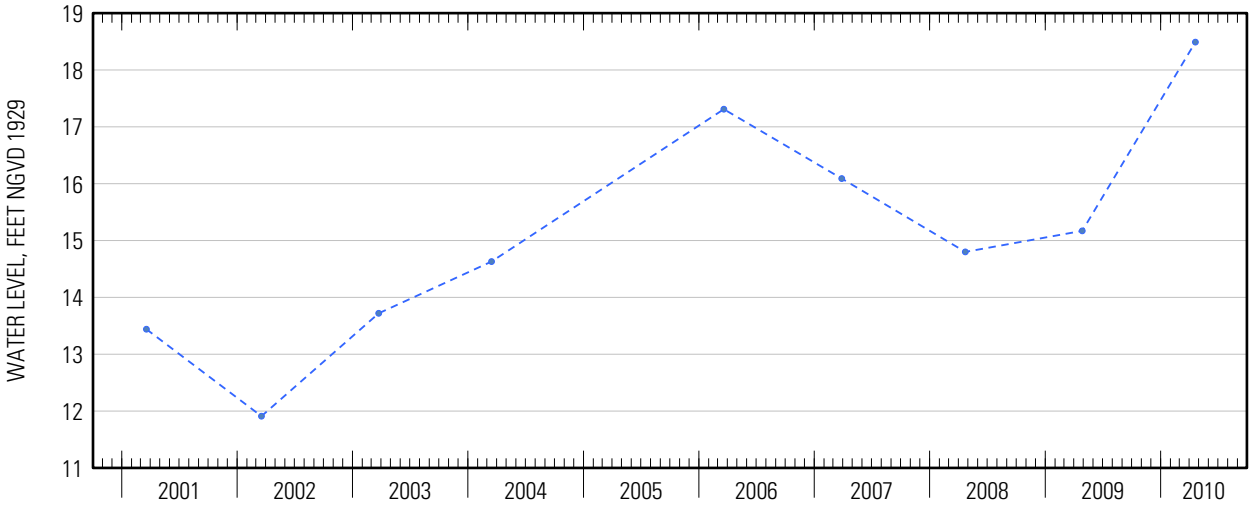
PERIOD OF RECORD.--October 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.49 ft above sea level, April 20, 2010; lowest measured, 11.55 ft above sea level, December 4, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 18.49 |



Water-Data Report 2010

# 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.

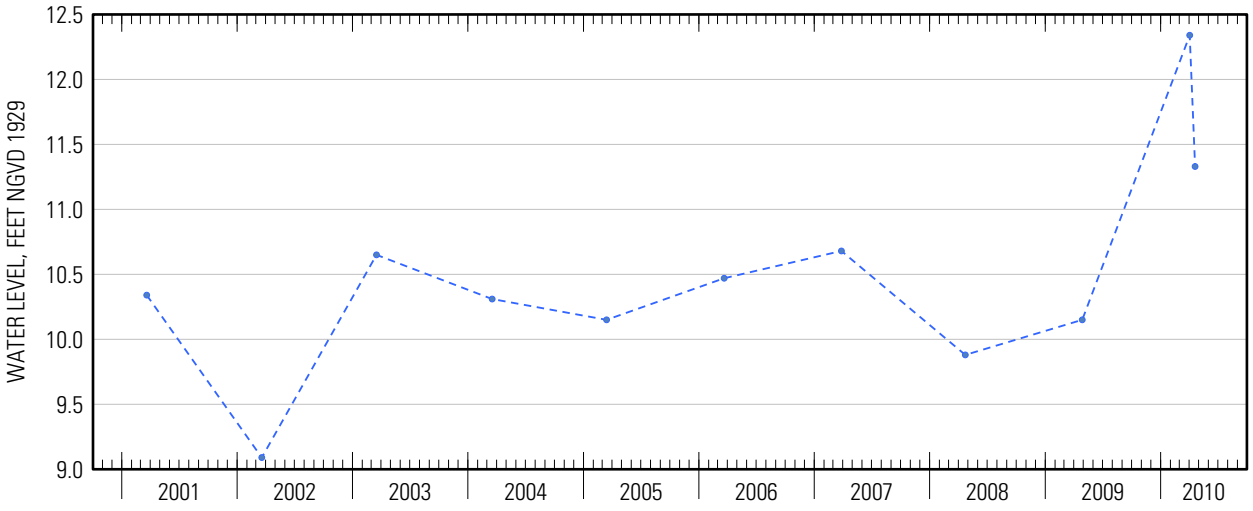
PERIOD OF RECORD.--September 1981 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 2 | 12.34 | Apr 19 | 11.33 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405607072393502, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405607072393502.2010.pdf

Water-Data Report 2010

# 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.

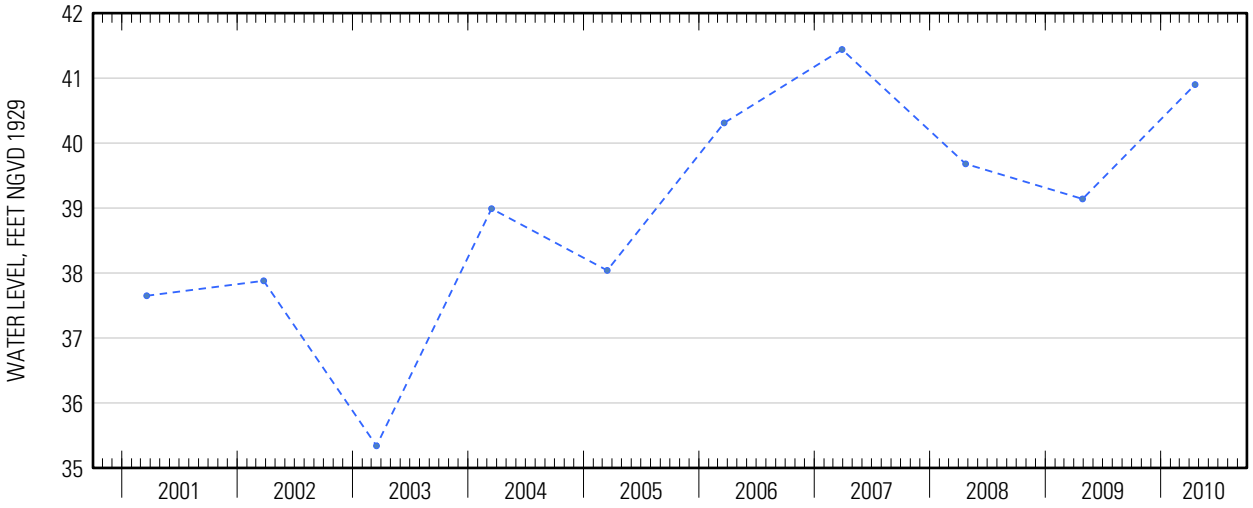
PERIOD OF RECORD.--October 1985 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 40.90 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405610072562501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405610072562501.2010.pdf

Water-Data Report 2010

# 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.

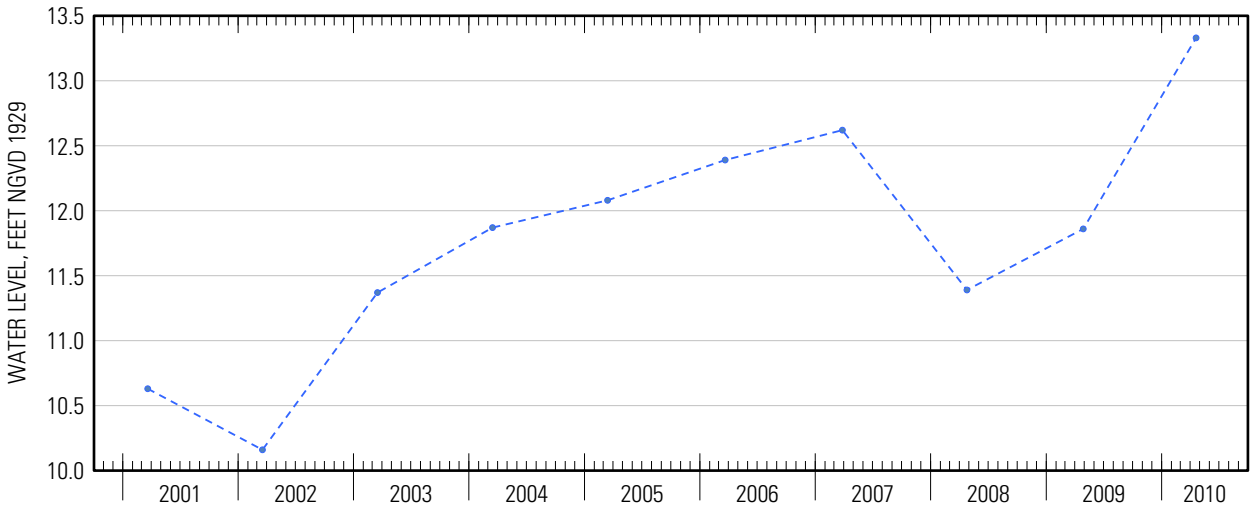
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.33 ft above sea level, April 19, 2010; lowest measured, 10.12 ft above sea level, September 18, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 13.33 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405615072182301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405615072182301.2010.pdf

Water-Data Report 2010

# 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.

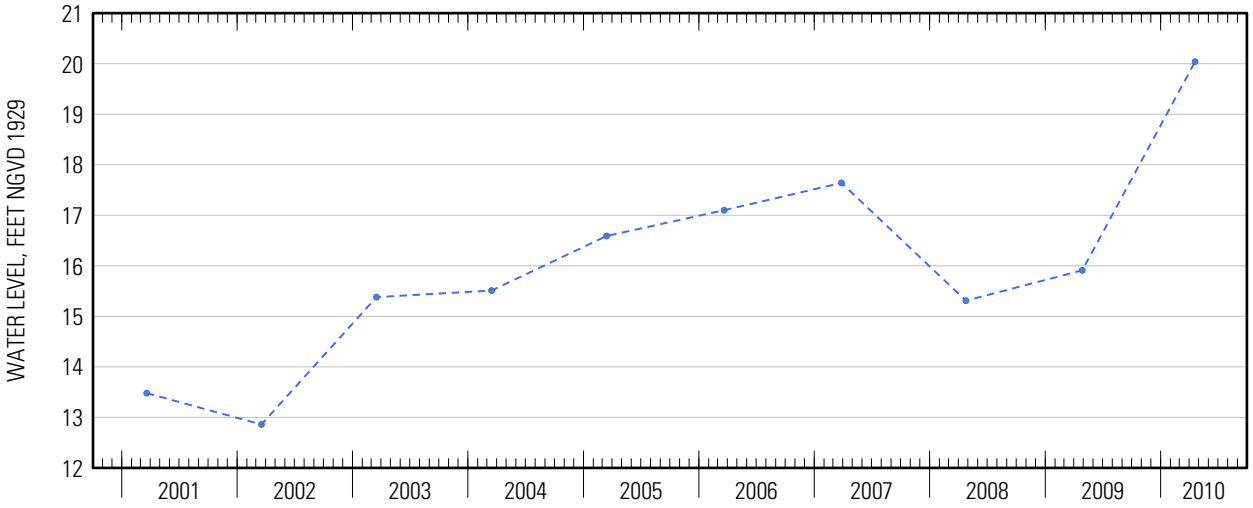
PERIOD OF RECORD.--March 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.04 ft above sea level, April 19, 2010; lowest measured, 12.38 ft above sea level, December 6, 1985.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 20.04 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405616072182301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405616072182301.2010.pdf

Water-Data Report 2010

# 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.

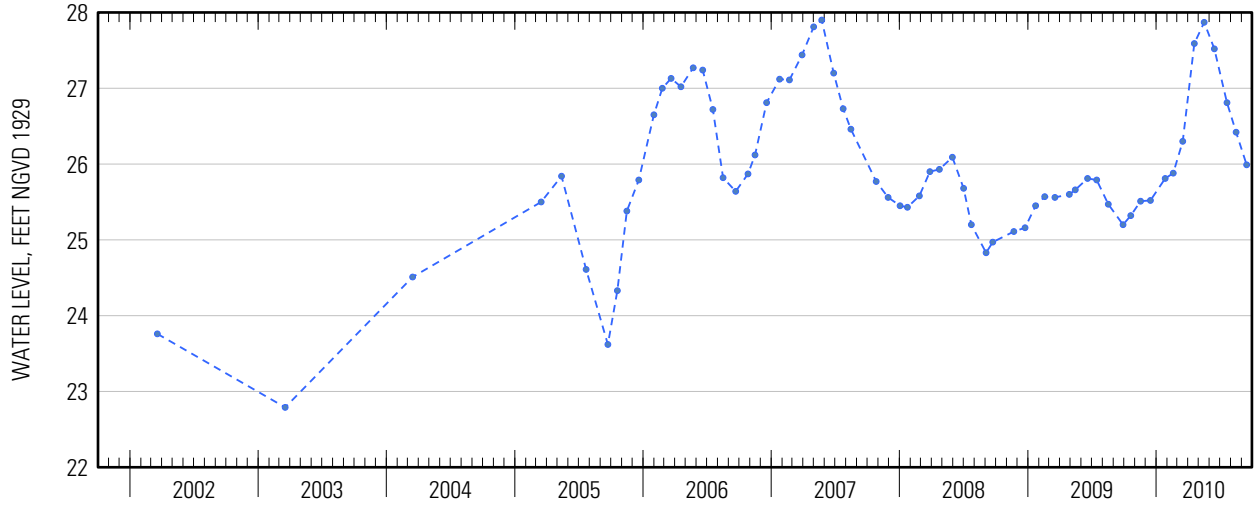
PERIOD OF RECORD.--December 1972 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 25.32 | Apr 19 | 27.59 |
| Nov 17 | 25.51 | May 17 | 27.87 |
| Dec 15 | 25.52 | Jun 15 | 27.52 |
| Jan 26 | 25.81 | Jul 21 | 26.81 |
| Feb 18 | 25.88 | Aug 16 | 26.42 |
| Mar 17 | 26.30 | Sep 15 | 25.99 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405620073022001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405620073022001.2010.pdf

Water-Data Report 2010

# 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.

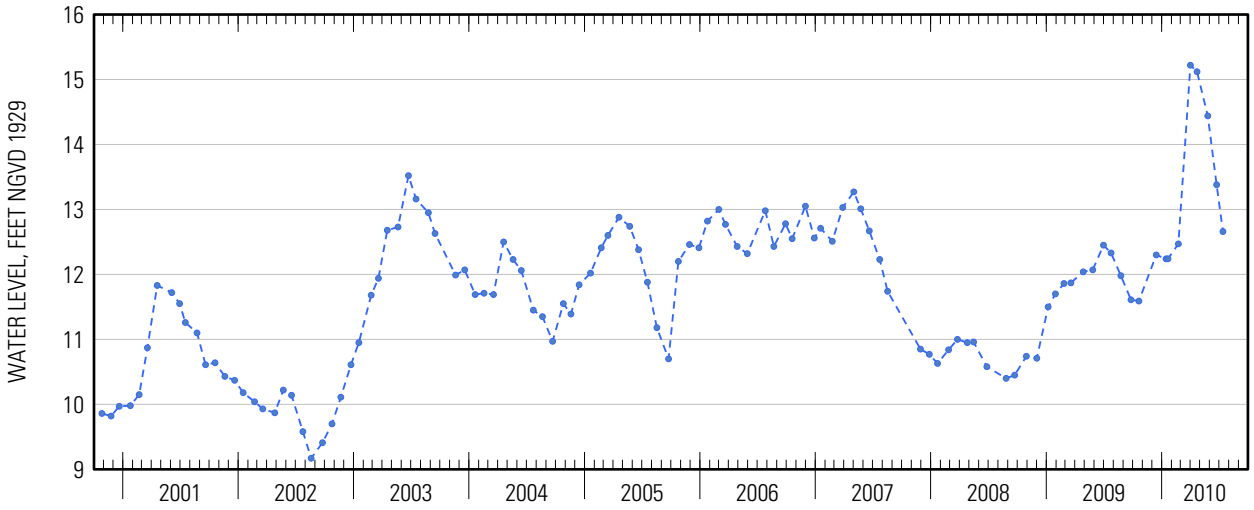
PERIOD OF RECORD.--July 1950 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.22 ft above sea level, April 1, 2010; lowest measured, 8.84 ft above sea level, August 8, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 11.59 | Apr 1 | 15.22 |
| Dec 14 | 12.30 | 22 | 15.12 |
| Jan 14 | 12.24 | May 26 | 14.44 |
| 20 | 12.24 | Jun 23 | 13.38 |
| Feb 22 | 12.47 | Jul 13 | 12.66 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405628072164701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405628072164701.2010.pdf

Water-Data Report 2010

# 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.

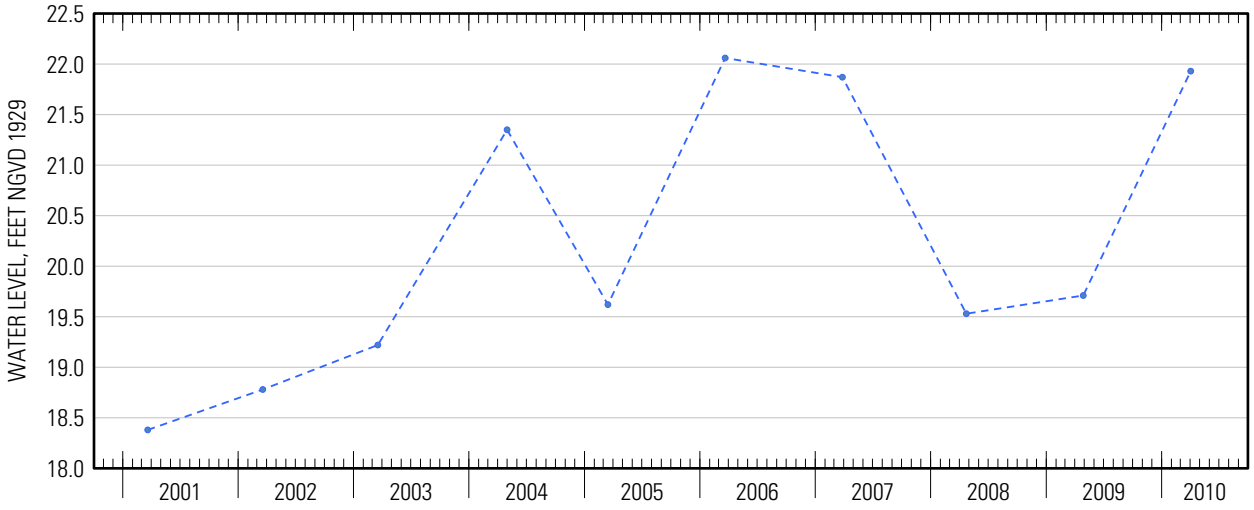
PERIOD OF RECORD.--August 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 2 | 21.93 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405630072442001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405630072442001.2010.pdf

Water-Data Report 2010

# 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.

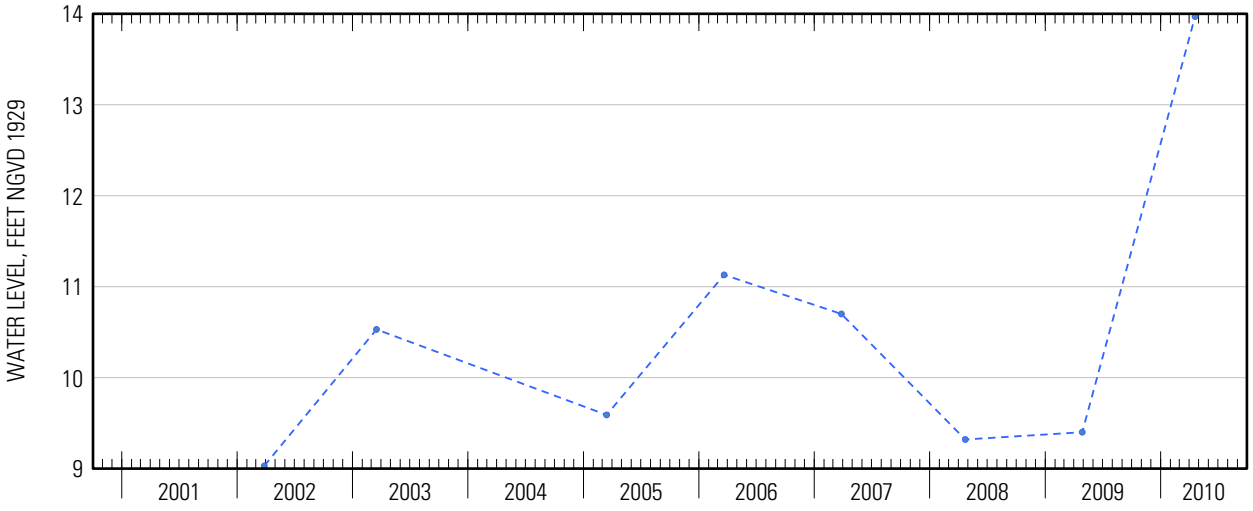
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.97 ft above sea level, April 19, 2010; lowest measured, 6.94 ft above sea level, December 14, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 13.97 |



Water-Data Report 2010

# 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.

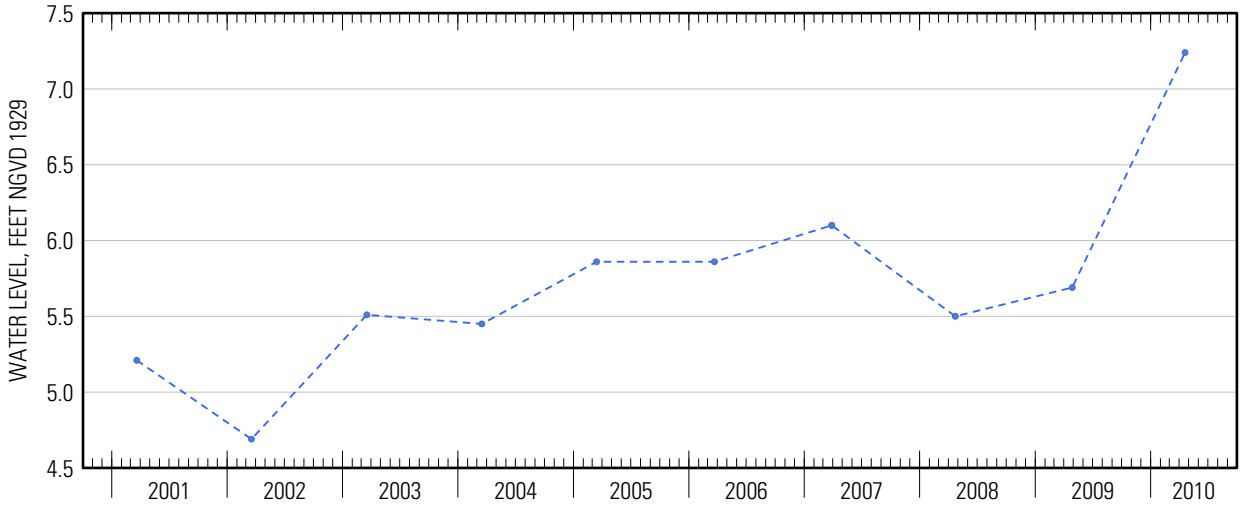
PERIOD OF RECORD.--November 1977 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.24 ft above sea level, April 19, 2010; lowest measured, 4.46 ft above sea level, June 23, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 7.24 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405642072240001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405642072240001.2010.pdf

Water-Data Report 2010

# 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.

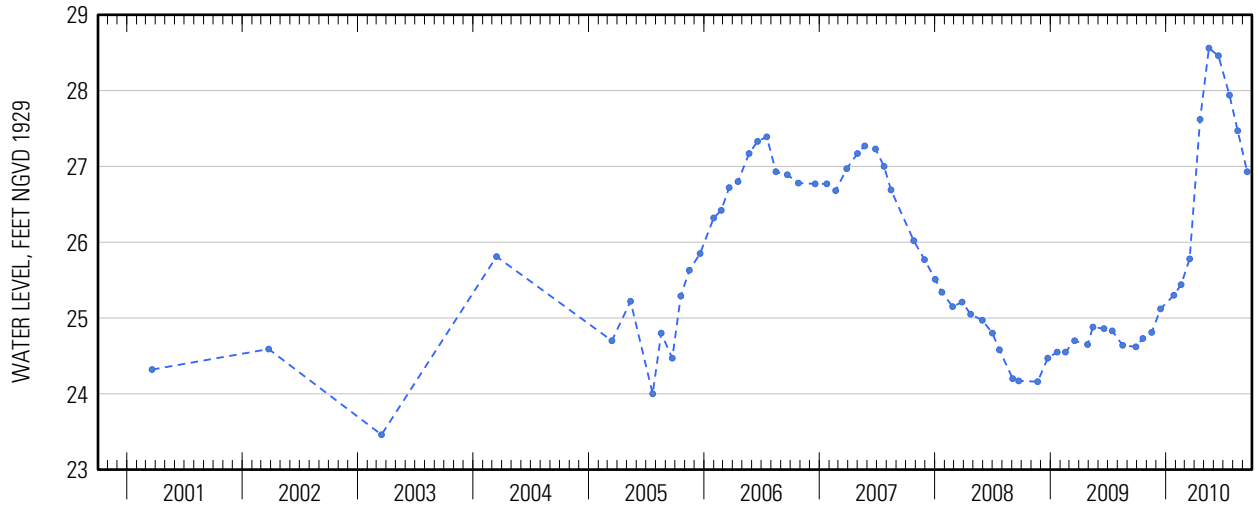
PERIOD OF RECORD.--September 1974 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 24.73 | Apr 19 | 27.62 |
| Nov 17 | 24.81 | May 17 | 28.56 |
| Dec 15 | 25.12 | Jun 16 | 28.46 |
| Jan 26 | 25.30 | Jul 21 | 27.94 |
| Feb 18 | 25.44 | Aug 16 | 27.47 |
| Mar 17 | 25.78 | Sep 15 | 26.93 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405642072491901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405642072491901.2010.pdf

