Water-Data Report 2013

# 422710076462901 Local number Sy-706, near Burdett NY

Sand and gravel aquifers (glaciated regions)
Ice-Contact Deposits

Schuyler County, NY

LOCATION.--Lat 42°27′10″, long 76°46′29″ referenced to North American Datum of 1927, Schuyler County, NY, Hydrologic Unit 04140201, behind red barn of landowner, on State Highway 79, 0.4 mi east of the intersection of State Highways 79 and 227, and 4.5 mi northeast of Burdett.

## GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 27 ft. Upper casing diameter 6 in; top of first opening 27 ft, bottom of last opening 27 ft. Cased to 27 ft, open end. Elevation of land-surface datum is 1,160 ft above NGVD of 1929, from topographic map.

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

GAGE.--Water-stage recorder--15 minute; periodic measurements by USGS personnel.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.23 ft, below land-surface datum, Apr. 3, 4, 2005; lowest water level, 10.10 ft below land-surface datum, Aug. 30, 2005.

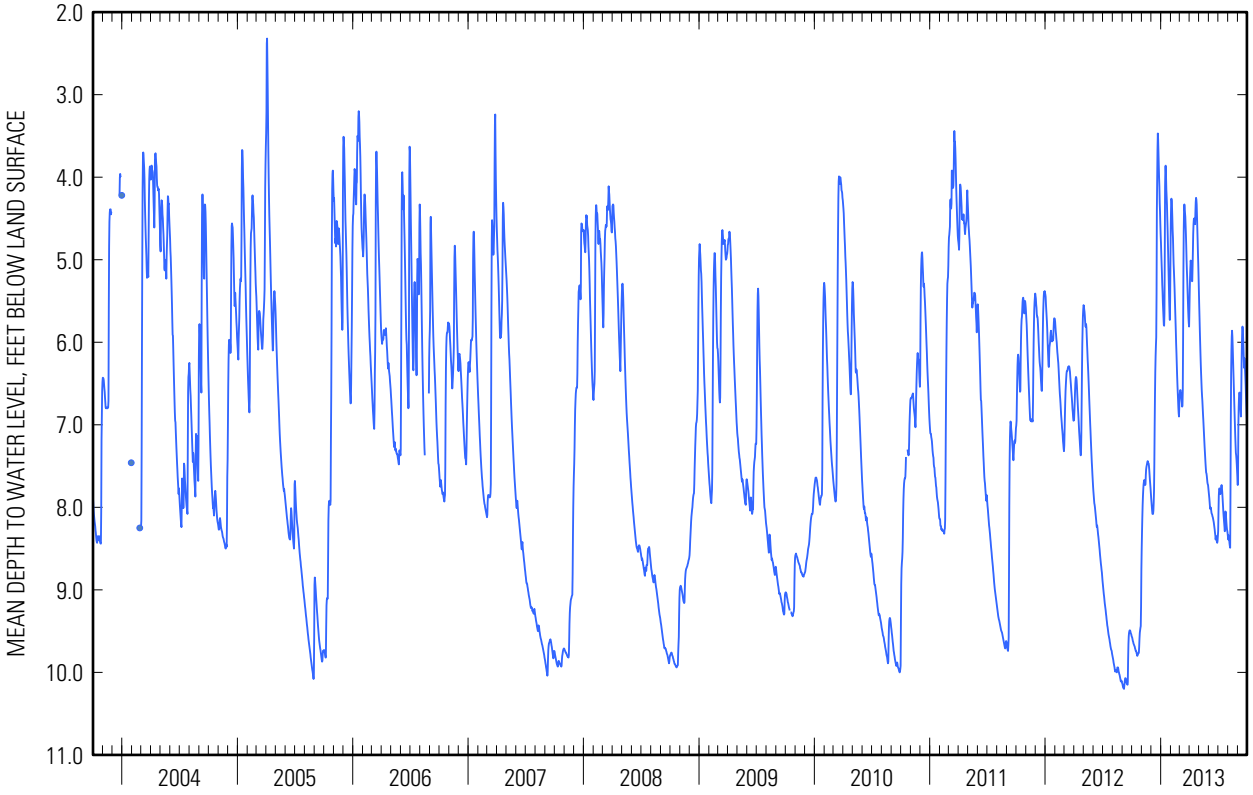
EXTREMES FOR CURRENT YEAR.--Highest water level, 3.45 ft below land surface datum, Dec. 22; lowest water level, 9.80 ft below land surface datum, Oct. 18, 19.



Suggested citation: U.S. Geological Survey, 2014, Water-resources data for the United States, Water Year 2013: U.S. Geological Survey Water-Data Report WDR-US-2013, site 422710076462901, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/422710076462901.2013.pdf

**422710076462901 Local number Sy-706, near Burdett NY—Continued**

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**
**WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**
**DAILY MEAN VALUES**

