414948074035001 Local number U-1619, at Tillson NY

Sand and gravel aquifers (glaciated regions)
Glacial Delta Deposits

Ulster County, NY

LOCATION.--Lat 41°49′48″, long 74°03′50″ referenced to North American Datum of 1983, Ulster County, NY, Hydrologic Unit 02020007, Grist Mill Road, at Tillson.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 41 ft. Upper casing diameter 2.0 in; top of first opening 32 ft, bottom of last opening 37 ft. Cased to 32 ft (screen, 32 ft to 37 ft). Elevation of land-surface datum is 240 ft above NGVD of 1929, from topographic map.

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

GAGE.--Water-stage recorder--hourly.

REMARKS.--Well was drilled in 2002 as a replacement for 414948074035101 (local number U 405), located about 3 ft west, which had a period of record from October 1964 to July 1965, March 1966 to December 1974, April 1976 to August 1995. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 14.43 ft below land-surface datum, Apr. 13, 2005; lowest water level, 20.76 ft below land-surface datum, Oct. 10, 11, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 15.24 ft below land-surface datum, Aug. 5, 6, 7; lowest water level, 17.91 ft below land-surface datum, Oct. 24, 25.

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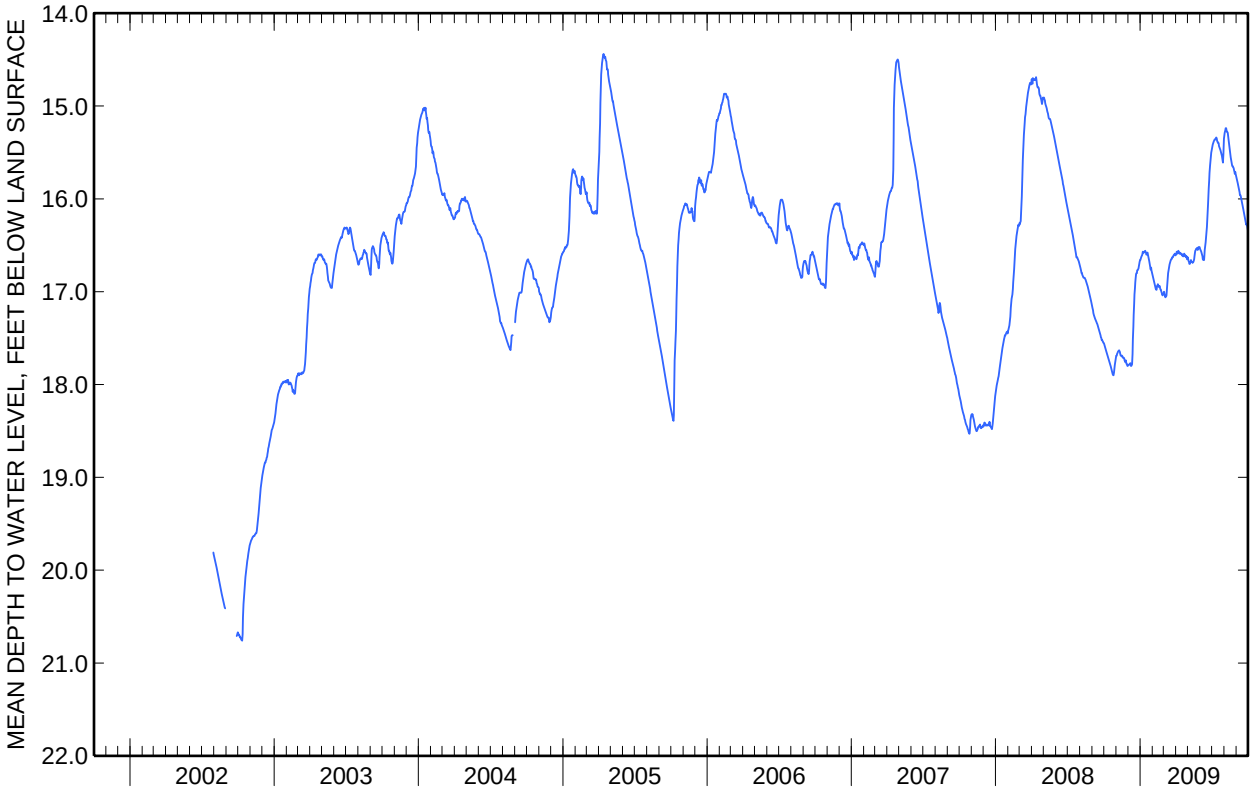
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17.56	17.69	17.79	16.66	16.83	17.01	16.60	16.63	16.54	15.46	15.34	15.77
2	17.57	17.69	17.79	16.64	16.85	17.00	16.59	16.65	16.55	15.44	15.30	15.79
3	17.59	17.67	17.79	16.63	16.86	17.03	16.57	16.67	16.56	15.42	15.28	15.80
4	17.61	17.66	17.78	16.62	16.88	17.04	16.58	16.68	16.57	15.40	15.26	15.82
5	17.62	17.65	17.78	16.61	16.90	17.06	16.59	16.70	16.58	15.39	15.24	15.85
6	17.63	17.64	17.77	16.60	16.92	17.05	16.57	16.70	16.60	15.38	15.24	15.87
7	17.65	17.64	17.77	16.57	16.93	17.05	16.56	16.68	16.62	15.37	15.26	15.89
8	17.66	17.63	17.80	16.57	16.95	17.04	16.57	16.68	16.65	15.36	15.28	15.90