Water-Data Report 2010

# 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.

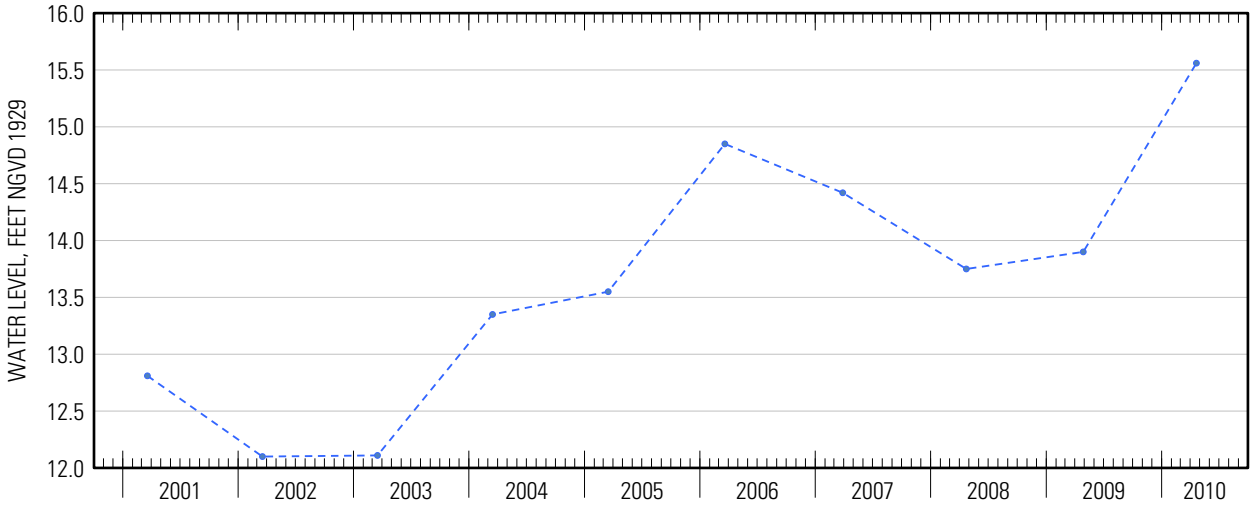
PERIOD OF RECORD.--January 1979 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.56 ft above sea level, April 20, 2010; lowest measured, 11.49 ft above sea level, December 28, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 15.56 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405644073051201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405644073051201.2010.pdf

Water-Data Report 2010

# 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.

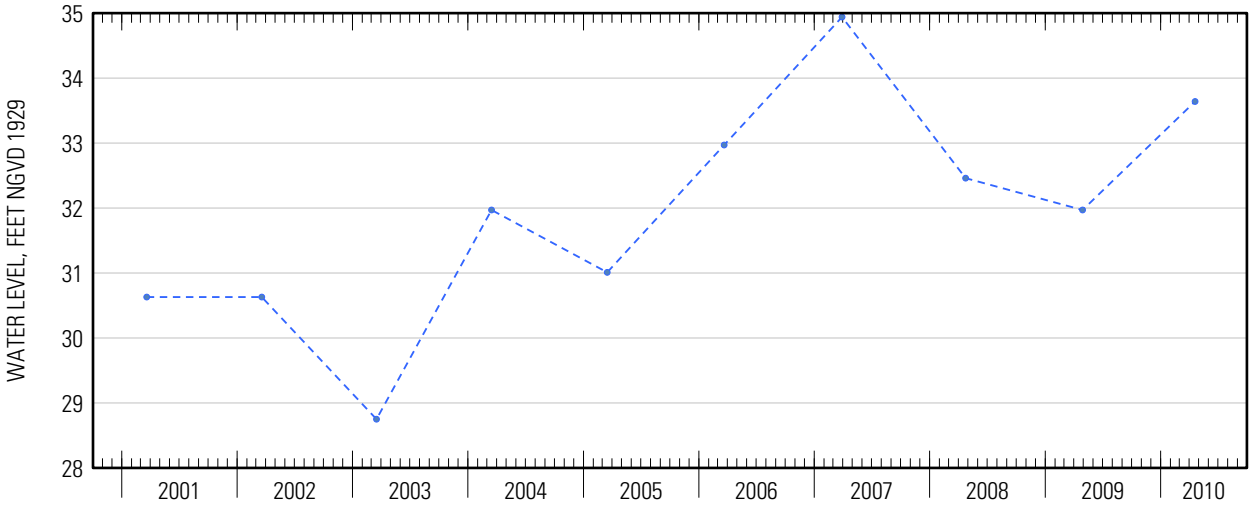
PERIOD OF RECORD.--July 1971 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 33.64 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405646072564301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405646072564301.2010.pdf

Water-Data Report 2010

# 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.

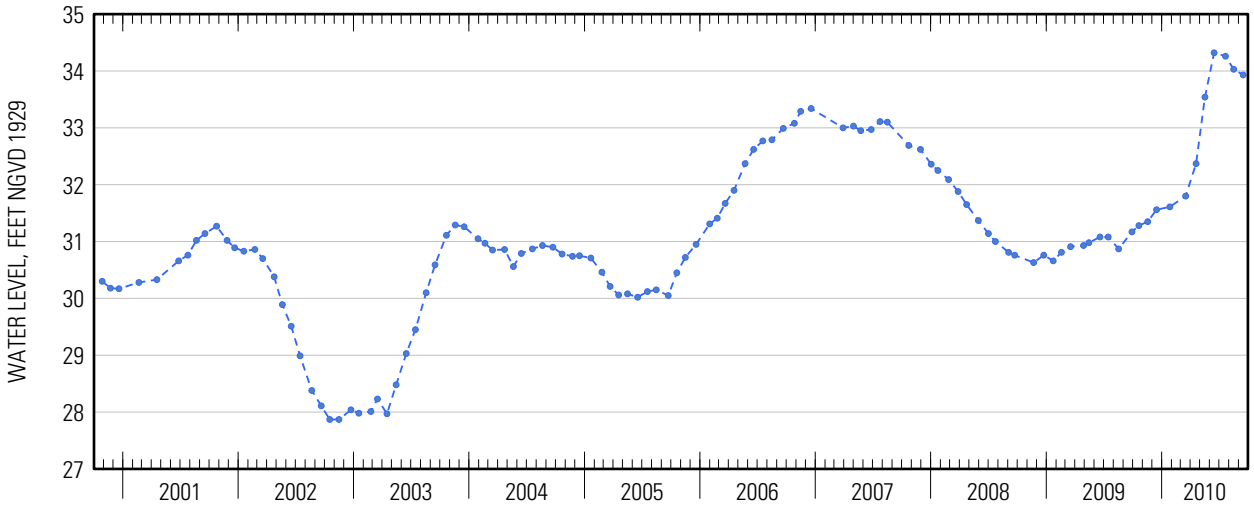
GAGE.--Measurement with chalked tape by United States Geological Survey personnel.

REMARKS.--Replaced well S6411.1 in August 1999 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.32 ft above sea level, June 15, 2010; lowest measured, 27.87 ft above sea level, October 17 and November 15, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 31.28 | May 17 | 33.54 |
| Nov 17 | 31.35 | Jun 15 | 34.32 |
| Dec 15 | 31.56 | Jul 21 | 34.26 |
| Jan 26 | 31.61 | Aug 16 | 34.03 |
| Mar 17 | 31.80 | Sep 15 | 33.93 |
| Apr 19 | 32.37 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405650072542002, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405650072542002.2010.pdf

Water-Data Report 2010

# 405715072193701 Local number S 33921. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°57′15″, long 72°19′37″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Scuttlehole Road, 0.10 miles east of Millstone Road, Bridgehampton.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 174 ft. Upper casing diameter 6 in; top of first opening 159 ft, bottom of last opening 174 ft.

DATUM.--Land-surface datum is 110 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel reducer bushing, 2.42 ft above land-surface datum.

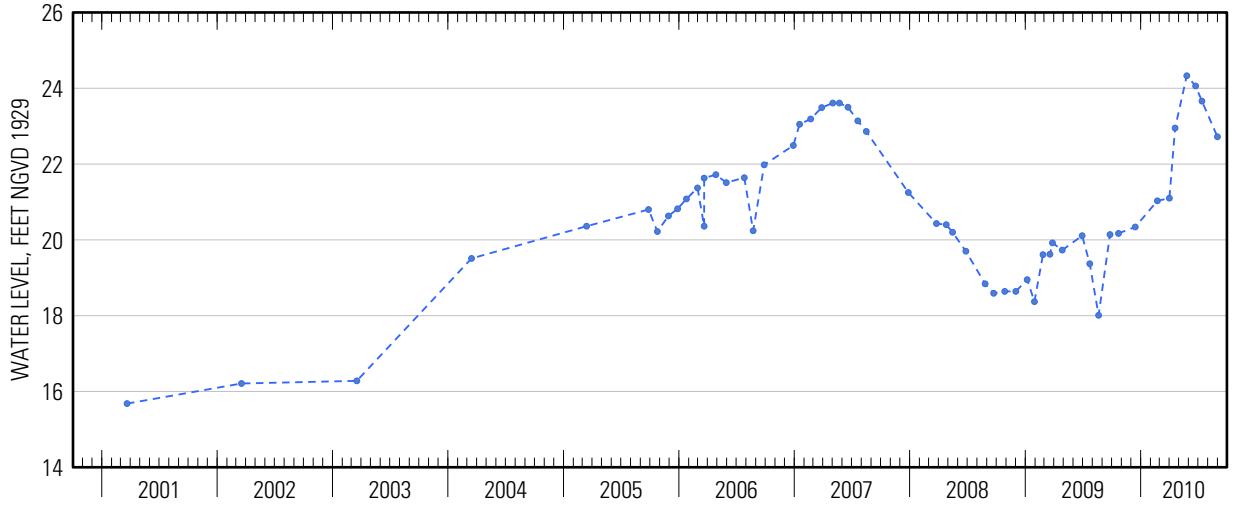
PERIOD OF RECORD.--January 1973 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.33 ft above sea level, May 26, 2010; lowest measured, 15.17 ft above sea level, December 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 22 | 20.17 | May 26 | 24.33 |
| Dec 14 | 20.34 | Jun 23 | 24.06 |
| Feb 22 | 21.03 | Jul 13 | 23.66 |
| Apr 1 | 21.10 | Aug 31 | 22.72 |
| 19 | 22.95 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405715072193701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405715072193701.2010.pdf

Water-Data Report 2010

# 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.

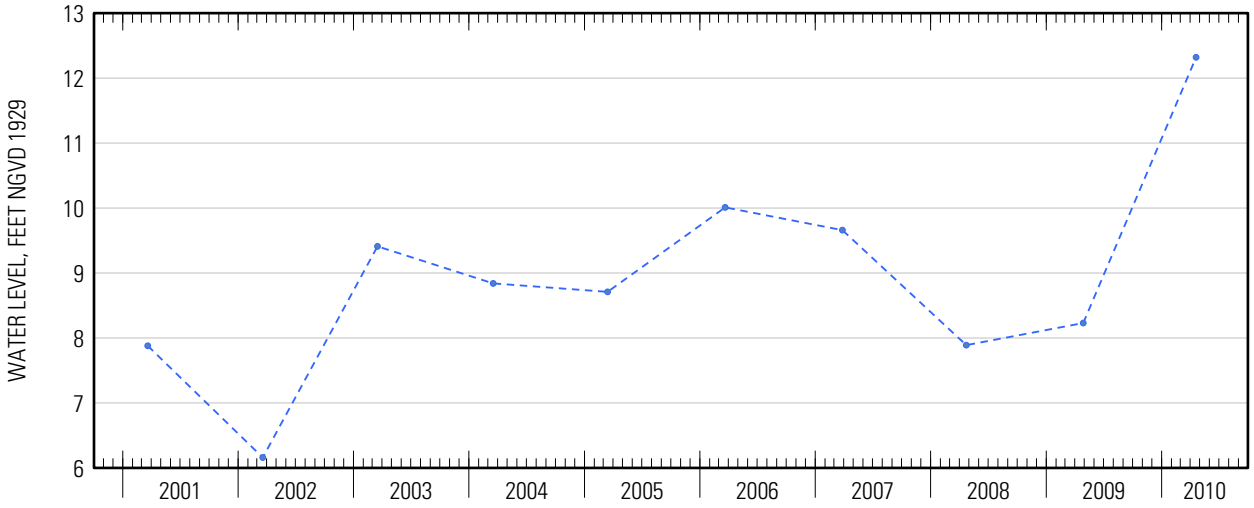
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.32 ft above sea level, April 19, 2010; lowest measured, 5.18 ft above sea level, September 14, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 12.32 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405722072342001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405722072342001.2010.pdf

Water-Data Report 2010

# 405725072362801 Local number S 33073. 1

Northern Atlantic Coastal Plain aquifer system
Magothy Aquifer

Suffolk County, NY

LOCATION.--Lat 40°57'27.8", long 72°36'26.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 460 ft. Upper casing diameter 6 in; top of first opening 440 ft, bottom of last opening 460 ft.

DATUM.--Land-surface datum is 47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 3.04 ft above land-surface datum.

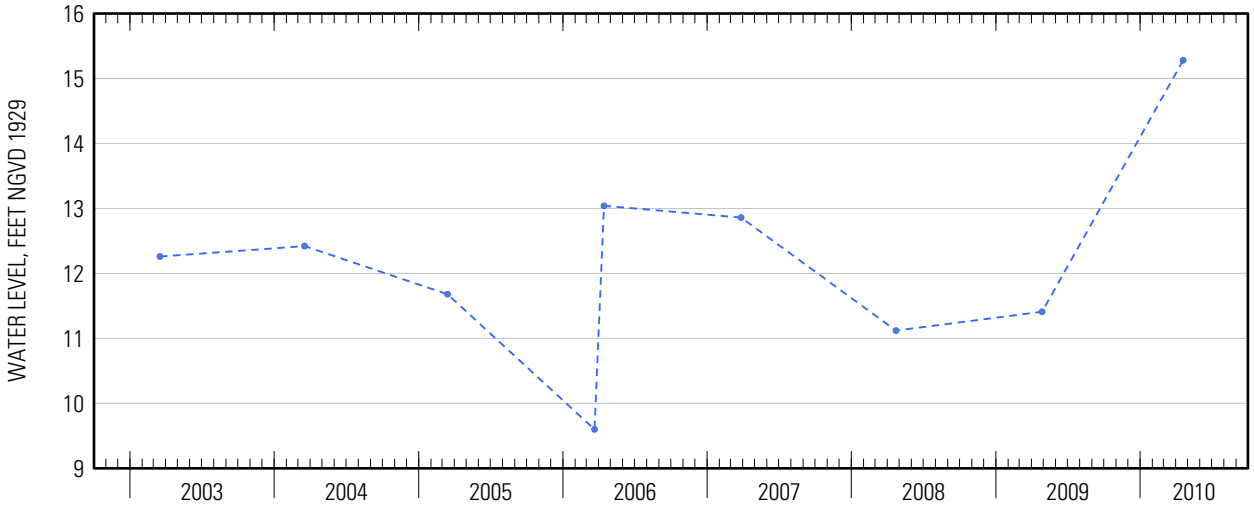
PERIOD OF RECORD.--March 1970 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.28 ft above sea level, April 19, 2010; lowest measured, 9.55 ft above sea level, November 27, 1974.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 15.28 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405725072362801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405725072362801.2010.pdf

Water-Data Report 2010

# 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.

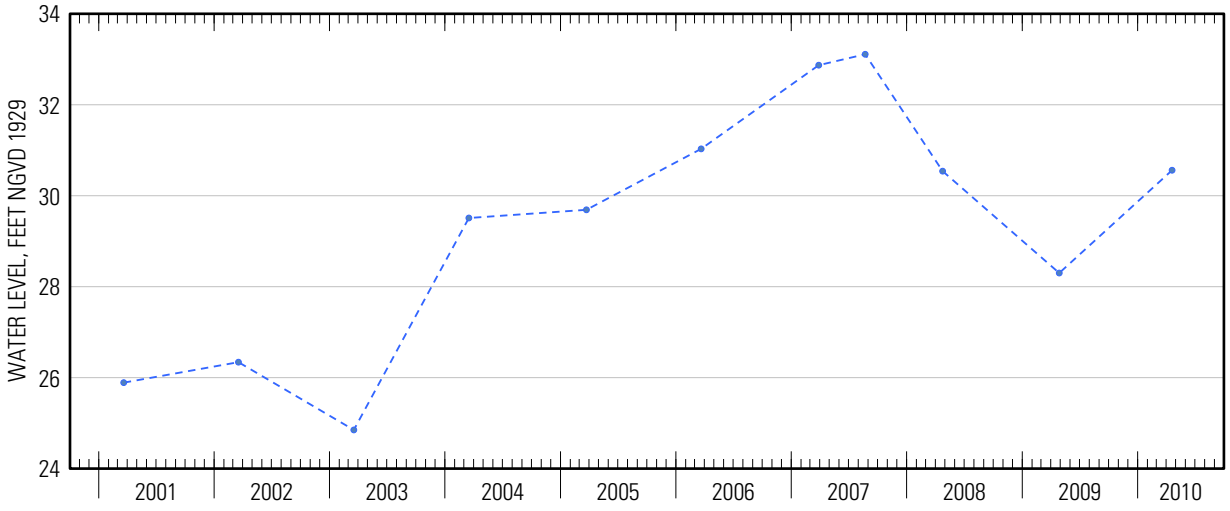
PERIOD OF RECORD.--September 1976 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 30.56 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405737072215801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405737072215801.2010.pdf

Water-Data Report 2010

# 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.

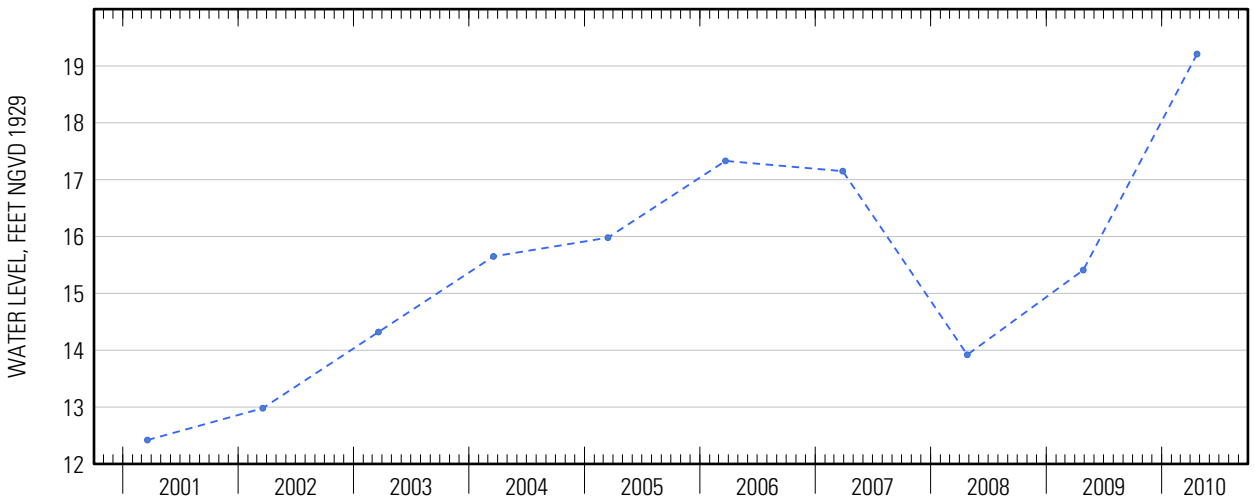
PERIOD OF RECORD.--September 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.21 ft above sea level, April 22, 2010; lowest measured, 12.42 ft above sea level, March 19, 2001.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 19.21 |



Water-Data Report 2010

# 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, 15.43 ft above sea level, June 3, 2010; lowest measured, 8.16 ft above sea level, September 5, 1966.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 15.43 ft above sea level, June 3; lowest recorded, 11.77 ft above sea level, October 1 and 2.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 2 | 12.90 | May 5 | 14.89 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405743072425701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405743072425701.2010.pdf

