Water-Data Report 2013

430056075354102 Local number M-178, near Valley Mills NY

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

Madison County, NY

LOCATION.--Lat 43°00′56″, long 75°35′41″ referenced to North American Datum of 1927, Madison County, NY, Hydrologic Unit 04140202, 5 mi south of Oneida, on Middle Road, at Valley Mills, NY.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 16 ft. Upper casing diameter 6 in. Cased to 16 ft, open end. Elevation of land-surface datum 573.76 ft above NGVD of 1929.

PERIOD OF RECORD.--April 1975 to August 1995, December 1996 to current year. Records for April 1975 to September 1976 are unpublished and available in files of the Geological Survey. April 1975 to May 1986, digital recorder at same site and datum. Weekly observer readings May 1986 to December 1988. Electronic data recorder at same site and datum December 1988 to February 1991. Periodic measurements with chalked tape, February 1991 to August 1995 and October 1996 to February 1997.

REVISED RECORDS.--WDR NY-91-3: 1990 water level; WDR NY-99-3: 1995 water level.

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

REMARKS.--Well drilled April 1974 as a replacement for 430056075354101 (local number M 177), located 10 ft west, which had a period of record from October 1965 to September 1973 (unpublished). Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 2.60 ft below land-surface datum, Mar. 5, 1979; lowest water level measured, 11.19 ft below land-surface datum, Sept. 27, 1995 and Oct. 11-14, 2012.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.05 ft below land surface datum, June 28; lowest water level, 11.19 ft below land surface datum, Oct. 11, 12, 13, 14.

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 430056075354102, accessed at http://wdr.water.usgs.gov/wy2013/pdfs/430056075354102.2013.pdf