| Day | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 9.57 | 8.50 | 7.89 | 4.80 | 4.57 | 6.65 | 5.61 | 5.38 | 7.81 | 8.29 | 8.36 | 7.73 |
| 2 | 9.58 | 8.30 | 7.94 | 4.93 | 4.36 | 6.60 | 5.38 | 5.55 | 7.85 | 8.06 | 8.39 | 7.55 |
| 3 | 9.60 | 8.12 | 7.99 | 5.05 | 4.26 | 6.58 | 5.22 | 5.70 | 7.89 | 7.86 | 8.34 | 6.99 |
| 4 | 9.62 | 7.97 | 8.04 | 5.16 | 4.29 | 6.58 | 5.10 | 5.86 | 7.94 | 7.79 | 8.36 | 6.78 |
| 5 | 9.63 | 7.86 | 8.08 | 5.30 | 4.37 | 6.61 | 5.01 | 6.00 | 7.99 | 7.77 | 8.40 | 6.66 |
| 6 | 9.65 | 7.78 | 8.08 | 5.39 | 4.50 | 6.64 | 5.04 | 6.14 | 8.02 | 7.78 | 8.44 | 6.61 |
| 7 | 9.66 | 7.72 | 8.08 | 5.52 | 4.65 | 6.69 | 5.07 | 6.27 | 8.00 | 7.80 | 8.47 | 6.61 |
| 8 | 9.67 | 7.69 | 8.04 | 5.61 | 4.74 | 6.73 | 5.16 | 6.38 | 8.01 | 7.84 | 8.49 | 6.66 |
| 9 | 9.68 | 7.67 | 7.94 | 5.70 | 4.90 | 6.78 | 5.26 | 6.48 | 8.04 | 7.79 | 7.80 | 6.75 |
| 10 | 9.69 | 7.69 | 7.80 | 5.79 | 5.05 | 6.77 | 5.26 | 6.58 | 8.07 | 7.78 | 6.94 | 6.83 |
| 11 | 9.71 | 7.71 | 7.48 | 5.80 | 5.14 | 6.59 | 5.09 | 6.65 | 8.08 | 7.74 | 6.39 | 6.90 |
| 12 | 9.72 | 7.73 | 7.02 | 5.65 | 5.24 | 5.96 | 4.90 | 6.71 | 8.09 | 7.73 | 6.10 | 6.69 |
| 13 | 9.74 | 7.72 | 6.65 | 4.94 | 5.35 | 5.15 | 4.69 | 6.79 | 8.11 | 7.77 | 5.93 | 6.29 |
| 14 | 9.74 | 7.61 | 6.36 | 4.11 | 5.48 | 4.65 | 4.57 | 6.87 | 8.12 | 7.82 | 5.86 | 6.04 |
| 15 | 9.75 | 7.54 | 6.17 | 3.87 | 5.61 | 4.40 | 4.51 | 6.94 | 8.14 | 7.89 | 5.93 | 5.88 |
| 16 | 9.77 | 7.51 | 6.04 | 3.86 | 5.74 | 4.33 | 4.50 | 7.02 | 8.16 | 7.96 | 6.05 | 5.81 |
| 17 | 9.78 | 7.49 | 5.94 | 3.99 | 5.87 | 4.37 | 4.52 | 7.10 | 8.18 | 8.03 | 6.19 | 5.85 |
| 18 | 9.80 | 7.47 | 5.42 | 4.15 | 6.02 | 4.43 | 4.54 | 7.18 | 8.21 | 8.09 | 6.33 | 5.94 |
| 19 | 9.79 | 7.45 | 4.40 | 4.24 | 6.13 | 4.48 | 4.57 | 7.26 | 8.24 | 8.14 | 6.46 | 6.06 |
| 20 | 9.77 | 7.44 | 4.02 | 4.34 | 6.26 | 4.59 | 4.42 | 7.33 | 8.27 | 8.19 | 6.60 | 6.20 |
| 21 | 9.77 | 7.45 | 3.67 | 4.50 | 6.39 | 4.70 | 4.30 | 7.40 | 8.31 | 8.24 | 6.74 | 6.31 |
| 22 | 9.77 | 7.47 | 3.47 | 4.64 | 6.50 | 4.84 | 4.25 | 7.47 | 8.34 | 8.29 | 6.87 | 6.19 |
| 23 | 9.76 | 7.47 | 3.54 | 4.81 | 6.60 | 5.00 | 4.27 | 7.53 | 8.39 | 8.20 | 7.00 | 6.23 |
| 24 | 9.69 | 7.50 | 3.69 | 4.98 | 6.69 | 5.13 | 4.33 | 7.58 | 8.36 | 8.05 | 7.13 | 6.33 |
| 25 | 9.59 | 7.55 | 3.85 | 5.15 | 6.79 | 5.23 | 4.47 | 7.59 | 8.35 | 8.06 | 7.24 | 6.42 |
| 26 | 9.52 | 7.61 | 4.00 | 5.32 | 6.86 | 5.36 | 4.62 | 7.62 | 8.39 | 8.12 | 7.34 | 6.52 |
| 27 | 9.49 | 7.67 | 4.12 | 5.50 | 6.90 | 5.48 | 4.76 | 7.66 | 8.42 | 8.18 | 7.37 | 6.64 |
| 28 | 9.46 | 7.72 | 4.31 | 5.64 | 6.77 | 5.60 | 4.92 | 7.70 | 8.43 | 8.23 | 7.42 | 6.74 |
| 29 | 9.44 | 7.77 | 4.42 | 5.73 | --- | 5.70 | 5.05 | 7.72 | 8.41 | 8.27 | 7.49 | 6.84 |
| 30 | 9.20 | 7.83 | 4.57 | 5.50 | --- | 5.77 | 5.21 | 7.73 | 8.35 | 8.29 | 7.57 | 6.93 |
| 31 | 8.75 | --- | 4.70 | 5.01 | --- | 5.81 | --- | 7.77 | --- | 8.32 | 7.65 | --- |
| Mean | 9.62 | 7.70 | 5.93 | 5.00 | 5.57 | 5.62 | 4.82 | 6.90 | 8.17 | 8.01 | 7.21 | 6.53 |
| Max | 9.80 | 8.50 | 8.08 | 5.80 | 6.90 | 6.78 | 5.61 | 7.77 | 8.43 | 8.32 | 8.49 | 7.73 |
| Min | 8.75 | 7.44 | 3.47 | 3.86 | 4.26 | 4.33 | 4.25 | 5.38 | 7.81 | 7.73 | 5.86 | 5.81 |

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