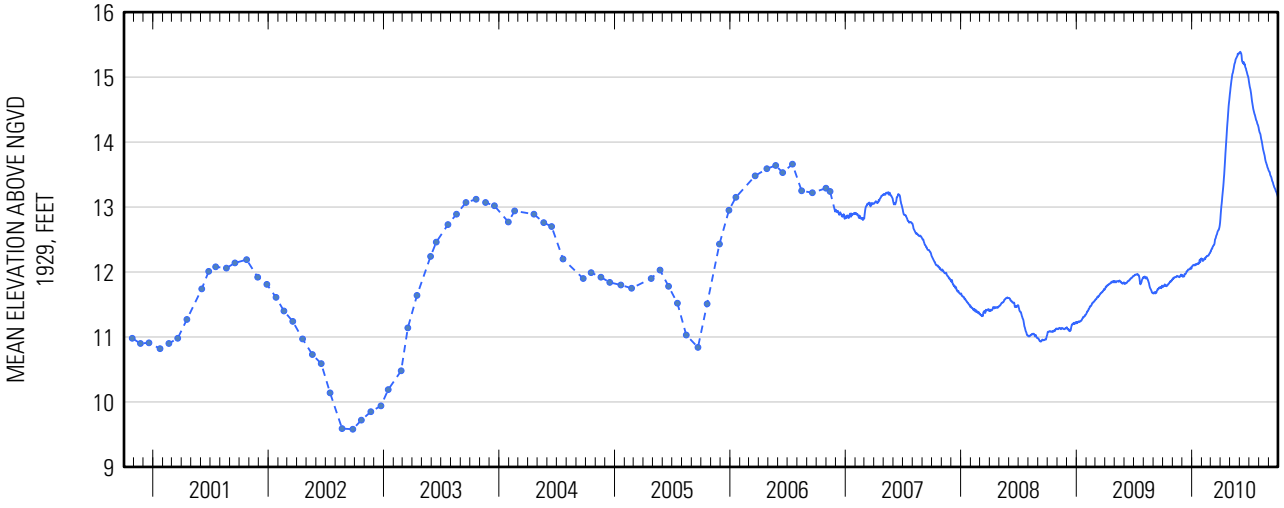
**405743072425701 Local number S 4271. 1—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11.77 | 11.89 | 11.94 | 12.08 | 12.20 | 12.32 | 12.82 | 14.74 | 15.38 | 14.91 | 14.19 | 13.56 |
| 2 | 11.77 | 11.89 | 11.93 | 12.09 | 12.20 | 12.32 | 12.89 | 14.78 | 15.38 | 14.88 | 14.17 | 13.55 |
| 3 | 11.78 | 11.91 | 11.95 | 12.10 | 12.20 | 12.34 | 12.95 | 14.83 | 15.39 | 14.85 | 14.15 | 13.54 |
| 4 | 11.79 | 11.90 | 11.93 | 12.10 | 12.17 | 12.35 | 13.01 | 14.87 | 15.38 | 14.83 | 14.14 | 13.54 |
| 5 | 11.79 | 11.91 | 11.93 | 12.10 | 12.17 | 12.36 | 13.05 | 14.91 | 15.37 | 14.81 | 14.13 | 13.51 |
| 6 | 11.79 | 11.92 | 11.93 | 12.11 | 12.19 | 12.36 | 13.10 | 14.95 | 15.36 | 14.78 | 14.11 | 13.49 |
| 7 | 11.81 | 11.92 | 11.93 | 12.11 | 12.19 | 12.38 | 13.16 | 14.98 | 15.33 | 14.75 | 14.08 | 13.48 |
| 8 | 11.79 | 11.92 | 11.94 | 12.11 | 12.19 | 12.39 | 13.21 | 15.02 | 15.27 | 14.71 | 14.05 | 13.47 |
| 9 | 11.79 | 11.92 | 11.97 | 12.11 | 12.19 | 12.40 | 13.26 | 15.05 | 15.24 | 14.67 | 14.03 | 13.46 |
| 10 | 11.80 | 11.92 | 11.97 | 12.10 | 12.21 | 12.41 | 13.31 | 15.06 | 15.24 | 14.63 | 14.01 | 13.44 |
| 11 | 11.79 | 11.92 | 11.97 | 12.11 | 12.21 | 12.41 | 13.37 | 15.08 | 15.22 | 14.60 | 13.98 | 13.42 |
| 12 | 11.78 | 11.92 | 11.97 | 12.12 | 12.20 | 12.42 | 13.44 | 15.11 | 15.21 | 14.57 | 13.95 | 13.40 |
| 13 | 11.79 | 11.93 | 11.98 | 12.11 | 12.22 | 12.43 | 13.50 | 15.13 | 15.23 | 14.54 | 13.92 | 13.39 |
| 14 | 11.79 | 11.94 | 11.99 | 12.11 | 12.23 | 12.46 | 13.58 | 15.16 | 15.23 | 14.51 | 13.89 | 13.38 |
| 15 | 11.79 | 11.94 | 12.01 | 12.12 | 12.23 | 12.50 | 13.66 | 15.19 | 15.21 | 14.49 | 13.87 | 13.36 |
| 16 | 11.80 | 11.94 | 12.01 | 12.12 | 12.24 | 12.51 | 13.74 | 15.21 | 15.19 | 14.47 | 13.85 | 13.34 |
| 17 | 11.81 | 11.93 | 12.01 | 12.12 | 12.24 | 12.52 | 13.83 | 15.22 | 15.20 | 14.45 | 13.83 | 13.33 |
| 18 | 11.81 | 11.93 | 12.02 | 12.13 | 12.25 | 12.54 | 13.90 | 15.24 | 15.17 | 14.43 | 13.81 | 13.31 |
| 19 | 11.82 | 11.93 | 12.03 | 12.12 | 12.25 | 12.56 | 13.98 | 15.27 | 15.15 | 14.42 | 13.79 | 13.30 |
| 20 | 11.82 | 11.93 | 12.04 | 12.13 | 12.25 | 12.57 | 14.05 | 15.28 | 15.14 | 14.40 | 13.76 | 13.29 |
| 21 | 11.83 | 11.93 | 12.04 | 12.13 | 12.25 | 12.58 | 14.13 | 15.29 | 15.13 | 14.38 | 13.73 | 13.28 |
| 22 | 11.84 | 11.92 | 12.04 | 12.14 | 12.25 | 12.60 | 14.21 | 15.30 | 15.10 | 14.36 | 13.71 | 13.27 |
| 23 | 11.84 | 11.92 | 12.04 | 12.13 | 12.26 | 12.62 | 14.28 | 15.31 | 15.09 | 14.34 | 13.69 | 13.25 |
| 24 | 11.85 | 11.93 | 12.04 | 12.14 | 12.27 | 12.63 | 14.34 | 15.32 | 15.07 | 14.33 | 13.68 | 13.24 |
| 25 | 11.86 | 11.94 | 12.04 | 12.18 | 12.28 | 12.64 | 14.41 | 15.33 | 15.05 | 14.32 | 13.66 | 13.23 |
| 26 | 11.85 | 11.94 | 12.05 | 12.19 | 12.29 | 12.65 | 14.48 | 15.36 | 15.03 | 14.30 | 13.65 | 13.22 |
| 27 | 11.86 | 11.96 | 12.06 | 12.15 | 12.29 | 12.65 | 14.55 | 15.36 | 15.02 | 14.28 | 13.63 | 13.20 |
| 28 | 11.87 | 11.96 | 12.07 | 12.17 | 12.30 | 12.67 | 14.60 | 15.35 | 15.00 | 14.27 | 13.61 | 13.19 |
| 29 | 11.87 | 11.94 | 12.07 | 12.20 | --- | 12.69 | 14.64 | 15.36 | 14.98 | 14.26 | 13.60 | 13.17 |
| 30 | 11.87 | 11.95 | 12.05 | 12.20 | --- | 12.72 | 14.69 | 15.37 | 14.94 | 14.24 | 13.59 | 13.16 |
| 31 | 11.89 | --- | 12.07 | 12.21 | --- | 12.76 | --- | 15.37 | --- | 14.22 | 13.57 | --- |
| Mean | 11.82 | 11.93 | 12.00 | 12.13 | 12.23 | 12.51 | 13.74 | 15.15 | 15.19 | 14.52 | 13.87 | 13.36 |
| Max | 11.89 | 11.96 | 12.07 | 12.21 | 12.30 | 12.76 | 14.69 | 15.37 | 15.39 | 14.91 | 14.19 | 13.56 |
| Min | 11.77 | 11.89 | 11.93 | 12.08 | 12.17 | 12.32 | 12.82 | 14.74 | 14.94 | 14.22 | 13.57 | 13.16 |
| Med | 11.81 | 11.93 | 12.01 | 12.12 | 12.23 | 12.51 | 13.70 | 15.21 | 15.20 | 14.47 | 13.85 | 13.35 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 11.76 | 13.21 |
| Max | 12.07 | 15.39 |
| Min | 11.21 | 11.77 |
| Med | 11.83 | 12.82 |

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



Water-Data Report 2010

# 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.

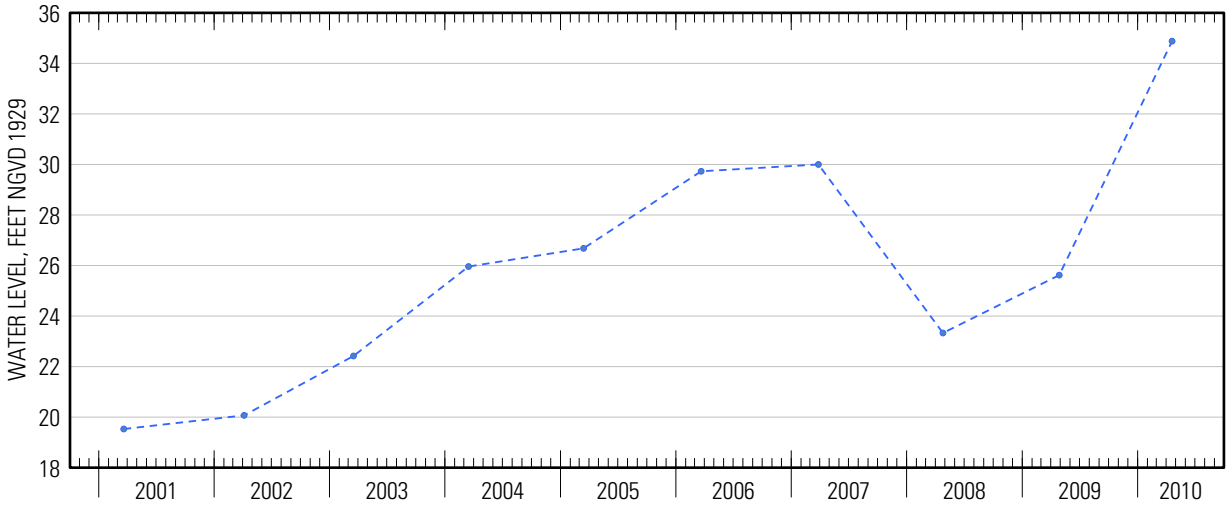
PERIOD OF RECORD.--November 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.88 ft above sea level, April 19, 2010; lowest measured, 18.19 ft above sea level, December 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 34.88 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405746072175901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405746072175901.2010.pdf

Water-Data Report 2010

# 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.

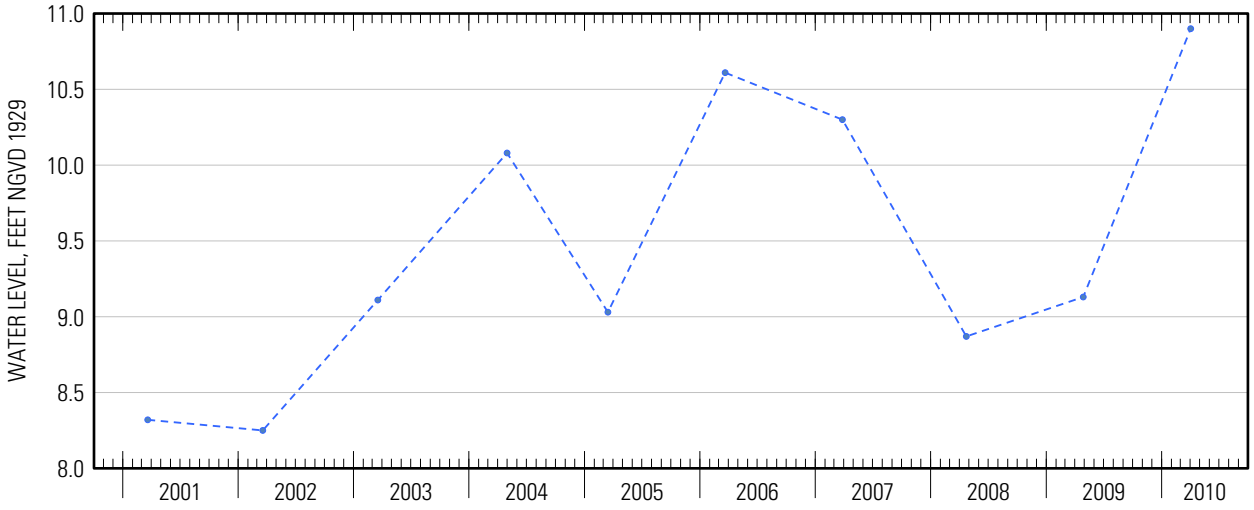
PERIOD OF RECORD.--August 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.90 ft above sea level, April 2, 2010; lowest measured, 7.19 ft above sea level, September 20, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 2 | 10.90 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405805072403701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405805072403701.2010.pdf

Water-Data Report 2010

# 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.

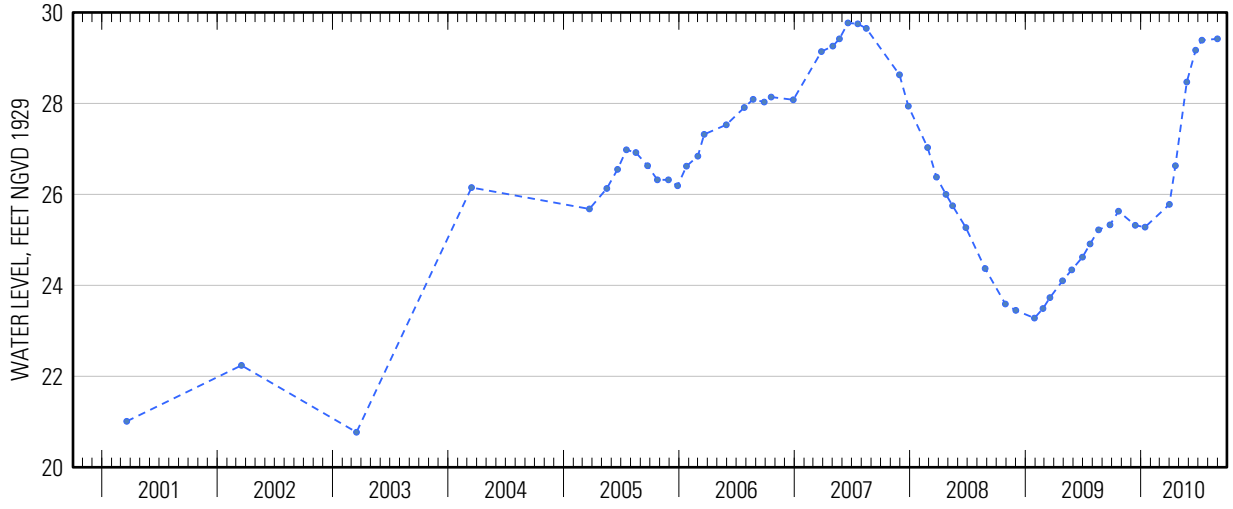
PERIOD OF RECORD.--October 1976 to current year.

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 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 22 | 25.63 | May 26 | 28.47 |
| Dec 14 | 25.32 | Jun 23 | 29.17 |
| Jan 14 | 25.28 | Jul 13 | 29.39 |
| Apr 1 | 25.78 | Aug 31 | 29.42 |
| 20 | 26.63 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405827072190501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405827072190501.2010.pdf

Water-Data Report 2010

# 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.

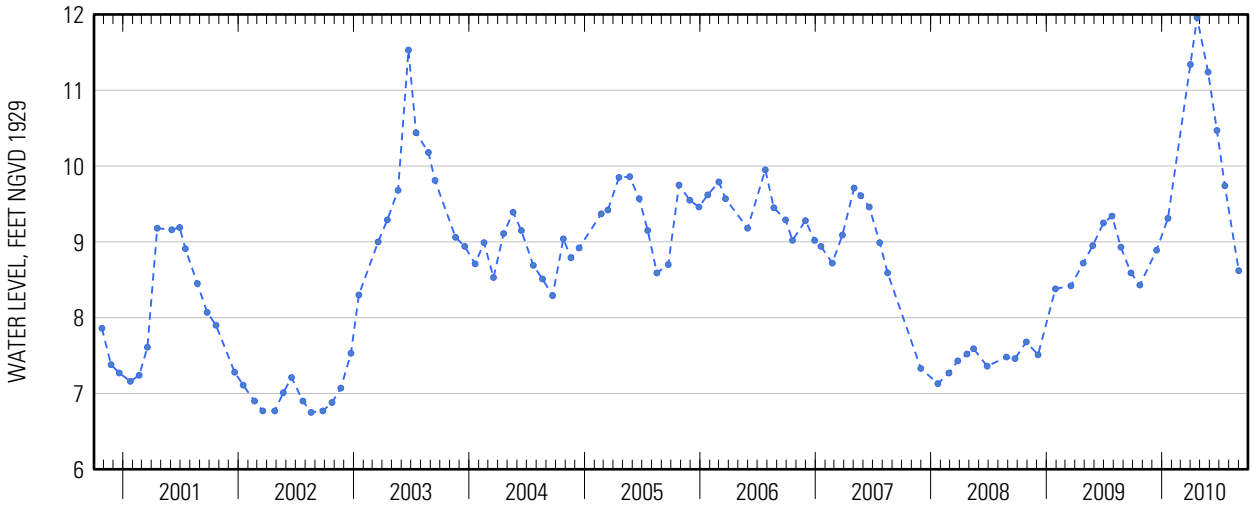
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Replaced well S8839.1 in August 1999 near same location.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.96 ft above sea level, April 22, 2010; lowest measured, 6.75 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 8.43 | May 27 | 11.24 |
| Dec 15 | 8.89 | Jun 24 | 10.47 |
| Jan 20 | 9.31 | Jul 19 | 9.74 |
| Apr 1 | 11.34 | Sep 1 | 8.62 |
| 22 | 11.96 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405829072084302, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405829072084302.2010.pdf

Water-Data Report 2010

# 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 June 2000 near same location. Telephone water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.29 ft above sea level, April 6 and 7, 2010; lowest recorded, 1.13 ft above sea level, October 6 and 7, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level recorded, 9.29 ft above sea level, April 6 and 7; lowest recorded, 5.03 ft above sea level, September 25, 26, and 27.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 19 | 8.97 | May 5 | 8.55 |



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405830072331502, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405830072331502.2010.pdf

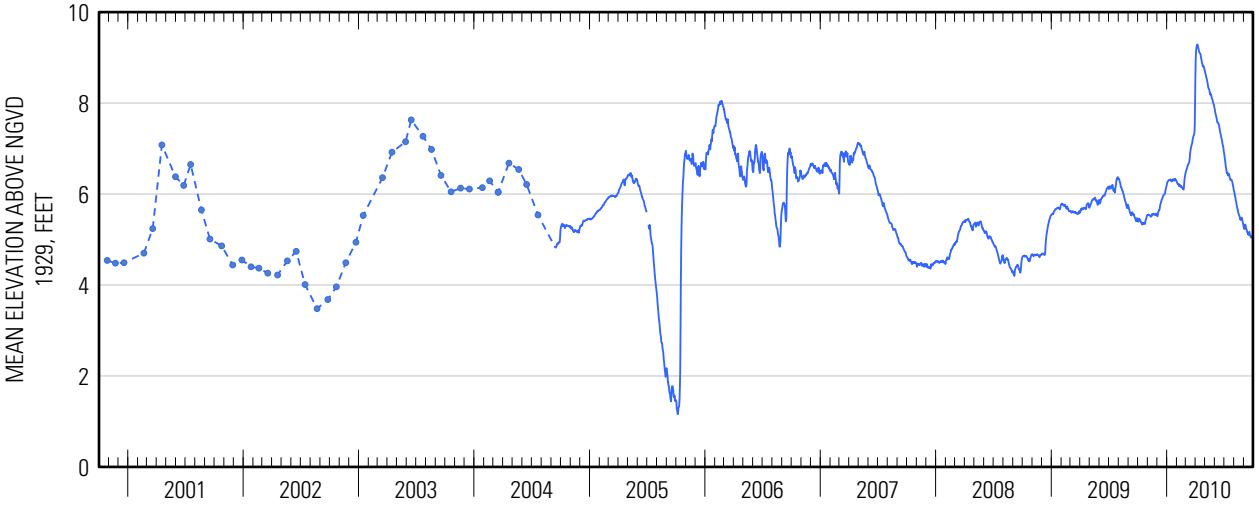
**405830072331502 Local number S 6558. 2—Continued**

**ELEVATION ABOVE NGVD 1929, FEET**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.42 | 5.54 | 5.52 | 6.22 | 6.27 | 6.47 | 8.61 | 8.70 | 7.88 | 6.89 | 6.07 | 5.27 |
| 2 | 5.39 | 5.54 | 5.51 | 6.25 | 6.25 | 6.49 | 8.96 | 8.67 | 7.83 | 6.84 | 6.05 | 5.24 |
| 3 | 5.41 | 5.55 | 5.55 | 6.27 | 6.24 | 6.52 | 9.13 | 8.64 | 7.79 | 6.79 | 6.01 | 5.23 |
| 4 | 5.45 | 5.54 | 5.59 | 6.28 | 6.22 | 6.54 | 9.21 | 8.62 | 7.76 | 6.74 | 5.96 | 5.32 |
| 5 | 5.46 | 5.54 | 5.61 | 6.29 | 6.21 | 6.56 | 9.25 | 8.58 | 7.73 | 6.68 | 5.94 | 5.33 |
| 6 | 5.44 | 5.54 | 5.63 | 6.30 | 6.22 | 6.58 | 9.28 | 8.56 | 7.70 | 6.61 | 5.90 | 5.32 |
| 7 | 5.44 | 5.53 | 5.65 | 6.31 | 6.21 | 6.61 | 9.29 | 8.52 | 7.67 | 6.57 | 5.85 | 5.31 |
| 8 | 5.41 | 5.53 | 5.65 | 6.31 | 6.19 | 6.63 | 9.28 | 8.50 | 7.63 | 6.52 | 5.83 | 5.24 |
| 9 | 5.40 | 5.52 | 5.68 | 6.31 | 6.17 | 6.65 | 9.26 | 8.46 | 7.58 | 6.48 | 5.78 | 5.23 |
| 10 | 5.40 | 5.52 | 5.73 | 6.31 | 6.21 | 6.66 | 9.21 | 8.42 | 7.58 | 6.46 | 5.75 | 5.22 |
| 11 | 5.38 | 5.50 | 5.77 | 6.32 | 6.19 | 6.68 | 9.19 | 8.37 | 7.57 | 6.47 | 5.71 | 5.19 |
| 12 | 5.37 | 5.51 | 5.79 | 6.32 | 6.17 | 6.69 | 9.15 | 8.34 | 7.57 | 6.44 | 5.67 | 5.16 |
| 13 | 5.37 | 5.51 | 5.81 | 6.31 | 6.18 | 6.72 | 9.12 | 8.32 | 7.55 | 6.41 | 5.66 | 5.16 |
| 14 | 5.33 | 5.54 | 5.84 | 6.29 | 6.17 | 6.79 | 9.11 | 8.31 | 7.53 | 6.44 | 5.62 | 5.13 |
| 15 | 5.33 | 5.56 | 5.87 | 6.30 | 6.15 | 6.87 | 9.10 | 8.29 | 7.50 | 6.45 | 5.58 | 5.12 |
| 16 | 5.35 | 5.56 | 5.89 | 6.28 | 6.17 | 6.93 | 9.09 | 8.25 | 7.46 | 6.44 | 5.56 | 5.10 |
| 17 | 5.34 | 5.55 | 5.90 | 6.28 | 6.15 | 6.98 | 9.08 | 8.21 | 7.42 | 6.41 | 5.54 | 5.14 |
| 18 | 5.35 | 5.55 | 5.92 | 6.31 | 6.14 | 7.02 | 9.04 | 8.19 | 7.37 | 6.38 | 5.52 | 5.16 |
| 19 | 5.37 | 5.55 | 5.94 | 6.32 | 6.13 | 7.05 | 8.99 | 8.21 | 7.34 | 6.35 | 5.51 | 5.17 |
| 20 | 5.37 | 5.57 | 5.96 | 6.32 | 6.11 | 7.08 | 8.96 | 8.18 | 7.32 | 6.33 | 5.47 | 5.12 |
| 21 | 5.36 | 5.56 | 5.97 | 6.31 | 6.11 | 7.10 | 8.92 | 8.16 | 7.27 | 6.31 | 5.44 | 5.09 |
| 22 | 5.36 | 5.55 | 5.98 | 6.32 | 6.10 | 7.13 | 8.88 | 8.14 | 7.24 | 6.31 | 5.43 | 5.07 |
| 23 | 5.34 | 5.54 | 5.99 | 6.29 | 6.10 | 7.18 | 8.86 | 8.11 | 7.21 | 6.31 | 5.46 | 5.06 |
| 24 | 5.36 | 5.54 | 6.00 | 6.30 | 6.18 | 7.22 | 8.82 | 8.09 | 7.19 | 6.32 | 5.47 | 5.06 |
| 25 | 5.41 | 5.54 | 6.00 | 6.33 | 6.28 | 7.25 | 8.80 | 8.07 | 7.14 | 6.30 | 5.48 | 5.04 |
| 26 | 5.44 | 5.54 | 6.02 | 6.33 | 6.35 | 7.28 | 8.82 | 8.05 | 7.09 | 6.28 | 5.48 | 5.04 |
| 27 | 5.45 | 5.57 | 6.06 | 6.32 | 6.39 | 7.29 | 8.81 | 8.01 | 7.07 | 6.26 | 5.44 | 5.05 |
| 28 | 5.47 | 5.56 | 6.11 | 6.33 | 6.43 | 7.31 | 8.79 | 7.98 | 7.04 | 6.22 | 5.40 | 5.09 |
| 29 | 5.51 | 5.54 | 6.14 | 6.31 | --- | 7.35 | 8.76 | 7.97 | 6.99 | 6.19 | 5.38 | 5.11 |
| 30 | 5.53 | 5.54 | 6.16 | 6.30 | --- | 7.52 | 8.73 | 7.95 | 6.93 | 6.15 | 5.34 | 5.13 |
| 31 | 5.54 | --- | 6.19 | 6.29 | --- | 8.06 | --- | 7.90 | --- | 6.11 | 5.31 | --- |
| Mean | 5.40 | 5.54 | 5.85 | 6.30 | 6.20 | 6.94 | 9.02 | 8.28 | 7.43 | 6.43 | 5.63 | 5.16 |
| Max | 5.54 | 5.57 | 6.19 | 6.33 | 6.43 | 8.06 | 9.29 | 8.70 | 7.88 | 6.89 | 6.07 | 5.33 |
| Min | 5.33 | 5.50 | 5.51 | 6.22 | 6.10 | 6.47 | 8.61 | 7.90 | 6.93 | 6.11 | 5.31 | 5.04 |
| Med | 5.40 | 5.54 | 5.89 | 6.31 | 6.19 | 6.93 | 9.06 | 8.25 | 7.48 | 6.41 | 5.56 | 5.15 |

| | Calendar Year 2009 | Water Year 2010 |
|---|---|---|
| Mean | 5.75 | 6.52 |
| Max | 6.37 | 9.29 |
| Min | 5.33 | 5.04 |
| Med | 5.70 | 6.26 |

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



Water-Data Report 2010

# 405843072352902 Local number S 16756. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 40°58'44.1", long 72°35'28.4" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 62 ft. Upper casing diameter 2 in; top of first opening 59 ft, bottom of last opening 62 ft.

DATUM.--Land-surface datum is 61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.23 ft below land-surface datum.