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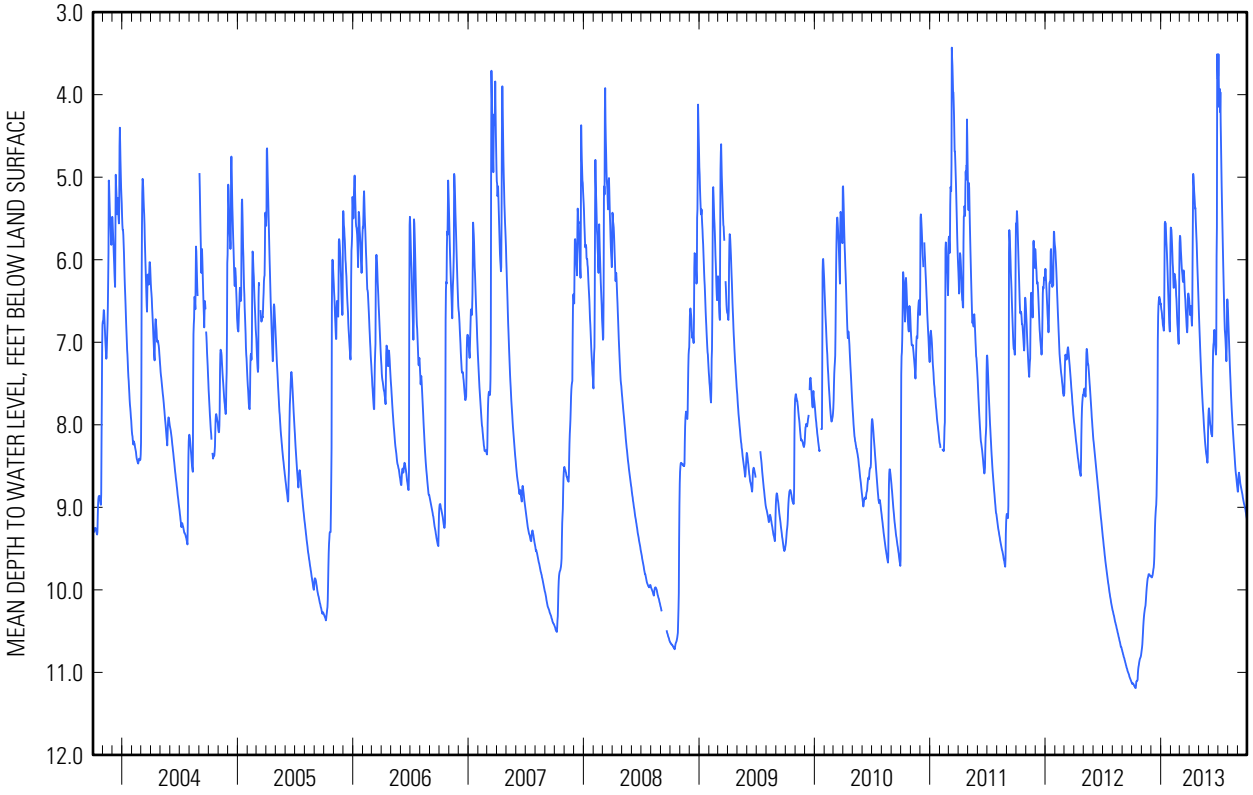
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	11.13	10.73	9.84	6.56	5.61	5.80	6.53	6.64	7.82	3.77	6.60	8.81
2	11.14	10.70	9.84	6.60	5.62	5.71	6.60	6.75	7.80	3.51	6.72	8.81
3	11.13	10.66	9.85	6.62	5.64	5.72	6.67	6.86	7.84	3.83	6.83	8.66
4	11.13	10.59	9.84	6.65	5.72	5.79	6.66	6.96	7.89	4.15	6.94	8.60
5	11.14	10.52	9.83	6.71	5.81	5.89	6.56	7.07	7.95	4.12	7.06	8.58
6	11.14	10.44	9.81	6.73	5.92	5.96	6.63	7.17	8.00	3.93	7.17	8.61
7	11.15	10.38	9.78	6.79	6.04	6.04	6.65	7.26	8.02	4.21	7.28	8.63
8	11.16	10.33	9.75	6.81	6.10	6.11	6.74	7.36	8.06	3.97	7.38	8.67
9	11.17	10.29	9.73	6.83	6.23	6.15	6.80	7.44	8.10	4.34	7.47	8.71
10	11.17	10.26	9.68	6.86	6.34	6.19	6.65	7.53	8.12	4.59	7.57	8.73
11	11.18	10.23	9.59	6.76	6.34	6.25	6.01	7.60	8.12	4.84	7.66	8.75
12	11.19	10.21	9.42	6.16	6.18	6.27	5.50	7.68	8.14	5.09	7.74	8.77
13	11.19	10.19	9.25	5.56	6.17	6.13	4.96	7.75	7.94	5.30	7.82	8.79
14	11.16	10.14	9.14	5.54	6.20	6.13	5.00	7.82	7.33	5.50	7.89	8.81
15	11.11	10.08	9.07	5.56	6.23	6.18	5.09	7.87	7.10	5.69	7.96	8.83
16	11.11	10.02	9.01	5.56	6.26	6.26	5.17	7.94	7.03	5.88	8.03	8.85
17	11.10	9.97	8.97	5.67	6.31	6.36	5.23	8.01	7.00	6.06	8.09	8.88
18	11.10	9.93	8.86	5.78	6.43	6.43	5.30	8.07	6.86	6.23	8.15	8.90
19	11.09	9.89	8.60	5.85	6.48	6.48	5.38	8.12	6.85	6.40	8.21	8.92
20	11.01	9.86	8.33	5.94	6.58	6.57	5.37	8.18	6.90	6.57	8.27	8.94
21	10.96	9.85	7.86	6.05	6.69	6.64	5.51	8.23	6.96	6.72	8.32	8.96
22	10.93	9.83	6.98	6.16	6.78	6.71	5.61	8.27	7.03	6.85	8.38	8.97
23	10.91	9.81	6.69	6.29	6.83	6.79	5.71	8.31	7.11	6.90	8.44	8.99
24	10.88	9.81	6.56	6.41	6.90	6.85	5.80	8.35	7.15	6.96	8.50	9.01
25	10.86	9.81	6.50	6.52	6.97	6.88	5.93	8.37	7.05	7.05	8.55	9.02
26	10.84	9.82	6.46	6.63	7.02	6.80	6.06	8.40	5.96	7.14	8.59	9.05
27	10.83	9.83	6.45	6.76	6.75	6.48	6.17	8.43	5.61	7.23	8.62	9.07
28	10.82	9.83	6.50	6.82	6.13	6.41	6.28	8.46	3.51	7.07	8.66	9.10
29	10.81	9.83	6.48	6.87	---	6.41	6.40	8.40	3.60	6.58	8.70	9.12
30	10.79	9.84	6.54	6.54	---	6.44	6.52	8.08	3.81	6.48	8.74	9.14
31	10.76	---	6.53	5.82	---	6.47	---	7.91	---	6.52	8.77	---
Mean	11.04	10.12	8.44	6.34	6.30	6.30	5.98	7.78	7.02	5.60	7.91	8.86
Max	11.19	10.73	9.85	6.87	7.02	6.88	6.80	8.46	8.14	7.23	8.77	9.14
Min	10.76	9.81	6.45	5.54	5.61	5.71	4.96	6.64	3.51	3.51	6.60	8.58

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