9	17.67	17.64	17.80	16.58	16.97	16.99	16.58	16.66	16.66	15.36	15.28	15.93
10	17.69	17.65	17.79	16.58	16.98	16.92	16.59	16.68	16.66	15.36	15.29	15.96
11	17.71	17.67	17.78	16.57	16.98	16.85	16.58	16.68	16.66	15.35	15.32	15.96
12	17.72	17.69	17.67	16.57	16.94	16.82	16.59	16.68	16.61	15.34	15.36	15.97
13	17.74	17.69	17.51	16.56	16.94	16.78	16.59	16.69	16.55	15.35	15.40	15.99
14	17.75	17.69	17.38	16.57	16.92	16.74	16.59	16.68	16.51	15.37	15.43	16.02
15	17.76	17.69	17.25	16.58	16.93	16.72	16.59	16.68	16.47	15.39	15.47	16.04
16	17.77	17.69	17.13	16.60	16.94	16.71	16.61	16.67	16.43	15.39	15.50	16.07
17	17.79	17.71	17.03	16.60	16.95	16.69	16.61	16.65	16.39	15.40	15.53	16.08
18	17.81	17.71	16.96	16.58	16.94	16.67	16.60	16.62	16.33	15.40	15.56	16.10
19	17.83	17.71	16.90	16.58	16.94	16.66	16.62	16.58	16.25	15.43	15.59	16.13
20	17.84	17.71	16.86	16.60	16.96	16.65	16.62	16.56	16.17	15.45	15.62	16.15
21	17.85	17.72	16.81	16.62	16.98	16.65	16.60	16.55	16.08	15.46	15.64	16.17
22	17.87	17.74	16.80	16.64	16.98	16.63	16.59	16.54	15.98	15.47	15.65	16.19
23	17.89	17.75	16.80	16.66	17.00	16.63	16.61	16.54	15.89	15.48	15.65	16.21
24	17.90	17.76	16.77	16.69	17.01	16.63	16.62	16.53	15.80	15.49	15.66	16.23
25	17.90	17.74	16.77	16.71	17.03	16.62	16.61	16.54	15.72	15.51	15.67	16.26
26	17.87	17.76	16.76	16.74	17.04	16.61	16.62	16.55	15.65	15.54	15.69	16.28
27	17.84	17.78	16.75	16.76	17.03	16.61	16.63	16.53	15.60	15.56	15.71	16.27
28	17.79	17.78	16.73	16.74	17.03	16.60	16.62	16.52	15.55	15.59	15.73	16.29
29	17.77	17.80	16.70	16.77	---	16.59	16.65	16.52	15.52	15.61	15.71	16.31
30	17.74	17.80	16.68	16.79	---	16.60	16.65	16.52	15.49	15.51	15.73	16.34
31	17.71	---	16.66	16.81	---	16.61	---	16.52	---	15.39	15.75	---
Mean	17.75	17.70	17.24	16.64	16.95	16.78	16.60	16.62	16.25	15.43	15.49	16.05
Max	17.90	17.80	17.80	16.81	17.04	17.06	16.65	16.70	16.66	15.61	15.75	16.34
Min	17.56	17.63	16.66	16.56	16.83	16.59	16.56	16.52	15.49	15.34	15.24	15.77

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