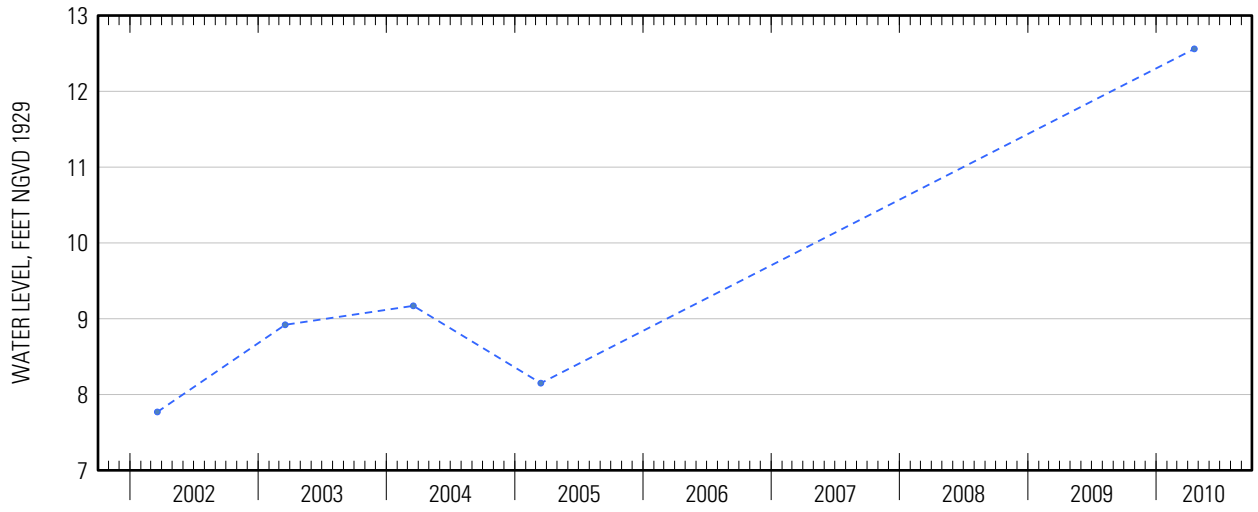
PERIOD OF RECORD.--December 1975 to March 2005 and April 2010.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.56 ft above sea level, April 19, 2010; lowest measured, 4.95 ft above sea level, September 15, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 12.56 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405843072352902, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405843072352902.2010.pdf

Water-Data Report 2010

# 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.

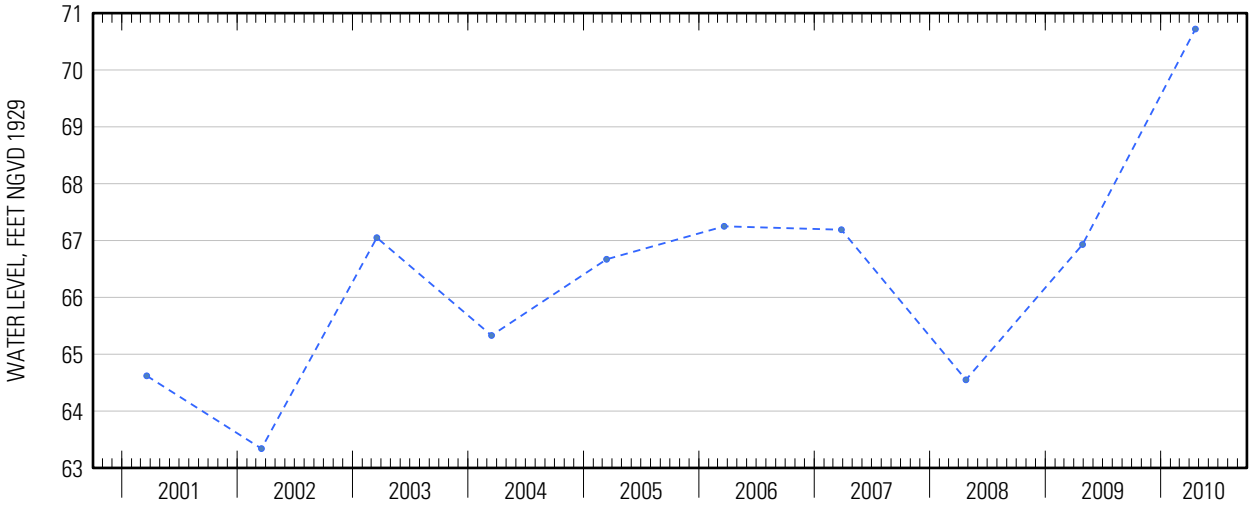
PERIOD OF RECORD.--September 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 70.72 ft above sea level, April 20, 2010; lowest measured, 63.34 ft above sea level, January 23, 1995.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 70.72 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405844072191701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405844072191701.2010.pdf

Water-Data Report 2010

# 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.

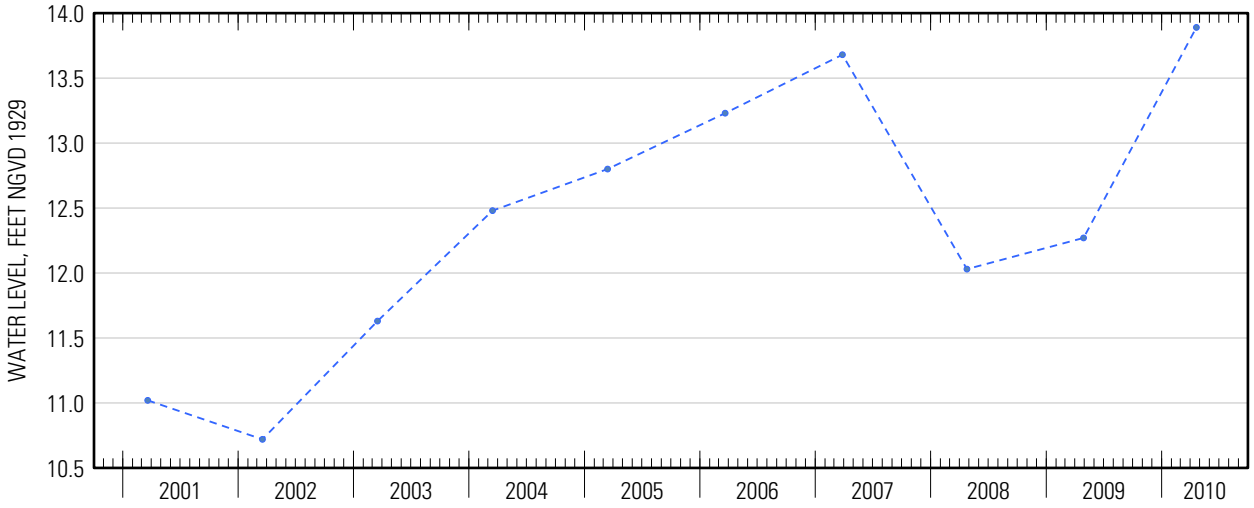
PERIOD OF RECORD.--January 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.89 ft above sea level, April 20, 2010; lowest measured, 10.72 ft above sea level, March 18, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 13.89 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405844072191702, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405844072191702.2010.pdf

Water-Data Report 2010

# 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.

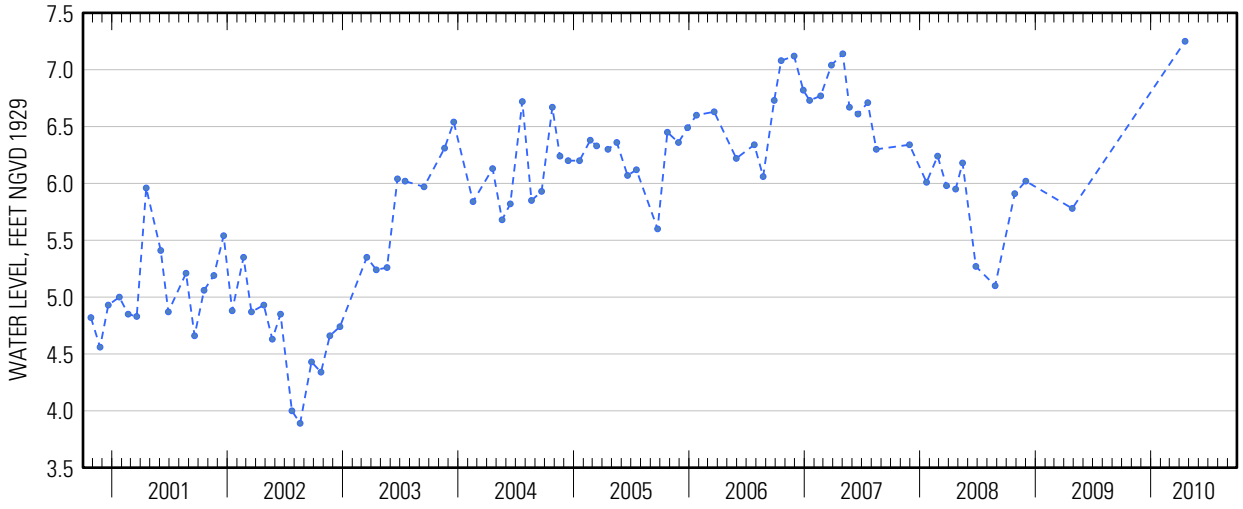
PERIOD OF RECORD.--April 1984 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.25 ft above sea level, April 19, 2010; lowest measured, 3.89 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 7.25 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405858072213601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405858072213601.2010.pdf

Water-Data Report 2010

# 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.

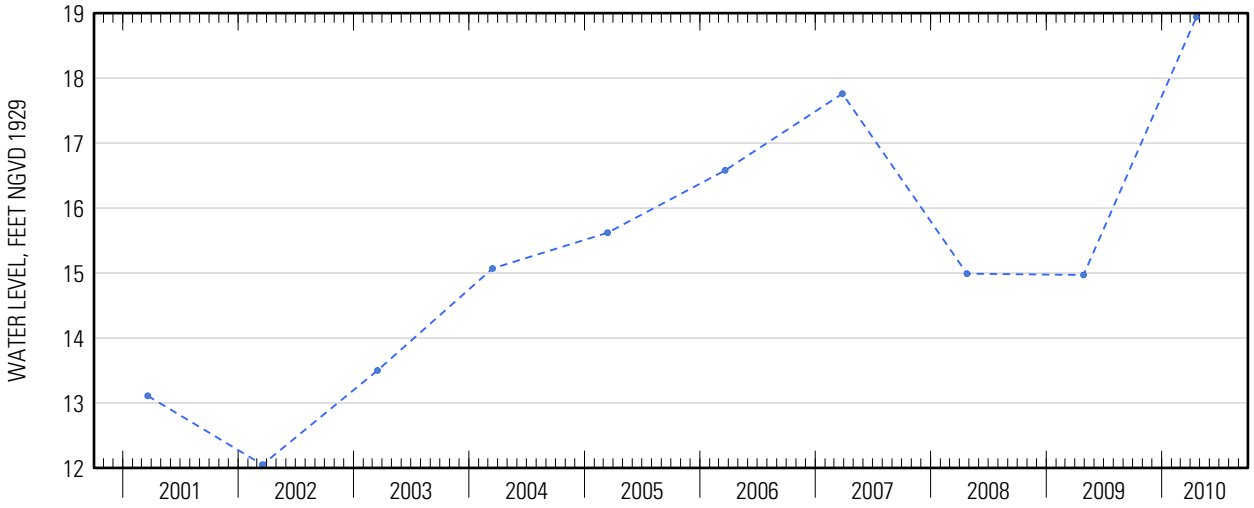
PERIOD OF RECORD.--November 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.94 ft above sea level, April 20, 2010; lowest measured, 12.05 ft above sea level, March 18, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 18.94 |



Water-Data Report 2010

# 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 undefined, bottom of last opening undefined. Screen assumed at bottom.

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.

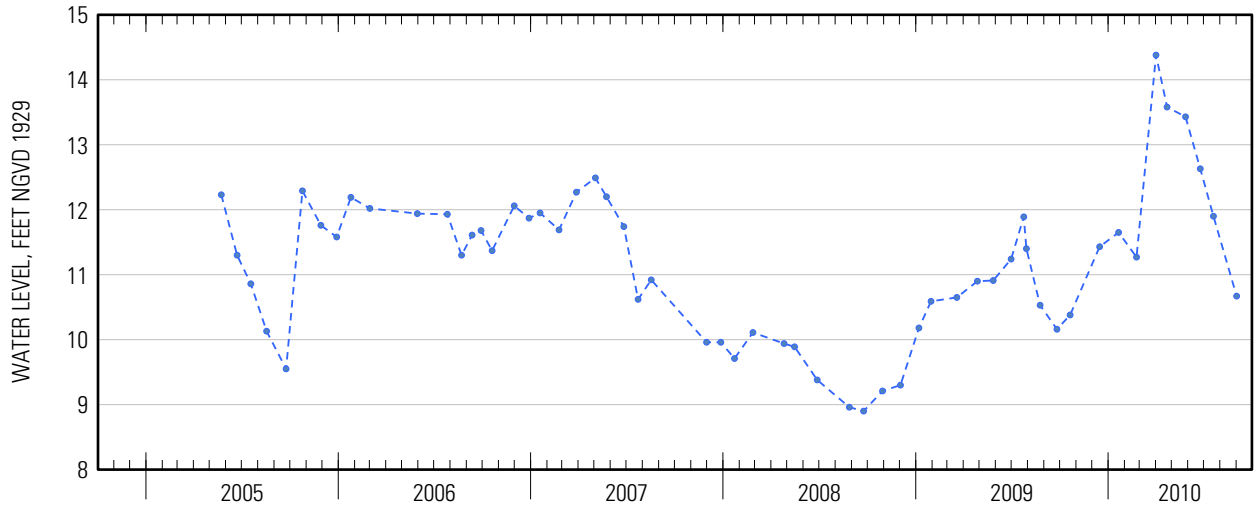
PERIOD OF RECORD.--November 1972 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.38 ft above sea level, April 1, 2010; lowest measured, 8.09 ft above sea level, September 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 10.38 | Apr 22 | 13.58 |
| Dec 15 | 11.43 | May 27 | 13.43 |
| Jan 20 | 11.65 | Jun 24 | 12.63 |
| Feb 23 | 11.27 | Jul 19 | 11.90 |
| Apr 1 | 14.38 | Sep 1 | 10.67 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405906072153501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405906072153501.2010.pdf

Water-Data Report 2010

# 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.

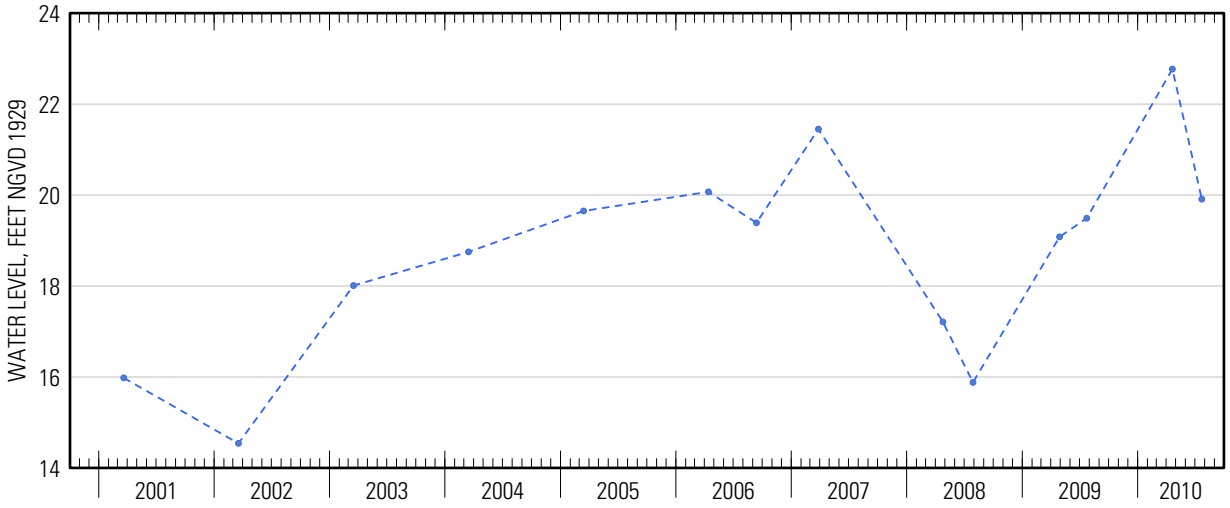
PERIOD OF RECORD.--September 1994 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.77 ft above sea level, April 20, 2010; lowest measured, 14.54 ft above sea level, March 18, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Apr 20 | 22.77 | Jul 22 | 19.91 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405914072190802, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405914072190802.2010.pdf

Water-Data Report 2010

# 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.

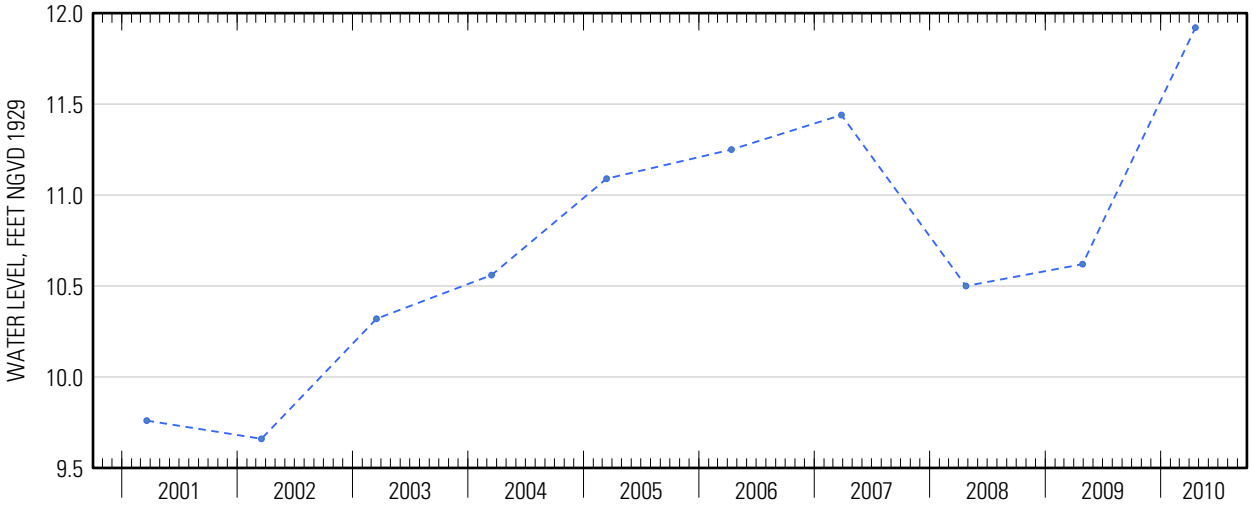
PERIOD OF RECORD.--January 1995 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.92 ft above sea level, April 20, 2010; lowest measured, 9.66 ft above sea level, March 18, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 11.92 |



Water-Data Report 2010

# 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.

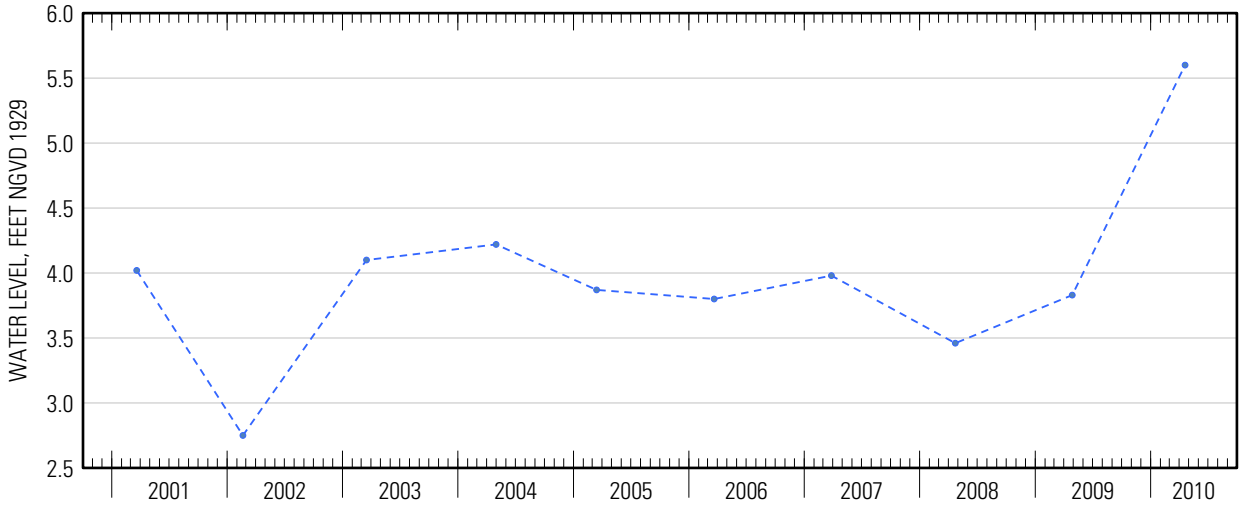
PERIOD OF RECORD.--March 1983 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.60 ft above sea level, April 19, 2010; lowest measured, 1.87 ft above sea level, September 24, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 5.60 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405924072321501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405924072321501.2010.pdf

Water-Data Report 2010

# 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.

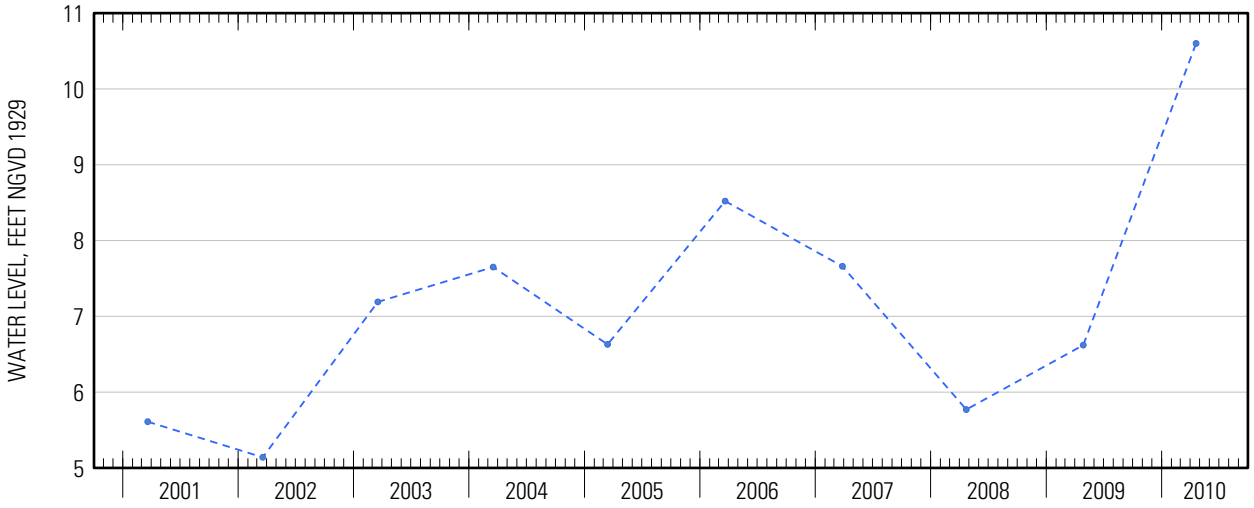
PERIOD OF RECORD.--March 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.60 ft above sea level, April 19, 2010; lowest measured, 4.00 ft above sea level, September 28, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 10.60 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405924072342301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405924072342301.2010.pdf

Water-Data Report 2010

# 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.

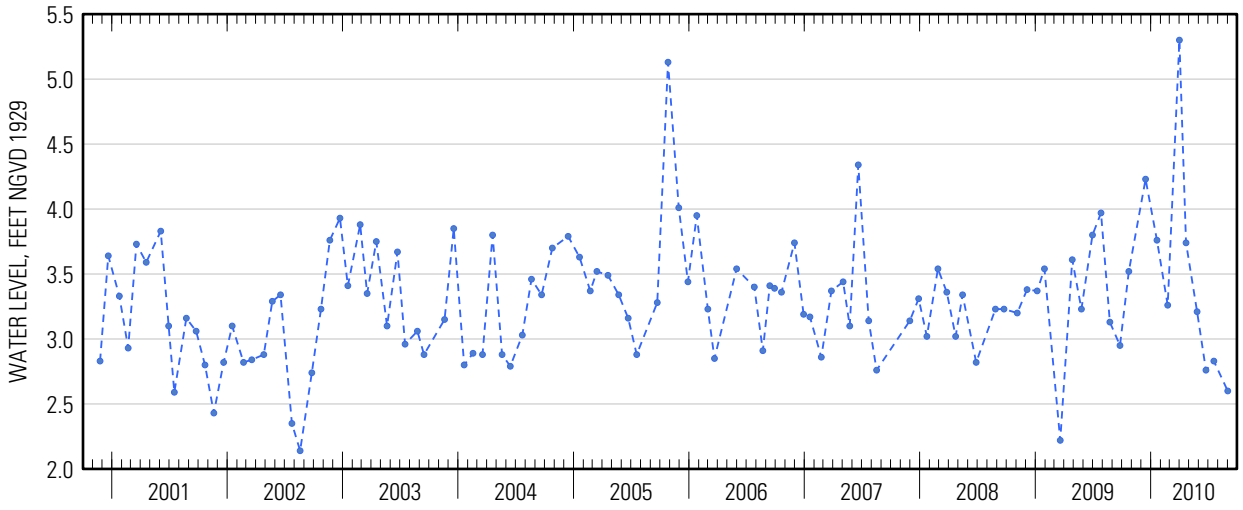
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.30 ft above sea level, April 1, 2010; lowest measured, 2.14 ft above sea level, August 19, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 3.52 | Apr 22 | 3.74 |
| Dec 15 | 4.23 | May 27 | 3.21 |
| Jan 20 | 3.76 | Jun 24 | 2.76 |
| Feb 23 | 3.26 | Jul 19 | 2.83 |
| Apr 1 | 5.30 | Sep 1 | 2.60 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405927072041901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405927072041901.2010.pdf

Water-Data Report 2010

# 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.

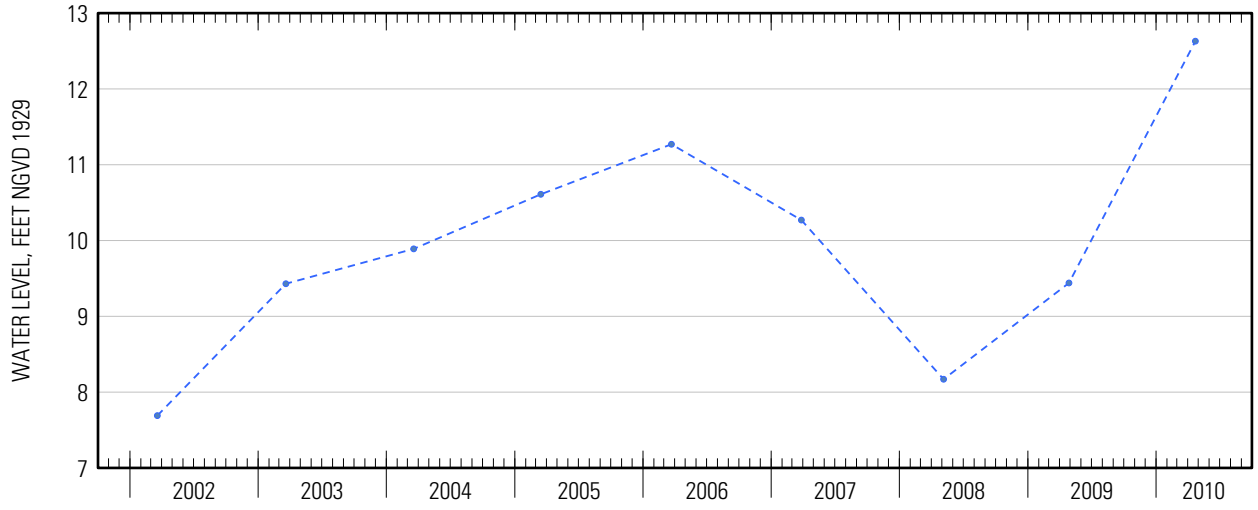
PERIOD OF RECORD.--October 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.63 ft above sea level, April 22, 2010; lowest measured, 6.75 ft above sea level, December 18, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 12.63 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405933072093401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405933072093401.2010.pdf

Water-Data Report 2010

# 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.

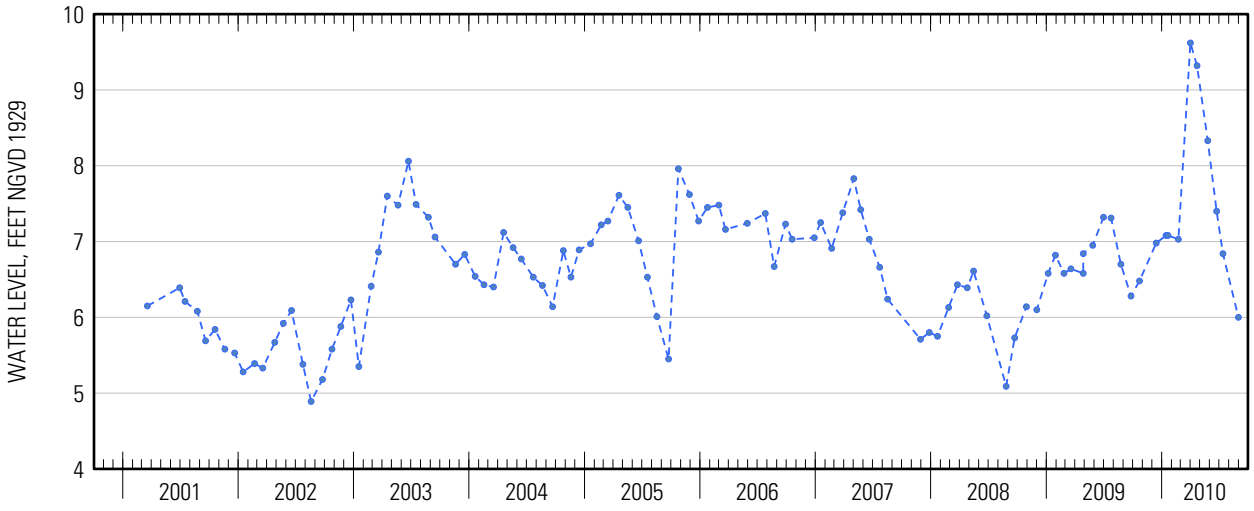
PERIOD OF RECORD.--August 1950 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.62 ft above sea level, April 1, 2010; lowest measured, 4.43 ft above sea level, December 26, 1950.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 22 | 6.48 | Apr 22 | 9.32 |
| Dec 14 | 6.98 | May 26 | 8.33 |
| Jan 14 | 7.08 | Jun 23 | 7.40 |
| 20 | 7.08 | Jul 13 | 6.84 |
| Feb 22 | 7.03 | Aug 31 | 6.00 |
| Apr 1 | 9.62 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405948072172101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405948072172101.2010.pdf

Water-Data Report 2010

# 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.

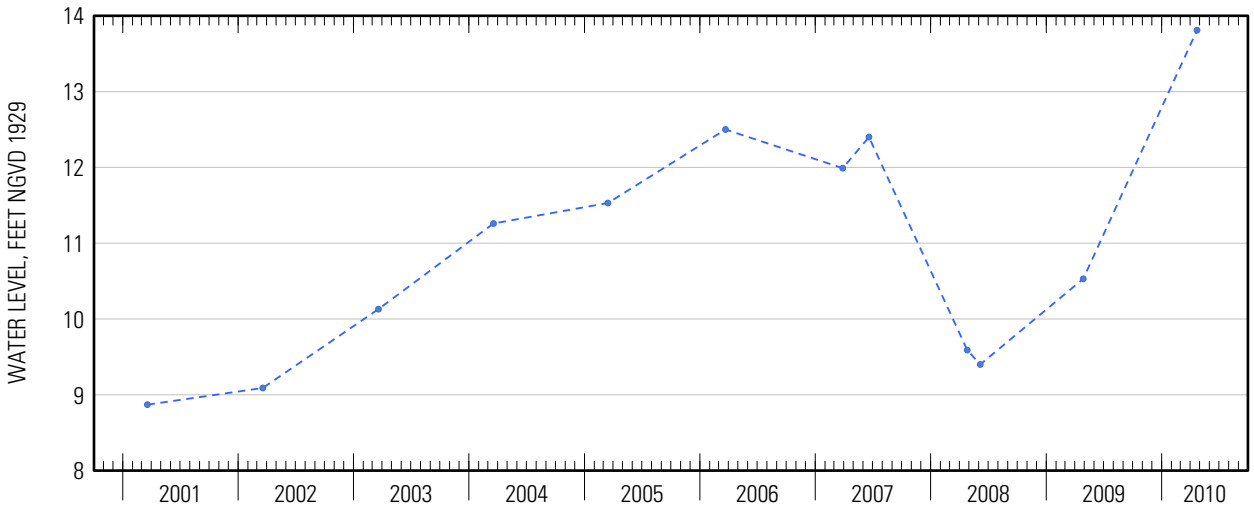
PERIOD OF RECORD.--October 1976 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.81 ft above sea level, April 22, 2010; lowest measured, 7.79 ft above sea level, December 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 13.81 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 405950072124501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/405950072124501.2010.pdf

Water-Data Report 2010

# 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.

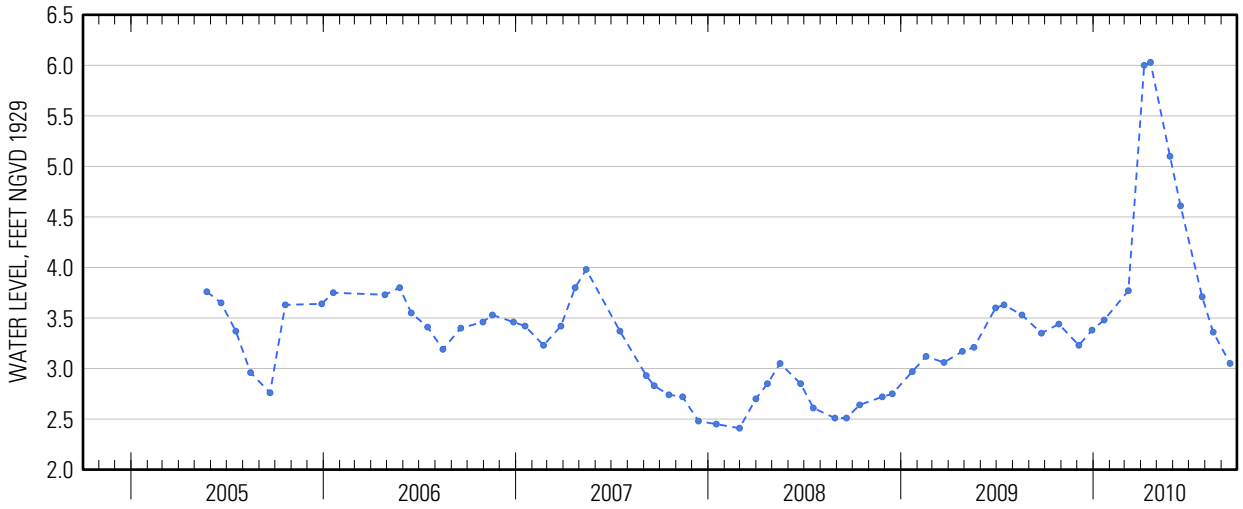
PERIOD OF RECORD.--March 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.03 ft above sea level, April 19, 2010; lowest measured, 2.08 ft above sea level, December 14, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 3.44 | Apr 19 | 6.03 |
| Dec 4 | 3.23 | May 26 | 5.10 |
| 29 | 3.38 | Jun 15 | 4.61 |
| Jan 21 | 3.48 | Jul 26 | 3.71 |
| Mar 8 | 3.77 | Aug 16 | 3.36 |
| Apr 7 | 6.00 | Sep 17 | 3.05 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410007072331901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410007072331901.2010.pdf

Water-Data Report 2010

# 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.

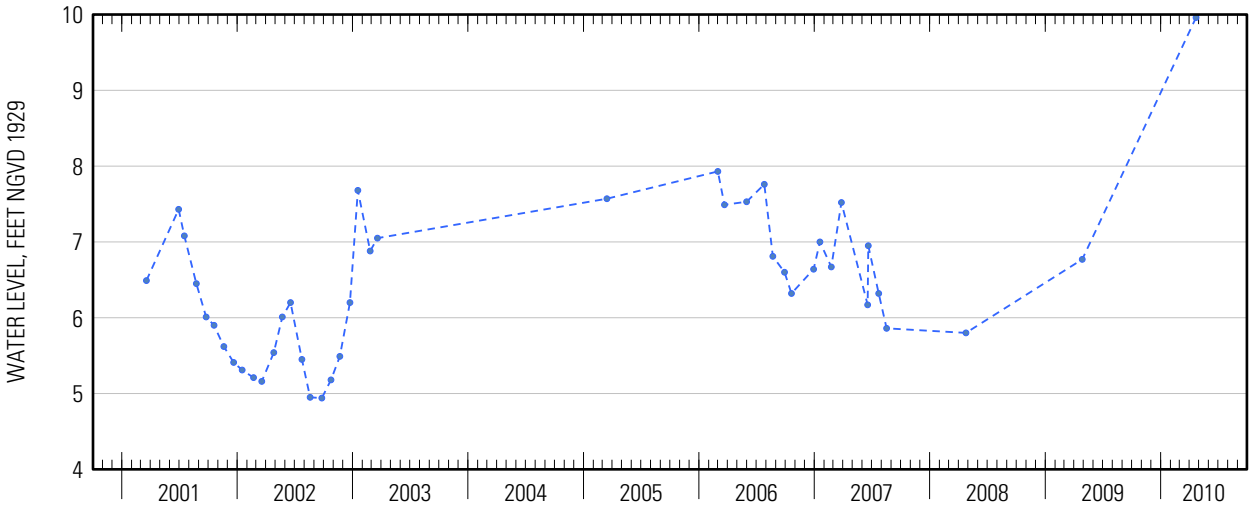
PERIOD OF RECORD.--April 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.96 ft above sea level, April 22, 2010; lowest measured, 4.91 ft above sea level, September 18, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 9.96 |



Water-Data Report 2010

# 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.

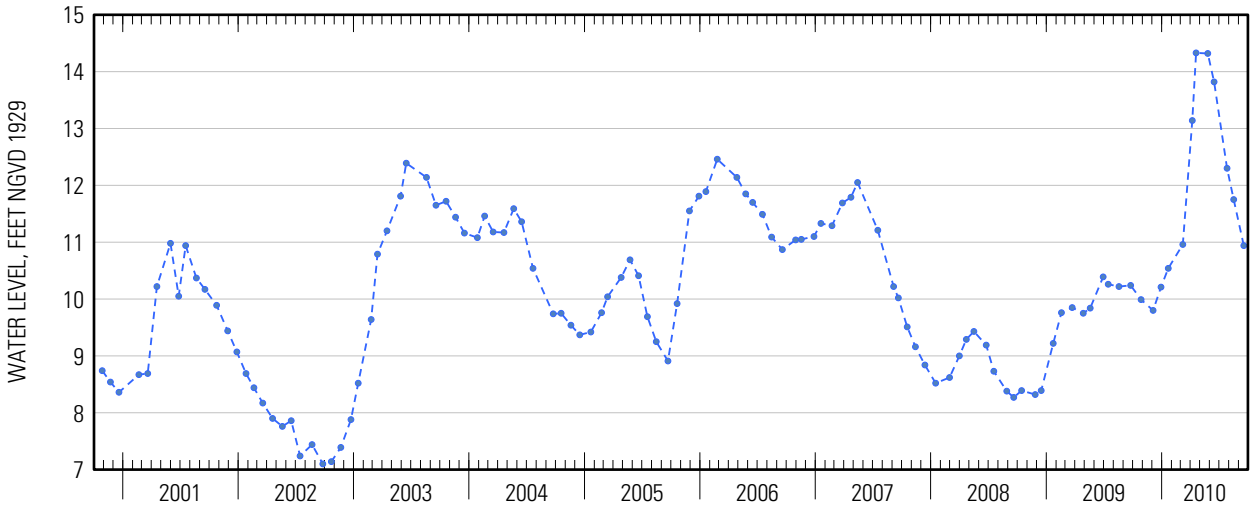
PERIOD OF RECORD.--September 1988 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.33 ft above sea level, April 19, 2010; lowest measured, 5.77 ft above sea level, October 31 and November 4, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 9.99 | Apr 19 | 14.33 |
| Dec 4 | 9.80 | May 26 | 14.32 |
| 29 | 10.21 | Jun 15 | 13.82 |
| Jan 21 | 10.54 | Jul 26 | 12.30 |
| Mar 8 | 10.96 | Aug 16 | 11.75 |
| Apr 7 | 13.14 | Sep 17 | 10.94 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410038072284202, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410038072284202.2010.pdf

Water-Data Report 2010

# 410040072002501 Local number S 58921. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°00'40.2", long 72°00'22.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 75 ft. Upper casing diameter 4 in; top of first opening 67 ft, bottom of last opening 72 ft.

DATUM.--Land-surface datum is 48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.38 ft below land-surface datum.

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

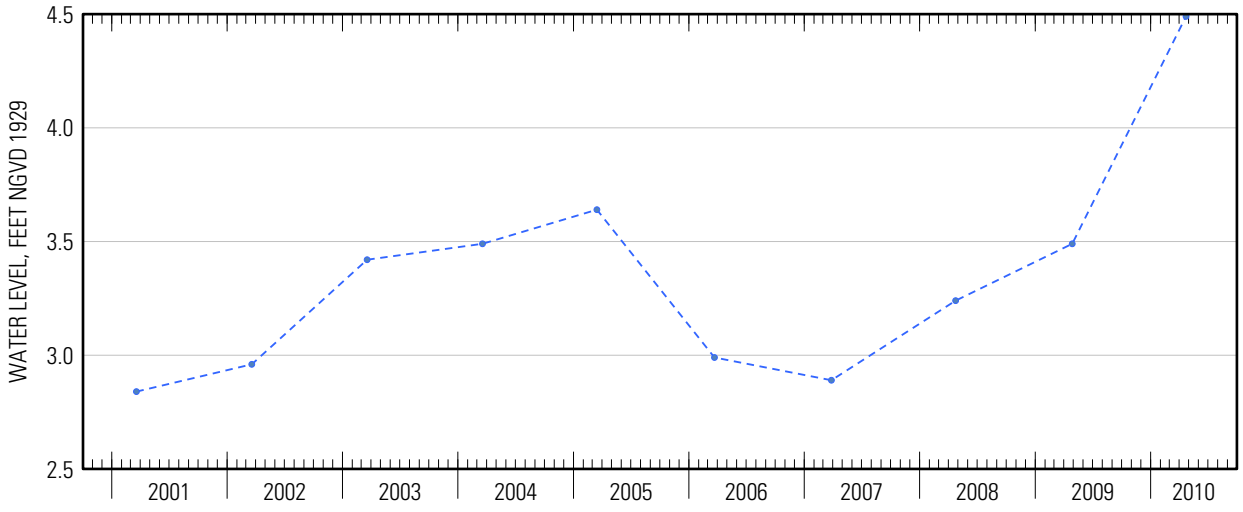
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.49 ft above sea level, April 22, 2010; lowest measured, 2.11 ft above sea level, January 26, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 4.49 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410040072002501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410040072002501.2010.pdf

Water-Data Report 2010

# 410047072184701 Local number S 51186. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°00'47.2", long 72°18'46.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 4 in; top of first opening 30 ft, bottom of last opening 40 ft.

DATUM.--Land-surface datum is 24.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.58 ft below land-surface datum.

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

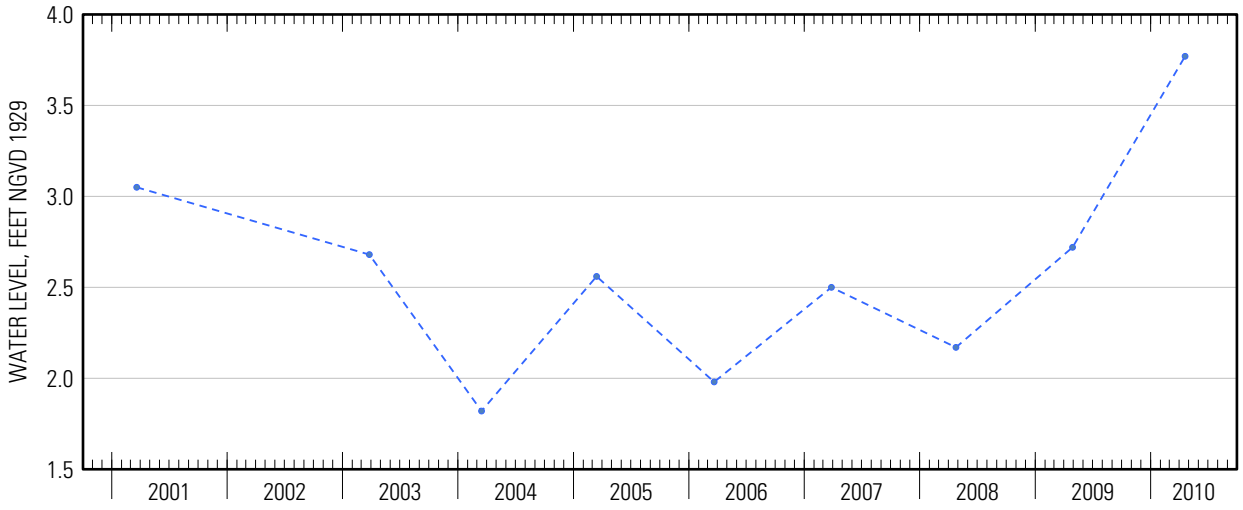
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.77 ft above sea level, April 19, 2010; lowest measured, 1.02 ft above sea level, September 13, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 3.77 |



Water-Data Report 2010

# 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.

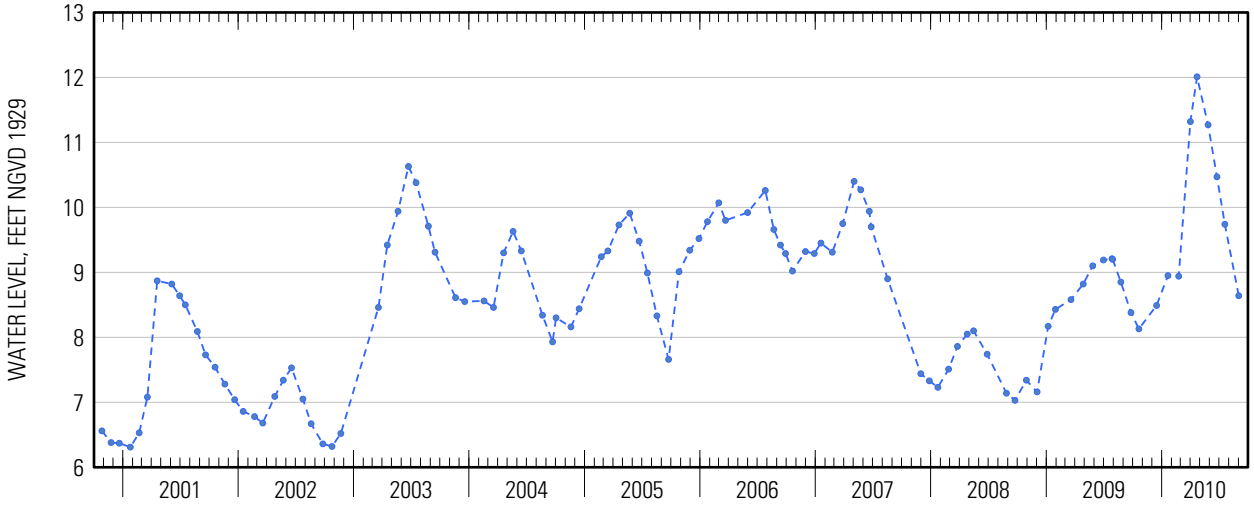
PERIOD OF RECORD.--November 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.01 ft above sea level, April 22, 2010; lowest measured, 5.80 ft above sea level, December 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 20 | 8.13 | Apr 22 | 12.01 |
| Dec 15 | 8.49 | May 27 | 11.27 |
| Jan 20 | 8.95 | Jun 24 | 10.47 |
| Feb 23 | 8.94 | Jul 19 | 9.74 |
| Apr 1 | 11.32 | Sep 1 | 8.64 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410052072134001, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410052072134001.2010.pdf

Water-Data Report 2010

# 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.

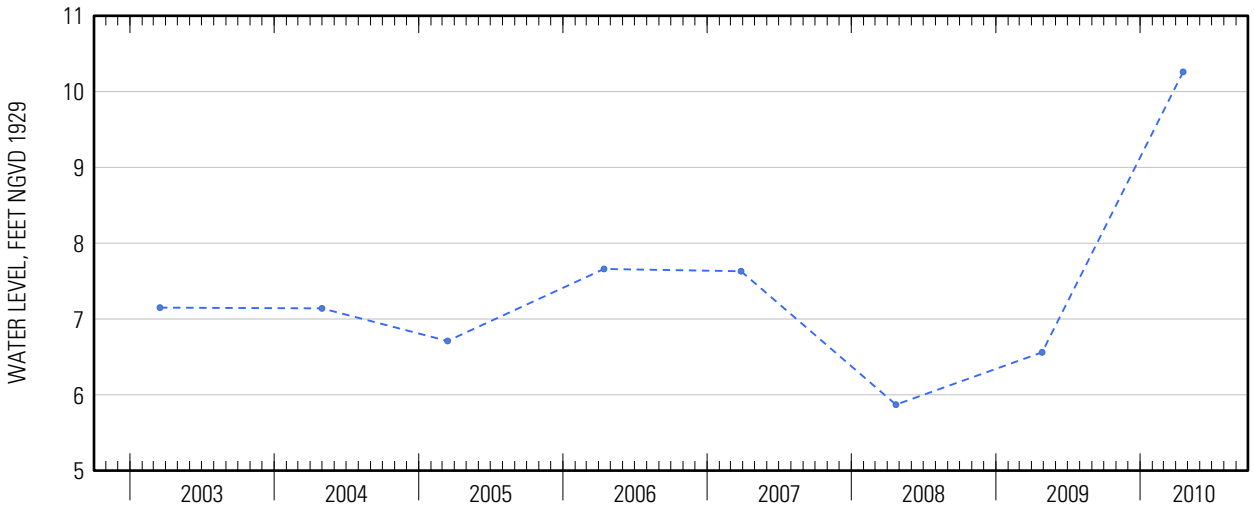
PERIOD OF RECORD.--November 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.26 ft above sea level, April 19, 2010; lowest measured, 4.22 ft above sea level, November 17, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 19 | 10.26 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410056072302601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410056072302601.2010.pdf

Water-Data Report 2010

# 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.

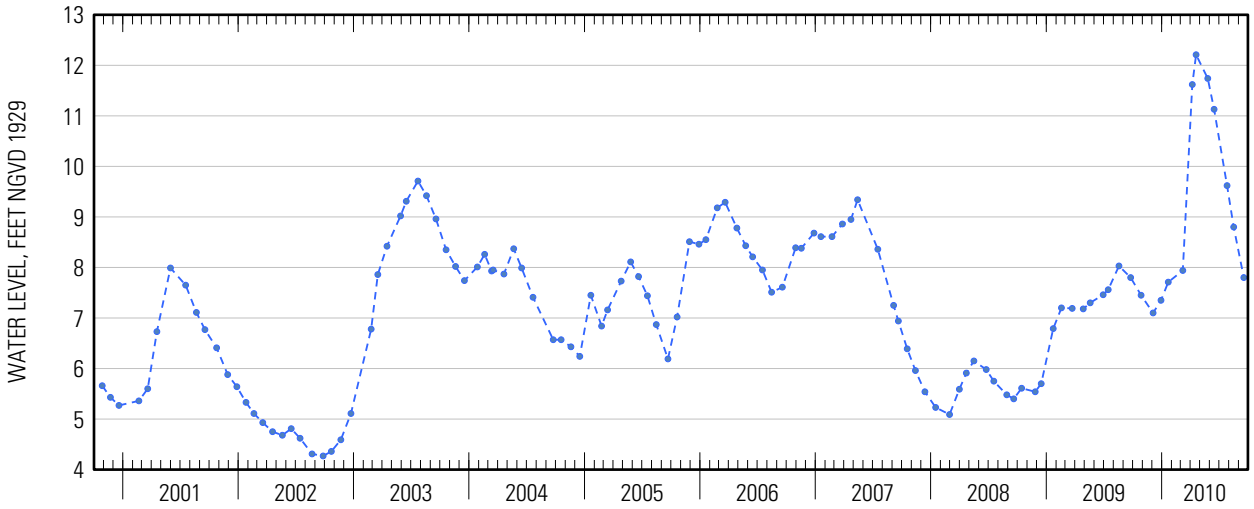
PERIOD OF RECORD.--October 1975 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.21 ft above sea level, April 19, 2010; lowest measured, 3.52 ft above sea level, November 20, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 7.45 | Apr 19 | 12.21 |
| Dec 4 | 7.10 | May 26 | 11.74 |
| 29 | 7.35 | Jun 15 | 11.13 |
| Jan 21 | 7.71 | Jul 26 | 9.62 |
| Mar 8 | 7.94 | Aug 16 | 8.80 |
| Apr 7 | 11.62 | Sep 17 | 7.80 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410104072303301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410104072303301.2010.pdf

Water-Data Report 2010

# 410111072010101 Local number S 62397. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°01′11″, long 72°01′01″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 65 ft. Upper casing diameter 2 in; top of first opening 61 ft, bottom of last opening 65 ft.

DATUM.--Land-surface datum is 57.2 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.49 ft below land-surface datum.

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

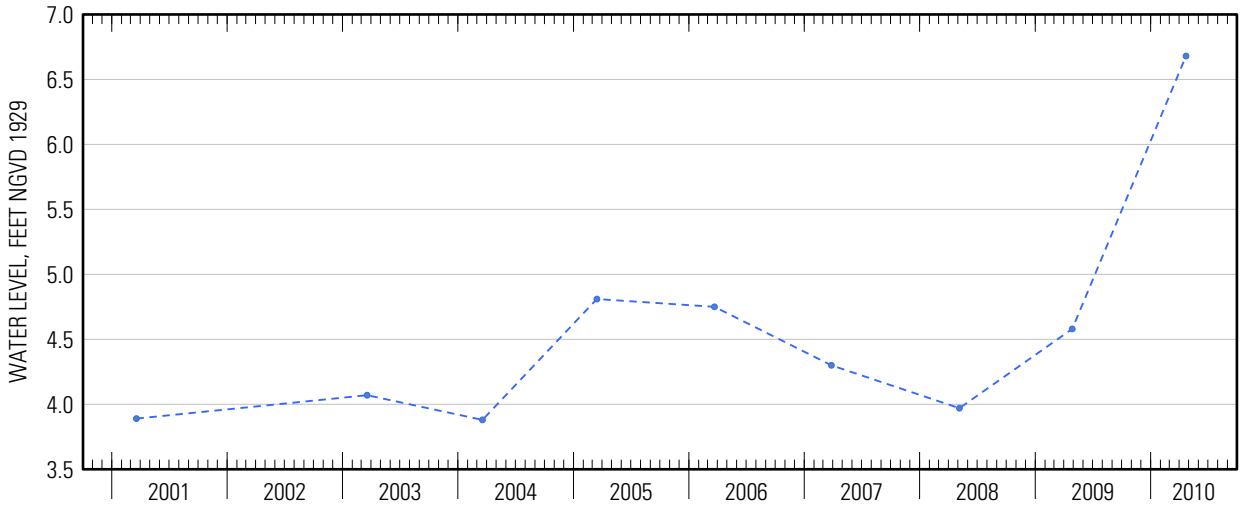
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.68 ft above sea level, April 22, 2010; lowest measured, 2.71 ft above sea level, December 17, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 6.68 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410111072010101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410111072010101.2010.pdf

Water-Data Report 2010

# 410132072184601 Local number S 51185. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°01'32.6", long 72°18'45.3" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Sunset Beach Avenue, 265 ft south of Route 114, North Haven.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 33 ft. Upper casing diameter 4 in; top of first opening 20 ft, bottom of last opening 30 ft.

DATUM.--Land-surface datum is 10.7 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.76 ft below land-surface datum.

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

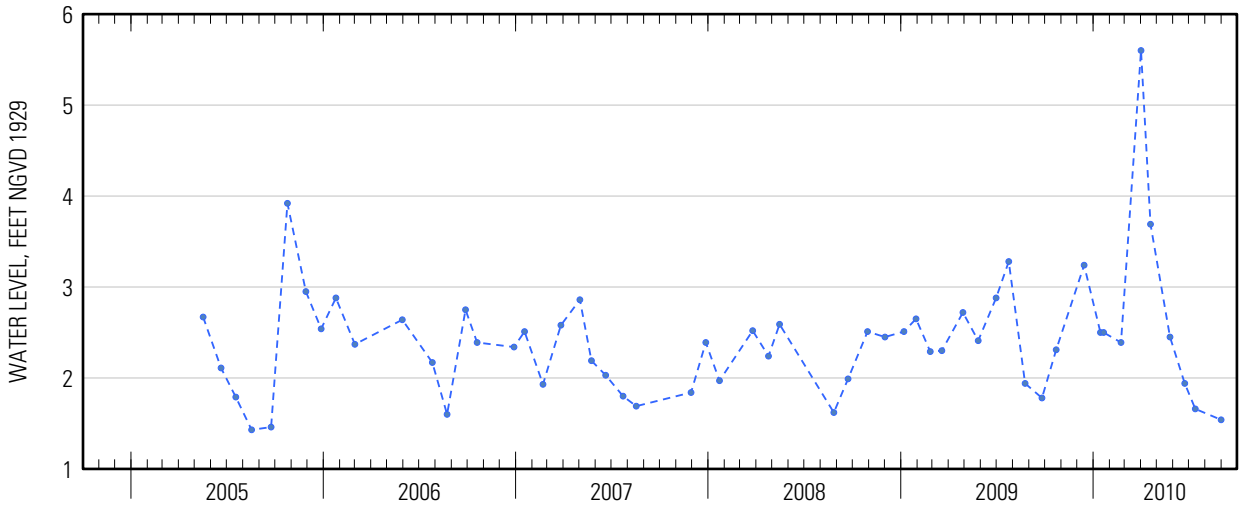
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.60 ft above sea level, April 1, 2010; lowest measured, 0.96 ft above sea level, September 13, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 22 | 2.31 | Apr 19 | 3.69 |
| Dec 14 | 3.24 | May 26 | 2.45 |
| Jan 14 | 2.50 | Jun 23 | 1.94 |
| 20 | 2.50 | Jul 13 | 1.66 |
| Feb 22 | 2.39 | Aug 31 | 1.54 |
| Apr 1 | 5.60 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410132072184601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410132072184601.2010.pdf

Water-Data Report 2010

# 410149071583201 Local number S 48577. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°01'50.0", long 71°58'30.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Montauk Point State Parkway (State Route 27), 19 ft east of entrance to East Hampton Disposal and Recycling Center, Montauk.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 189 ft. Upper casing diameter 6 in; top of first opening 173 ft, bottom of last opening 183 ft.

DATUM.--Land-surface datum is 168.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.61 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year. Unpublished records from January 1974 to September 1983 are available in files of the U.S. Geological Survey.

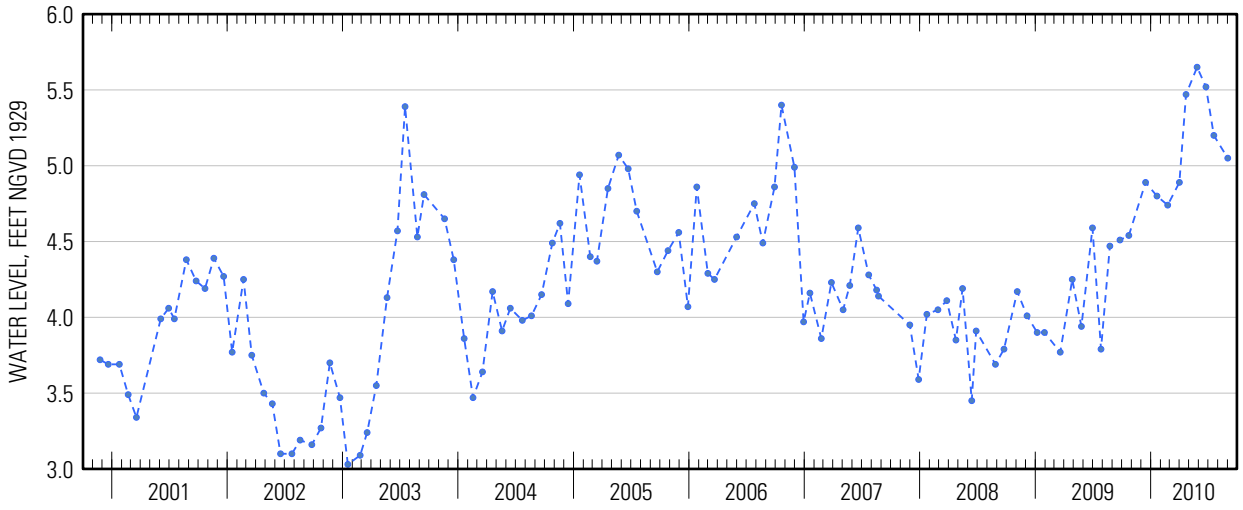
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.65 ft above sea level, May 27, 2010; lowest measured, 0.54 ft below sea level, May 5, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 4.54 | Apr 22 | 5.47 |
| Dec 15 | 4.89 | May 27 | 5.65 |
| Jan 20 | 4.80 | Jun 24 | 5.52 |
| Feb 23 | 4.74 | Jul 19 | 5.20 |
| Apr 1 | 4.89 | Sep 1 | 5.05 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410149071583201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410149071583201.2010.pdf

Water-Data Report 2010

# 410213071572202 Local number S 70263. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°02'13.1", long 71°57'20.5" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 45 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 45 ft.

DATUM.--Land-surface datum is 27.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.17 ft below land-surface datum.

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

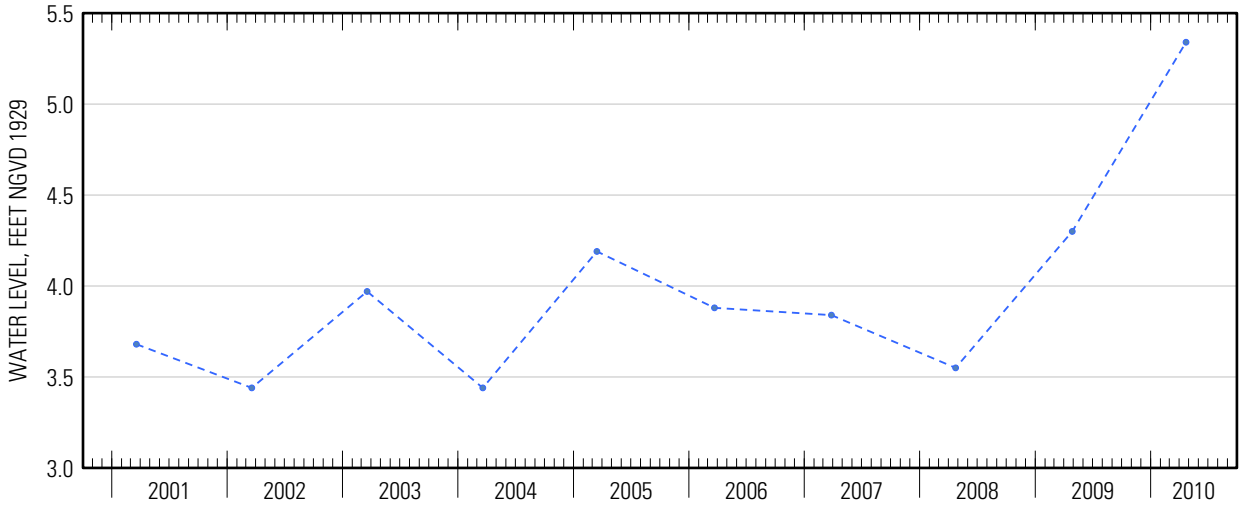
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.34 ft above sea level, April 22, 2010; lowest measured, 2.53 ft above sea level, August 31, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 5.34 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410213071572202, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410213071572202.2010.pdf

Water-Data Report 2010

# 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.

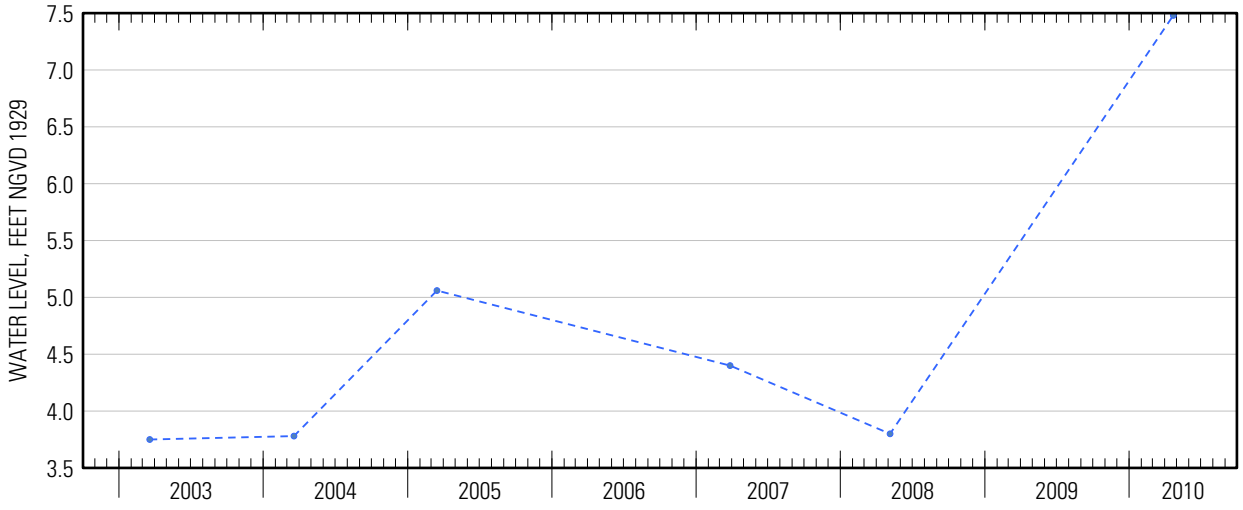
PERIOD OF RECORD.--May 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.48 ft above sea level, April 22, 2010; lowest measured, 2.56 ft above sea level, February 8, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 7.48 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410219071591101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410219071591101.2010.pdf

Water-Data Report 2010

# 410243071560101 Local number S 48519. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°02'43.4", long 71°56'02.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 82 ft. Upper casing diameter 6 in; top of first opening 68 ft, bottom of last opening 78 ft.

DATUM.--Land-surface datum is 63.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.68 ft below land-surface datum.

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

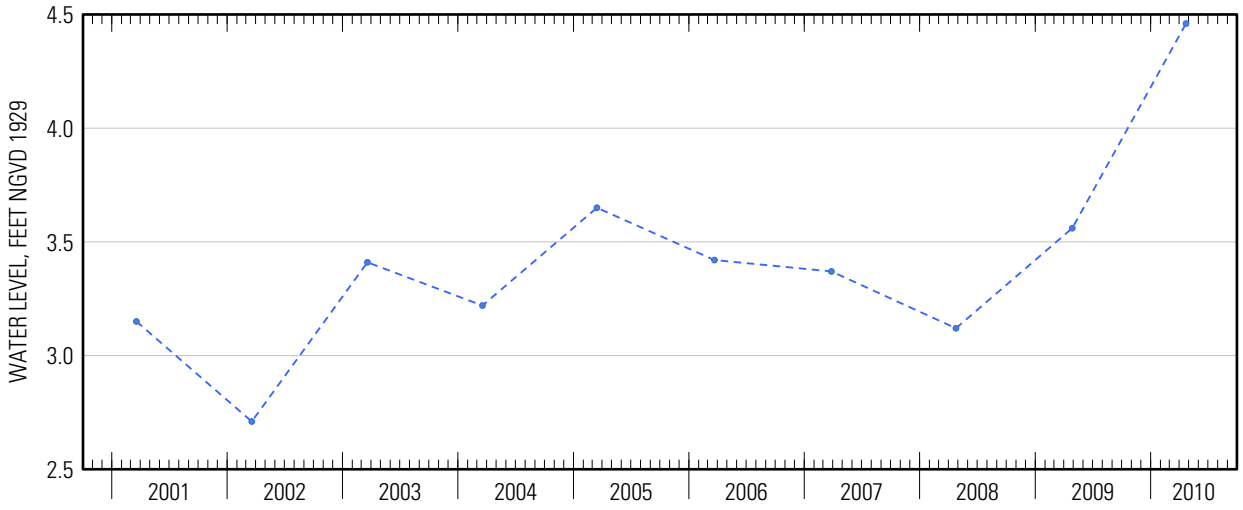
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.64 ft above sea level, March 10, 1994; lowest measured, 2.07 ft above sea level, December 22, 1976.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 4.46 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410243071560101, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410243071560101.2010.pdf

Water-Data Report 2010

# 410253072192601 Local number S 90279. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°02'52.4", long 72°19'32.7" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Osprey Road, 87 ft south of Heron Lane, Shelter Island.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 22.5 ft. Upper casing diameter 2 in; top of first opening 20.5 ft, bottom of last opening 22.5 ft.

DATUM.--Land-surface datum is 20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft below land-surface datum.

PERIOD OF RECORD.--March 1990 to current year.

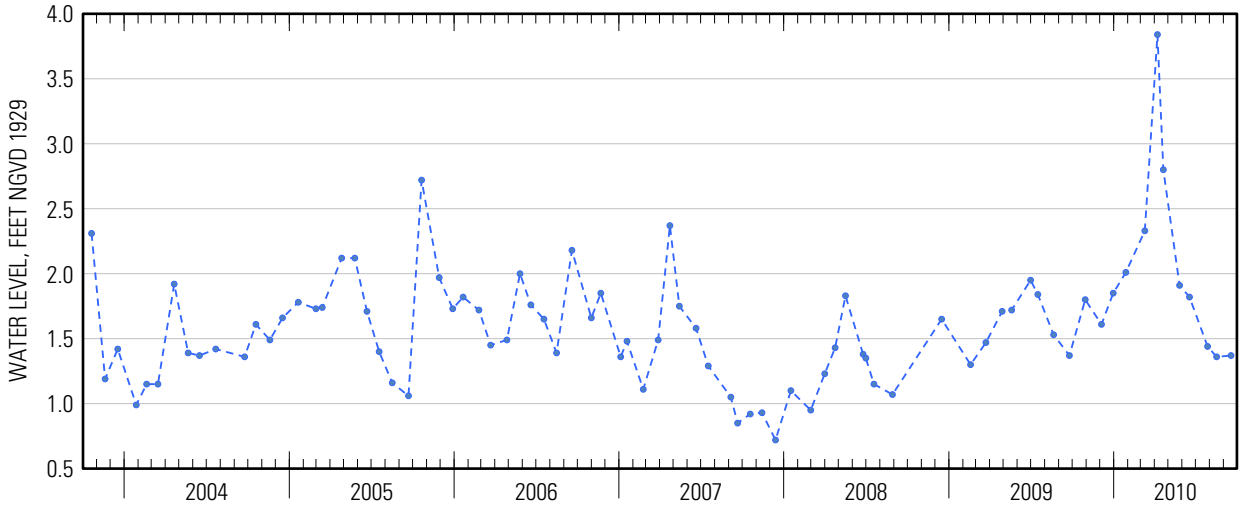
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.84 ft above sea level, April 7, 2010; lowest measured, 0.72 ft above sea level, December 13, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 1.80 | Apr 20 | 2.80 |
| Dec 4 | 1.61 | May 26 | 1.91 |
| 30 | 1.85 | Jun 17 | 1.82 |
| Jan 27 | 2.01 | Jul 27 | 1.44 |
| Mar 10 | 2.33 | Aug 16 | 1.36 |
| Apr 7 | 3.84 | Sep 17 | 1.37 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410253072192601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410253072192601.2010.pdf

Water-Data Report 2010

# 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.

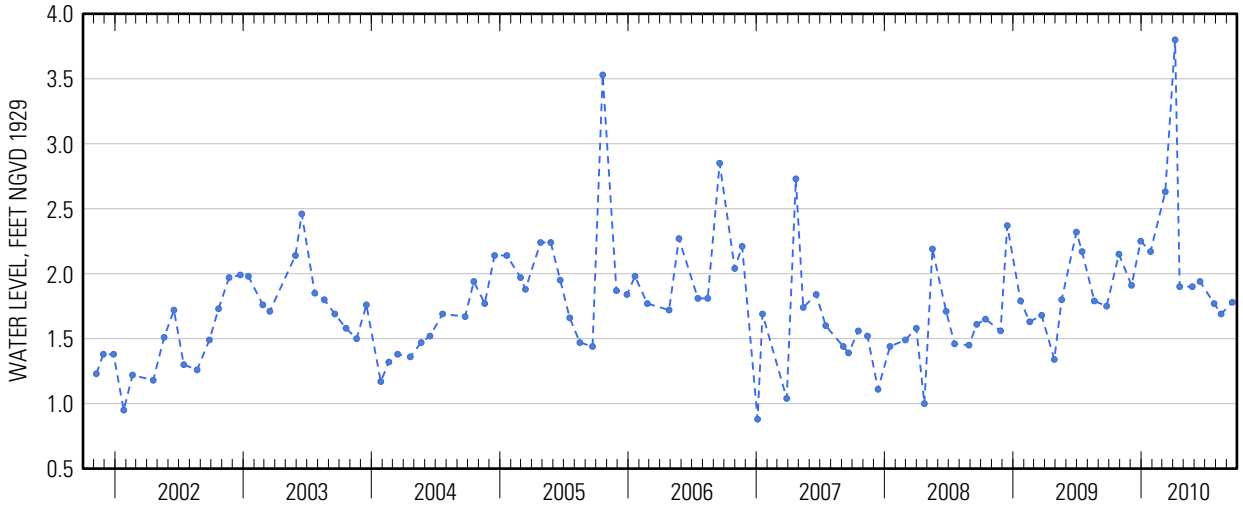
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.80 ft above sea level, April 7, 2010; lowest measured, 0.88 ft above sea level, January 4, 2007.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 2.15 | Apr 20 | 1.90 |
| Dec 4 | 1.91 | May 26 | 1.90 |
| 30 | 2.25 | Jun 17 | 1.94 |
| Jan 27 | 2.17 | Jul 27 | 1.77 |
| Mar 10 | 2.63 | Aug 16 | 1.69 |
| Apr 7 | 3.80 | Sep 17 | 1.78 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410309072205601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410309072205601.2010.pdf

Water-Data Report 2010

# 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.

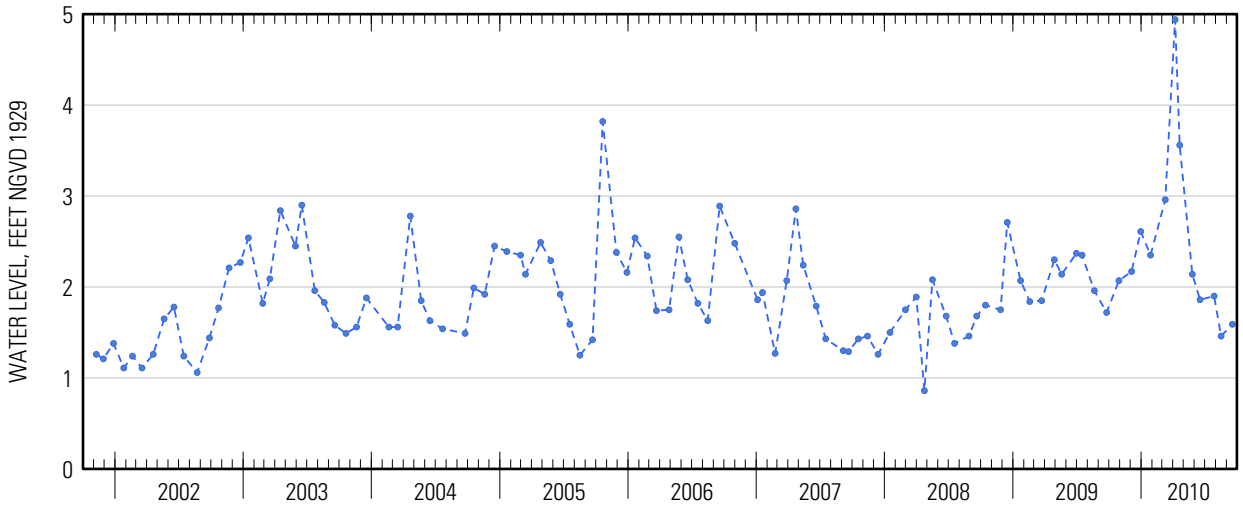
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.94 ft above sea level, April 7, 2010; lowest measured, 0.84 ft above sea level, September 13, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 2.07 | Apr 20 | 3.56 |
| Dec 4 | 2.17 | May 26 | 2.14 |
| 30 | 2.61 | Jun 17 | 1.86 |
| Jan 27 | 2.35 | Jul 27 | 1.90 |
| Mar 10 | 2.96 | Aug 16 | 1.46 |
| Apr 7 | 4.94 | Sep 17 | 1.59 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410311072215501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410311072215501.2010.pdf

Water-Data Report 2010

# 410316071535501 Local number S 48579. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°03'17.5", long 71°53'52.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Montauk Point State Parkway (State Route 27), adjacent to intersection with Old Montauk Highway, Montauk.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 66 ft. Upper casing diameter 6 in; top of first opening 53 ft, bottom of last opening 56 ft.

DATUM.--Land-surface datum is 38.6 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.55 ft below land-surface datum.

PERIOD OF RECORD.--January 1974 to current year. Unpublished records from January 1974 to September 1983 are available in files of the U.S. Geological Survey.

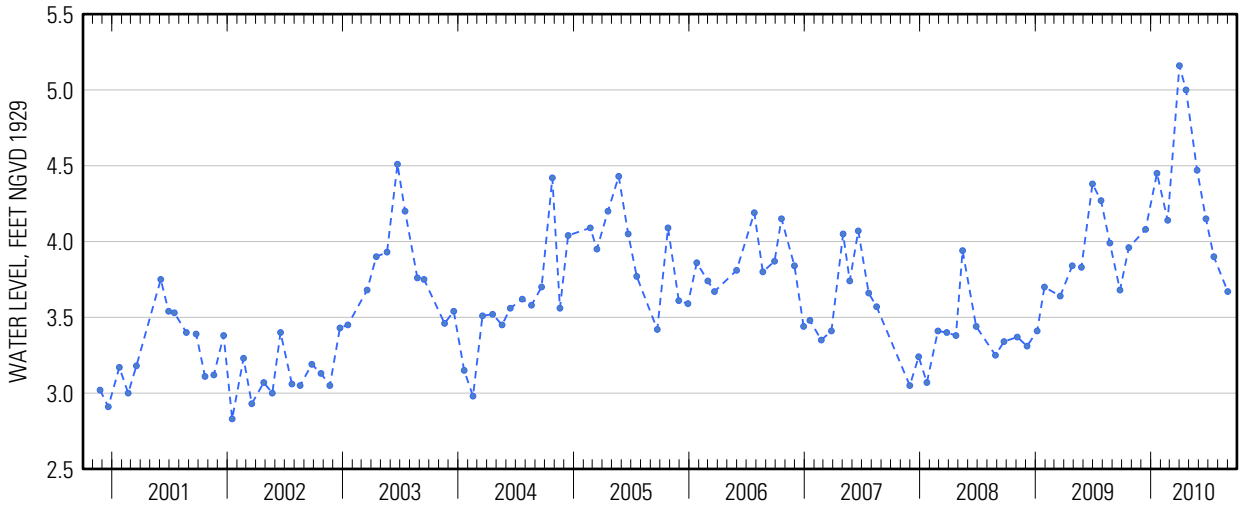
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.16 ft above sea level, April 1, 2010; lowest measured, 2.46 ft above sea level, December 22, 1976.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 3.96 | Apr 22 | 5.00 |
| Dec 15 | 4.08 | May 27 | 4.47 |
| Jan 20 | 4.45 | Jun 24 | 4.15 |
| Feb 23 | 4.14 | Jul 19 | 3.90 |
| Apr 1 | 5.16 | Sep 1 | 3.67 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410316071535501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410316071535501.2010.pdf

Water-Data Report 2010

# 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.

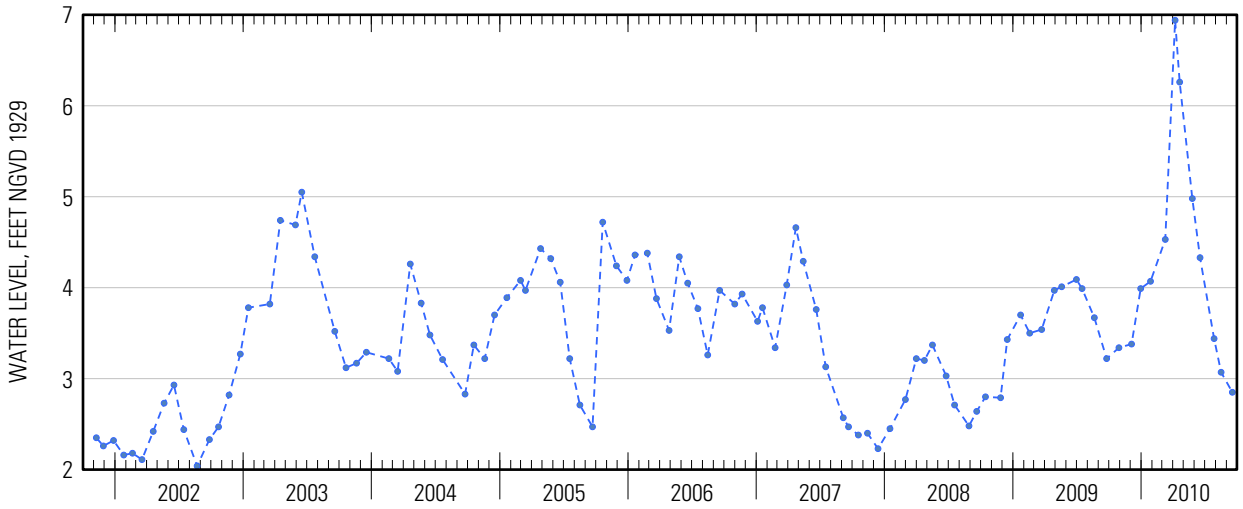
PERIOD OF RECORD.--June 1974 to March 1995 and November 2001 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.94 ft above sea level, April 7, 2010; lowest measured, 1.90 ft above sea level, December 10, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 3.34 | Apr 20 | 6.26 |
| Dec 4 | 3.38 | May 26 | 4.98 |
| 30 | 3.99 | Jun 17 | 4.33 |
| Jan 27 | 4.07 | Jul 27 | 3.44 |
| Mar 10 | 4.53 | Aug 16 | 3.07 |
| Apr 7 | 6.94 | Sep 17 | 2.85 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410316072192901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410316072192901.2010.pdf

Water-Data Report 2010

# 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.

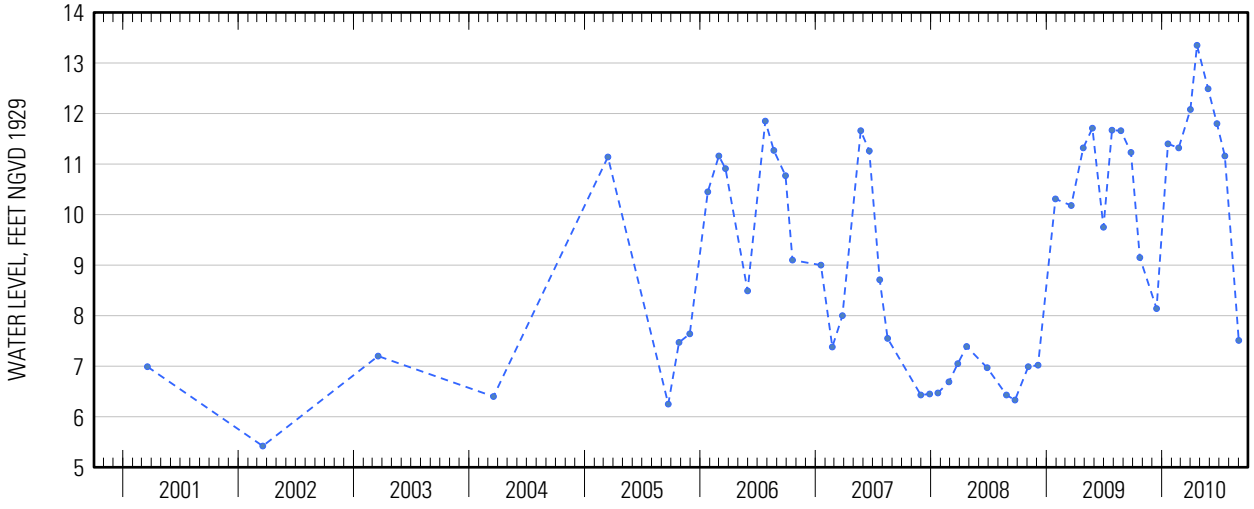
PERIOD OF RECORD.--March 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.35 ft above sea level, April 22, 2010; lowest measured, 2.66 ft above sea level, May 4, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 9.15 | Apr 22 | 13.35 |
| Dec 15 | 8.14 | May 27 | 12.49 |
| Jan 20 | 11.40 | Jun 24 | 11.80 |
| Feb 23 | 11.32 | Jul 19 | 11.16 |
| Apr 1 | 12.08 | Sep 1 | 7.51 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410320071570601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410320071570601.2010.pdf

Water-Data Report 2010

# 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.

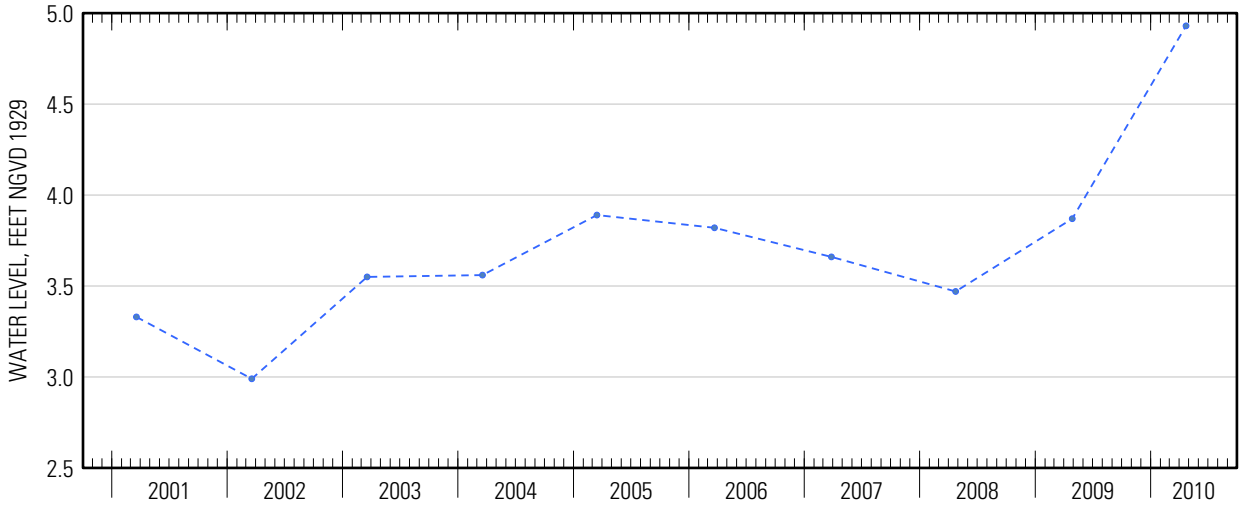
PERIOD OF RECORD.--May 1981 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.93 ft above sea level, April 22, 2010; lowest measured, 1.04 ft above sea level, April 11, 1988.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 4.93 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410330071563901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410330071563901.2010.pdf

Water-Data Report 2010

# 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.

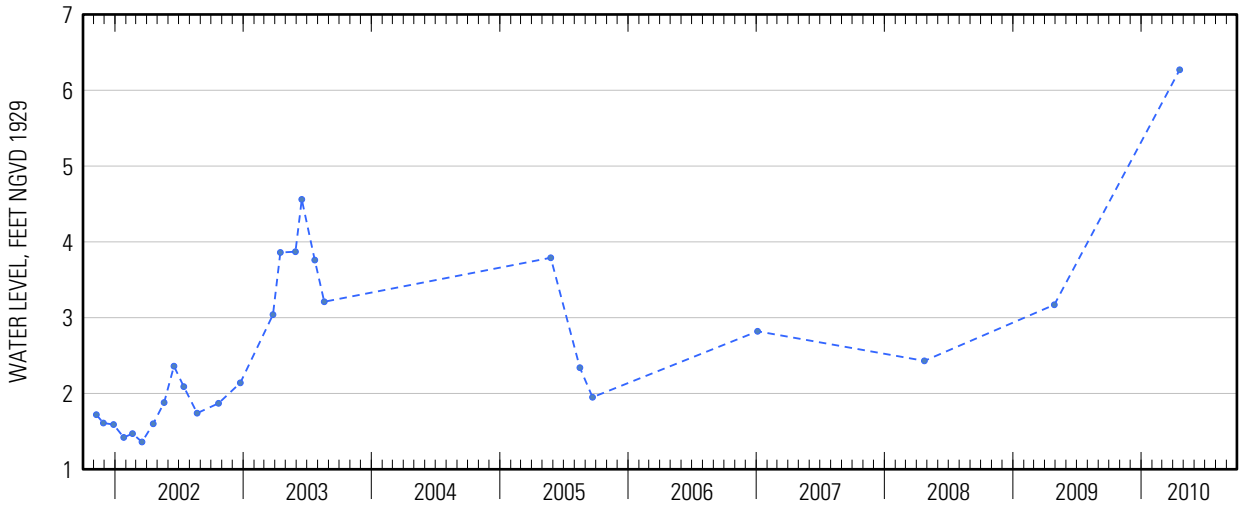
PERIOD OF RECORD.--June 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.27 ft above sea level, April 20, 2010; lowest measured, 1.28 ft above sea level, December 10, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 20 | 6.27 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410334072172701, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410334072172701.2010.pdf

Water-Data Report 2010

# 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.

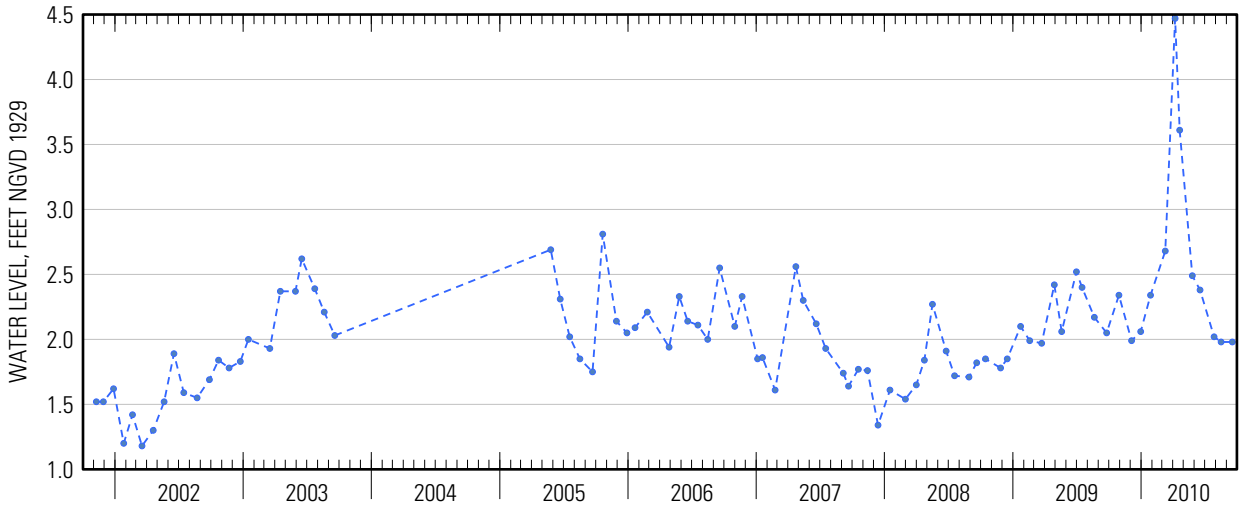
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.47 ft above sea level, April 7, 2010; lowest measured, 0.98 ft above sea level, December 21, 1976.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 2.34 | Apr 20 | 3.61 |
| Dec 4 | 1.99 | May 26 | 2.49 |
| 30 | 2.06 | Jun 17 | 2.38 |
| Jan 27 | 2.34 | Jul 27 | 2.02 |
| Mar 10 | 2.68 | Aug 16 | 1.98 |
| Apr 7 | 4.47 | Sep 17 | 1.98 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410349072222201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410349072222201.2010.pdf

Water-Data Report 2010

# 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.

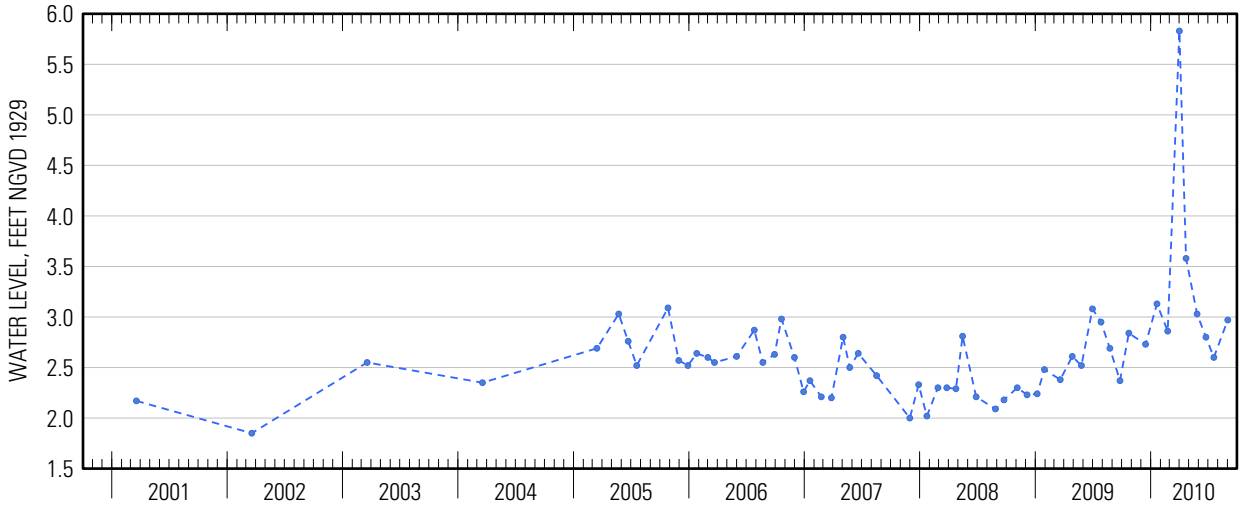
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.83 ft above sea level, April 1, 2010; lowest measured, 1.37 ft above sea level, December 21, 1980.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 23 | 2.84 | Apr 22 | 3.58 |
| Dec 15 | 2.73 | May 27 | 3.03 |
| Jan 20 | 3.13 | Jun 24 | 2.80 |
| Feb 23 | 2.86 | Jul 19 | 2.60 |
| Apr 1 | 5.83 | Sep 1 | 2.97 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410356071544201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410356071544201.2010.pdf

Water-Data Report 2010

# 410356072260301 Local number S 16780. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°03'56.4", long 72°26'02.1" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at east side of Horton Lane, 0.3 miles south of North Road, Southold.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 50 ft. Upper casing diameter 1.25 in; top of first opening 47 ft, bottom of last opening 50 ft.

DATUM.--Land-surface datum is 43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.01 ft above land-surface datum.

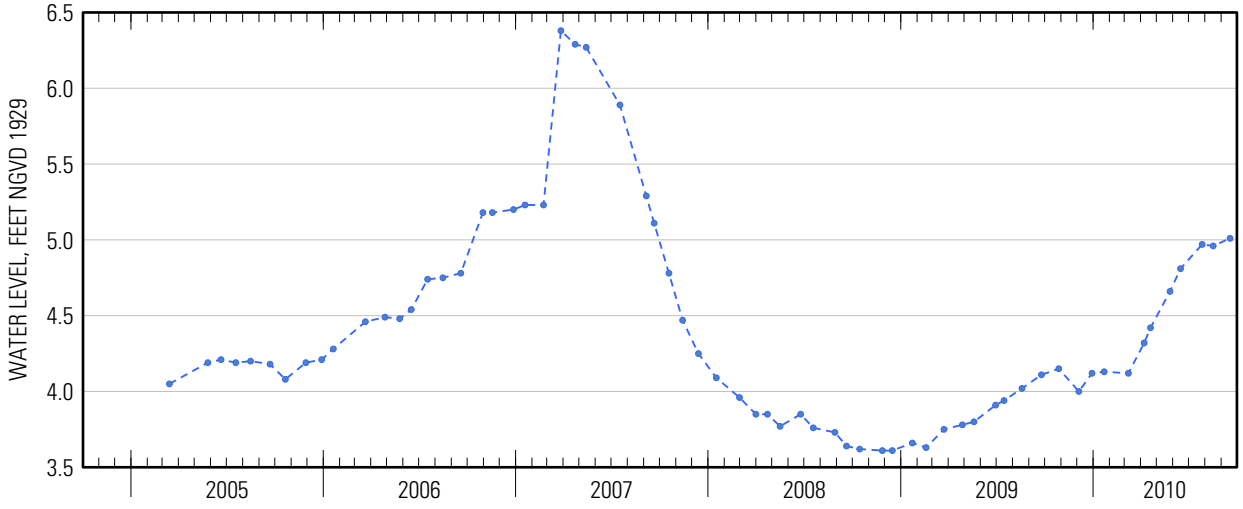
PERIOD OF RECORD.--September 1958 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.55 ft above sea level, October 6, 1978; lowest measured, 1.45 ft above sea level, August 31, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 4.15 | Apr 19 | 4.42 |
| Dec 4 | 4.00 | May 26 | 4.66 |
| 29 | 4.12 | Jun 15 | 4.81 |
| Jan 21 | 4.13 | Jul 26 | 4.97 |
| Mar 8 | 4.12 | Aug 16 | 4.96 |
| Apr 7 | 4.32 | Sep 17 | 5.01 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410356072260301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410356072260301.2010.pdf

Water-Data Report 2010

# 410414071515901 Local number S 70627. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04'14.3", long 71°51'57.6" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202.

## GROUNDWATER RECORDS

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

DATUM.--Land-surface datum is 90.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.35 ft below land-surface datum.

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

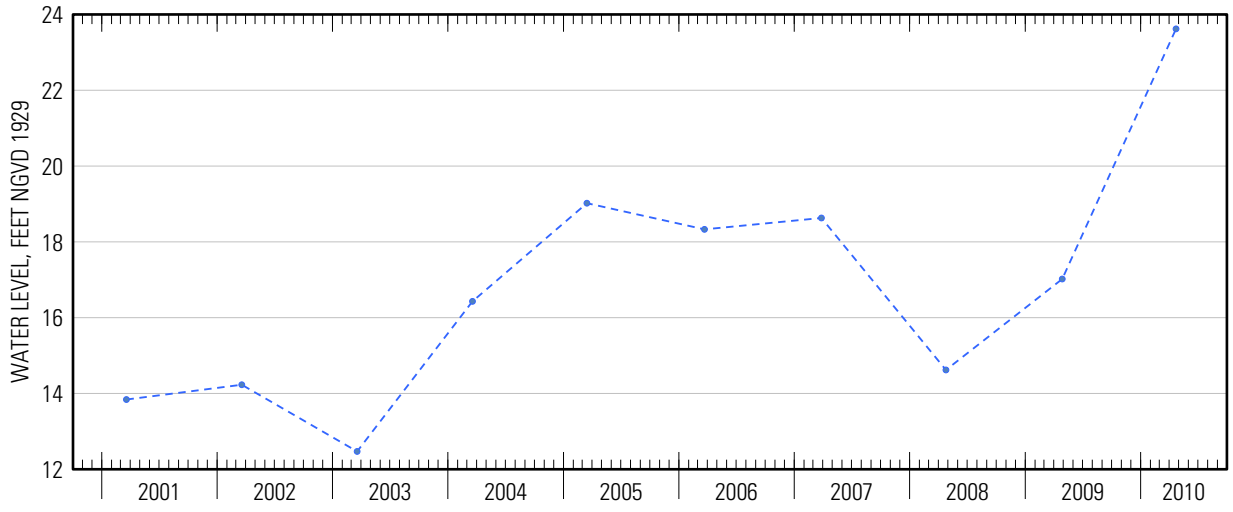
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.62 ft above sea level, April 22, 2010; lowest measured, 11.14 ft above sea level, March 9, 1982.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level |
|---|---|
| Apr 22 | 23.62 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410414071515901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410414071515901.2010.pdf

Water-Data Report 2010

# 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.

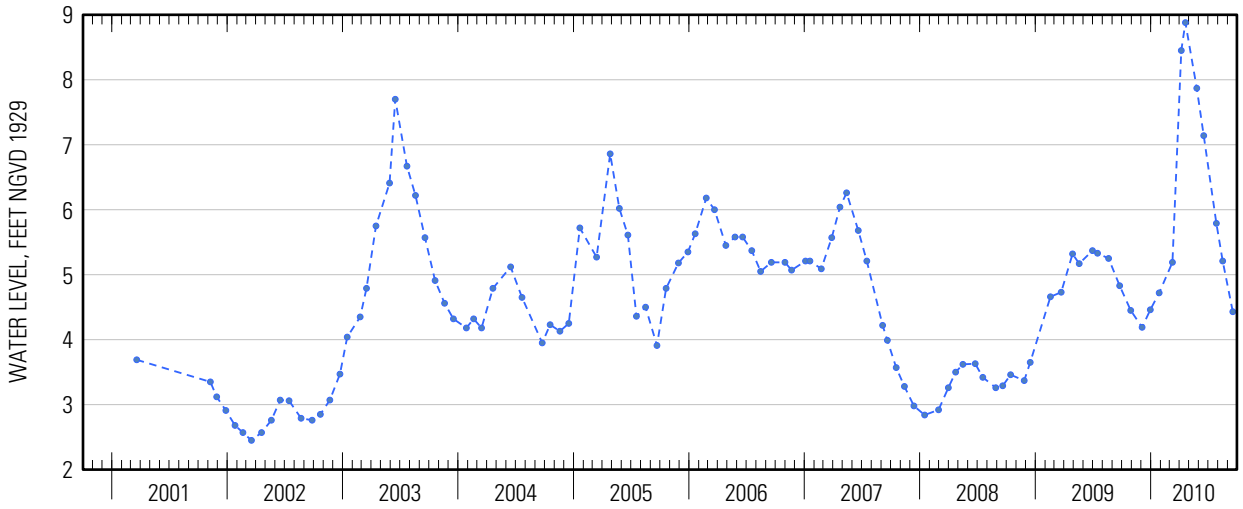
PERIOD OF RECORD.--June 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.88 ft above sea level, April 20, 2010; lowest measured, 2.42 ft above sea level, December 12, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 4.45 | Apr 20 | 8.88 |
| Dec 4 | 4.19 | May 26 | 7.87 |
| 30 | 4.46 | Jun 17 | 7.14 |
| Jan 27 | 4.72 | Jul 27 | 5.79 |
| Mar 10 | 5.19 | Aug 16 | 5.21 |
| Apr 7 | 8.45 | Sep 17 | 4.43 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410430072202301, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410430072202301.2010.pdf

Water-Data Report 2010

# 410438072213201 Local number S 73974. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04'39.2", long 72°21'23.0" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at Shelter Island Country Club and Golf Course, west side of fairway to 6th green, at edge of woods, 3,000 ft north of West Neck Road, Shelter Island.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 42 ft. Upper casing diameter 2 in; top of first opening 40 ft, bottom of last opening 42 ft.

DATUM.--Land-surface datum is 38.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.53 ft above land-surface datum.

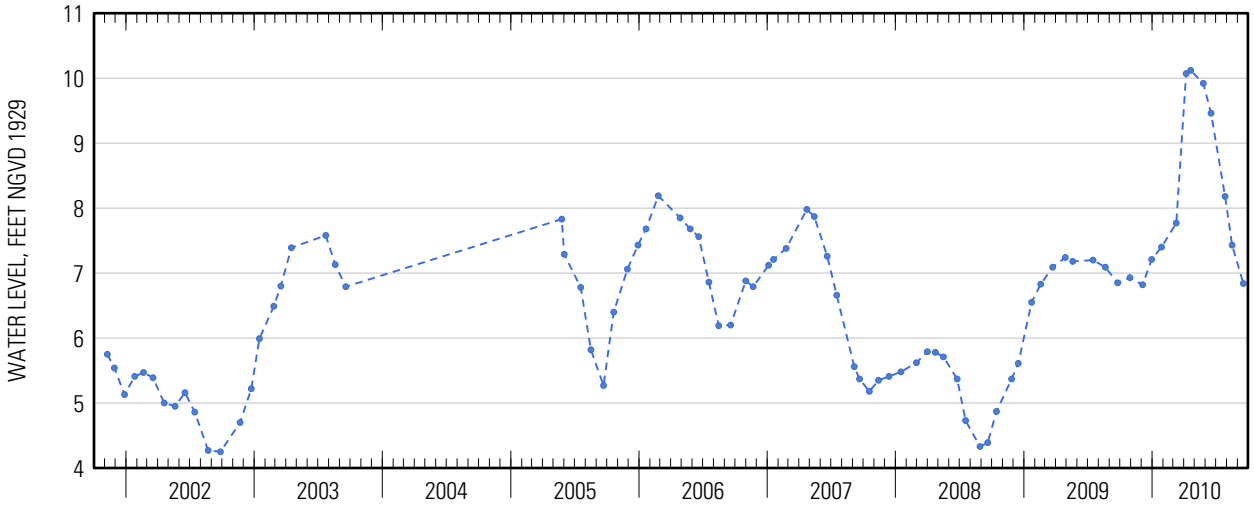
PERIOD OF RECORD.--March 1990 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.12 ft above sea level, April 20, 2010; lowest measured, 4.25 ft above sea level, September 26, 2002.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 6.93 | Apr 20 | 10.12 |
| Dec 4 | 6.82 | May 26 | 9.92 |
| 30 | 7.21 | Jun 17 | 9.46 |
| Jan 27 | 7.40 | Jul 27 | 8.18 |
| Mar 10 | 7.77 | Aug 16 | 7.43 |
| Apr 7 | 10.07 | Sep 17 | 6.84 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410438072213201, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410438072213201.2010.pdf

Water-Data Report 2010

# 410439072173501 Local number S 75432. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°04'40.0", long 72°17'34.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at south side of South Ram Island Drive and east side of Tuthill Drive, Shelter Island.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 29 ft. Upper casing diameter 2 in; top of first opening 24 ft, bottom of last opening 29 ft.

DATUM.--Land-surface datum is 21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--March 1990 to March 1995 and November 2001 to current year.

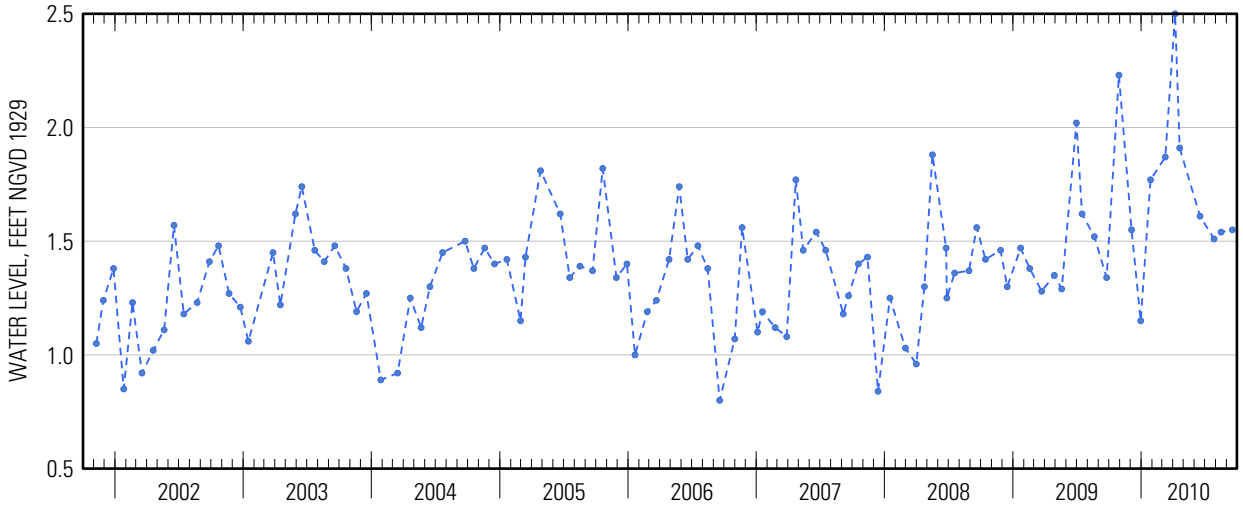
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.50 ft above sea level, April 7, 2010; lowest measured, 0.80 ft above sea level, September 18, 2006.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 2.23 | Apr 20 | 1.91 |
| Dec 4 | 1.55 | Jun 17 | 1.61 |
| 30 | 1.15 | Jul 27 | 1.51 |
| Jan 27 | 1.77 | Aug 16 | 1.54 |
| Mar 10 | 1.87 | Sep 17 | 1.55 |
| Apr 7 | 2.50 | | |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410439072173501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410439072173501.2010.pdf

Water-Data Report 2010

# 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.

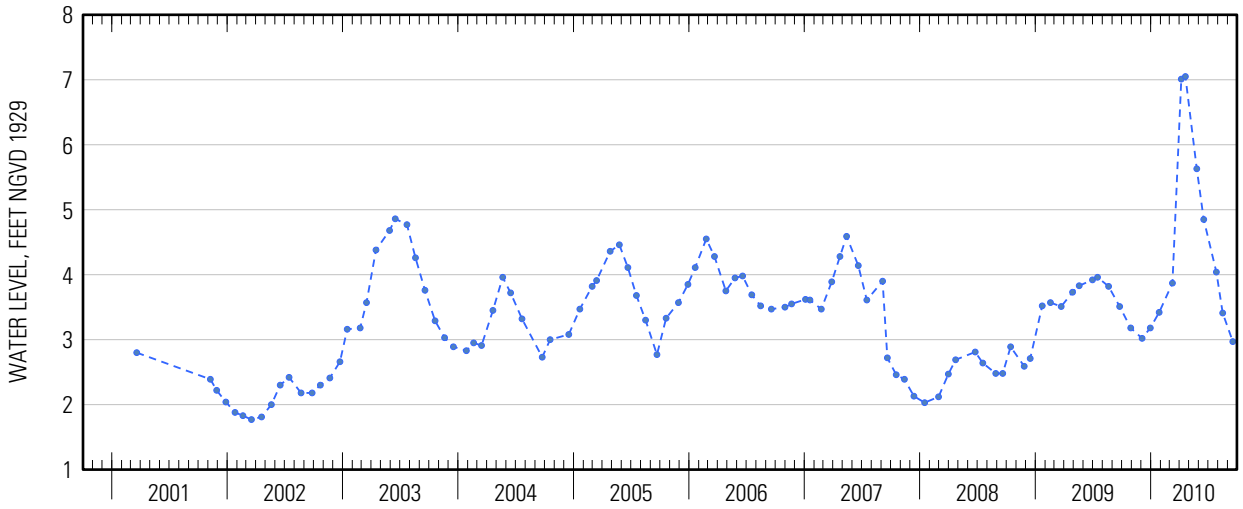
PERIOD OF RECORD.--July 1974 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.05 ft above sea level, April 20, 2010; lowest measured, 1.71 ft above sea level, March 9, 1981.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 3.18 | Apr 20 | 7.05 |
| Dec 4 | 3.02 | May 26 | 5.63 |
| 30 | 3.18 | Jun 17 | 4.85 |
| Jan 27 | 3.42 | Jul 27 | 4.04 |
| Mar 10 | 3.87 | Aug 16 | 3.41 |
| Apr 7 | 7.01 | Sep 17 | 2.97 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410516072200901, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410516072200901.2010.pdf

Water-Data Report 2010

# 410602072195801 Local number S 51182. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°06'03.1", long 72°20'00.2" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at north side of Westview Road, 99 ft west of Crescent Drive, Shelter Island.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 76 ft. Upper casing diameter 6 in; top of first opening 64 ft, bottom of last opening 74 ft.

DATUM.--Land-surface datum is 55.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.93 ft below land-surface datum.

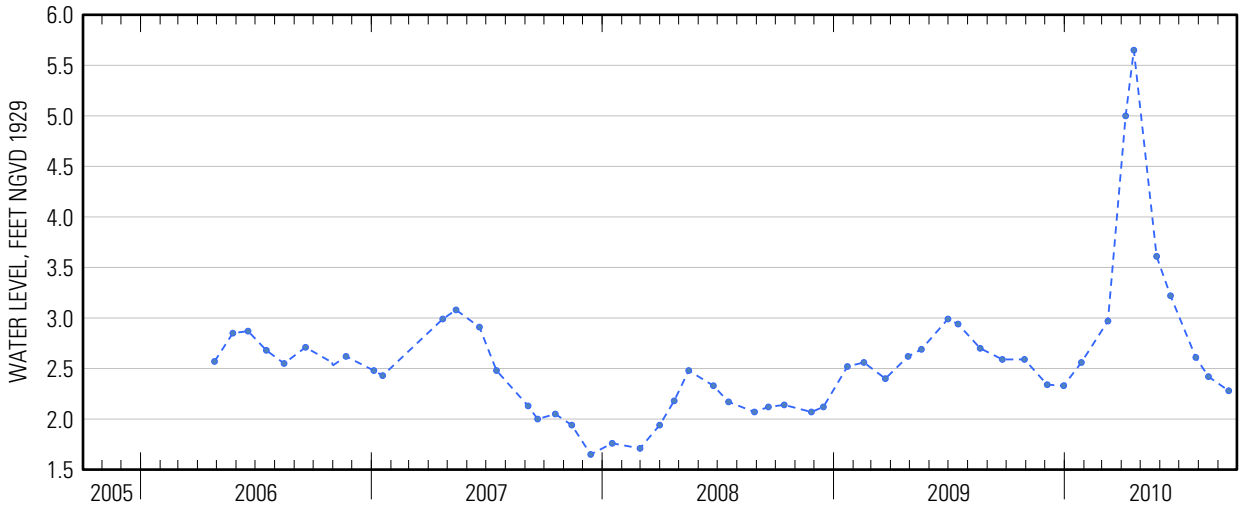
PERIOD OF RECORD.--June 1974 to April 1984, March 1990, March 1994 to March 1995, and April 2006 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.65 ft above sea level, April 20, 2010; lowest measured, 0.88 ft above sea level, March 2, 1983.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 29 | 2.59 | Apr 20 | 5.65 |
| Dec 4 | 2.34 | May 26 | 3.61 |
| 30 | 2.33 | Jun 17 | 3.22 |
| Jan 27 | 2.56 | Jul 27 | 2.61 |
| Mar 10 | 2.97 | Aug 16 | 2.42 |
| Apr 7 | 5.00 | Sep 17 | 2.28 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410602072195801, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410602072195801.2010.pdf

Water-Data Report 2010

# 410634072223601 Local number S 16783. 2

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°06'36.9", long 72°22'35.9" referenced to North American Datum of 1983, Suffolk County, NY, Hydrologic Unit 02030202, at west side of Moore Lane, 61 ft south of North Road (State Route 25), Southold.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 28 ft. Upper casing diameter 2 in; top of first opening 20 ft, bottom of last opening 24 ft.

DATUM.--Land-surface datum is 16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.13 ft below land-surface datum.

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

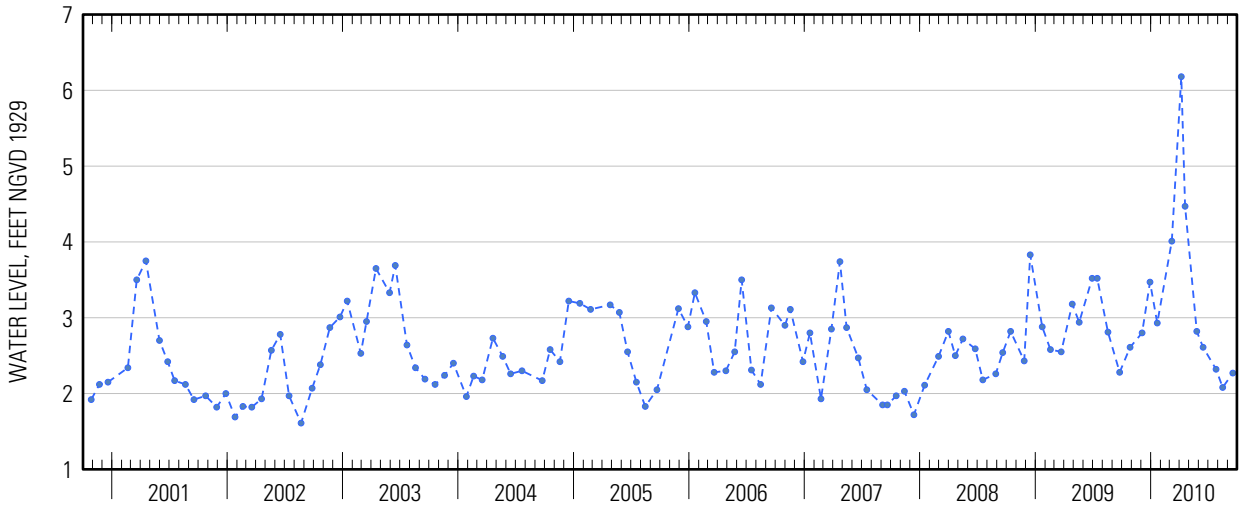
GAGE.--Measurement with chalked steel tape by United States Geological Survey personnel.

REMARKS.--Water level affected by tidal fluctuation.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.18 ft above sea level, April 7, 2010; lowest measured, 1.47 ft above sea level, December 21, 1999.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 2.61 | Apr 19 | 4.47 |
| Dec 4 | 2.80 | May 26 | 2.82 |
| 29 | 3.47 | Jun 15 | 2.61 |
| Jan 21 | 2.93 | Jul 26 | 2.32 |
| Mar 8 | 4.01 | Aug 16 | 2.08 |
| Apr 7 | 6.18 | Sep 17 | 2.27 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410634072223601, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410634072223601.2010.pdf

Water-Data Report 2010

# 410858072171501 Local number S 16787. 1

Northern Atlantic Coastal Plain aquifer system
Glacial Aquifer, Upper

Suffolk County, NY

LOCATION.--Lat 41°08′58″, long 72°17′15″ referenced to North American Datum of 1927, Suffolk County, NY, Hydrologic Unit 02030202, at south side of State Route 25, east of Platt Road, Orient.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 1.25 in; top of first opening 41 ft, bottom of last opening 44 ft.

DATUM.--Land-surface datum is 22.3 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.14 ft above land-surface datum.

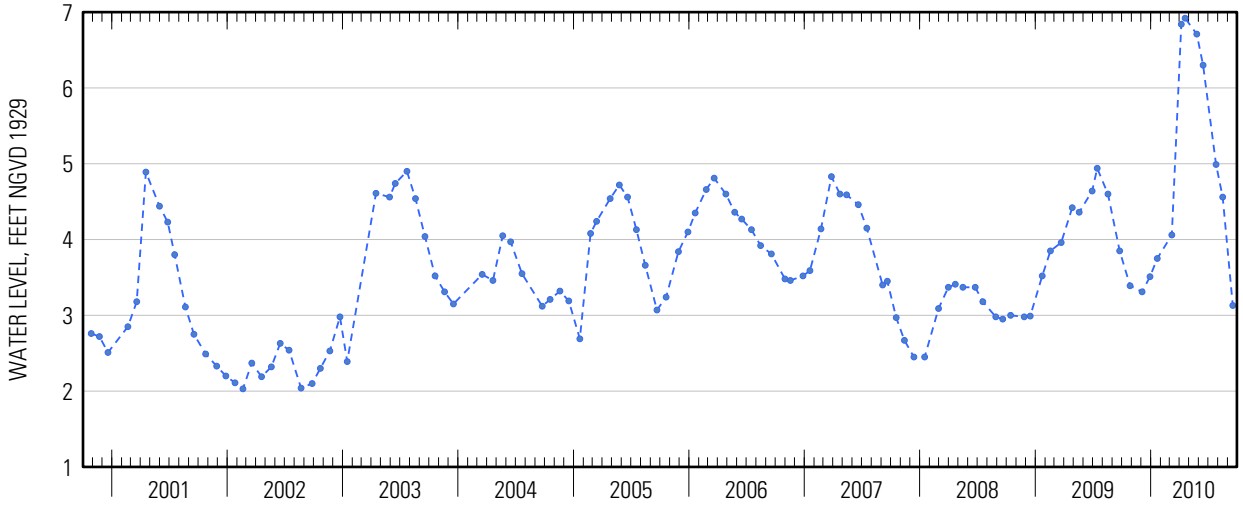
PERIOD OF RECORD.--August 1958 to current year. Unpublished records from August 1958 to September 1977 are available in files of the U.S. Geological Survey.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.92 ft above sea level, April 19, 2010; lowest measured, 1.12 ft above sea level, August 8, 1966.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 27 | 3.39 | Apr 19 | 6.92 |
| Dec 4 | 3.31 | May 26 | 6.71 |
| 29 | 3.51 | Jun 15 | 6.30 |
| Jan 21 | 3.75 | Jul 26 | 4.99 |
| Mar 8 | 4.06 | Aug 16 | 4.56 |
| Apr 7 | 6.84 | Sep 17 | 3.13 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 410858072171501, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/410858072171501.2010.pdf

Water-Data Report 2010

# 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.

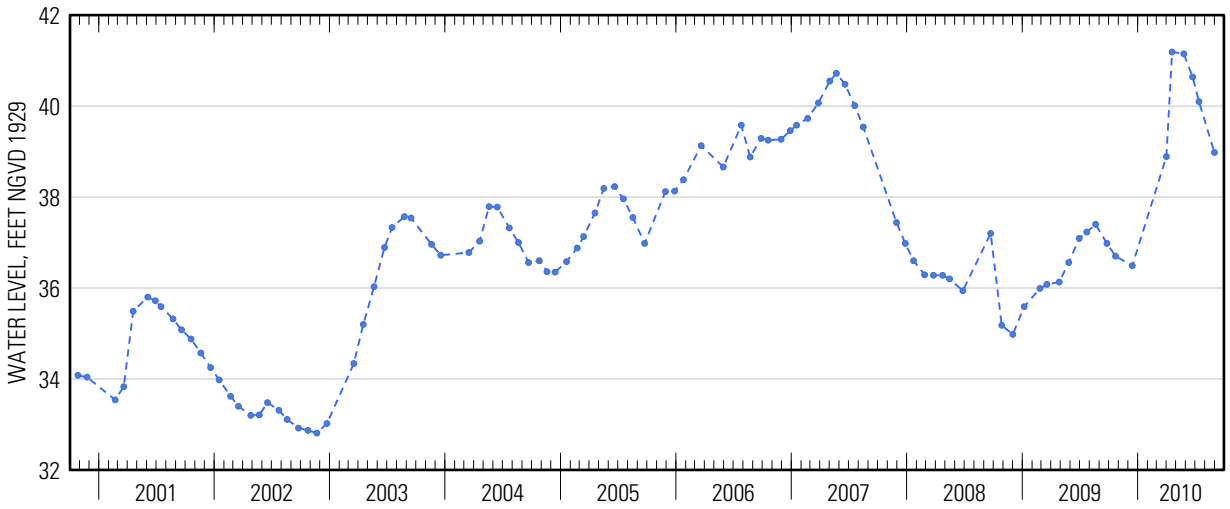
PERIOD OF RECORD.--June 1982 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.19 ft above sea level, April 19, 2010; lowest measured, 32.58 ft above sea level, December 5, 1986.

**WATER SURFACE ELEVATION IN FEET NGVD 1929**
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

| Date | Water level | Date | Water level |
|---|---|---|---|
| Oct 22 | 36.70 | May 26 | 41.15 |
| Dec 14 | 36.49 | Jun 23 | 40.64 |
| Apr 1 | 38.89 | Jul 13 | 40.10 |
| 19 | 41.19 | Aug 31 | 38.98 |






Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2010: U.S. Geological Survey Water-Data Report WDR-US-2010, site 415843072213401, accessed at http://wdr.water.usgs.gov/wy2010/pdfs/415843072213401.2010.pdf