Water-Data Report 2006

425448076350002 Local number Cy-223, at Auburn NY

New York Clastic-rock Aquifers
Hamilton Group

Cayuga County, NY

LOCATION.--Lat 42°54′48″, long 76°35′00″ referenced to North American Datum of 1983, Cayuga County, NY, Hydrologic Unit 04140201, 0.5 mi north of intersection of Dunning and Koon road near Auburn.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 44 ft. Upper casing diameter 4 in; top of first opening 19 ft, bottom of last opening 44 ft. Cased to 19 ft, open hole. Elevation of land-surface datum is 679.12 ft above NGVD of 1988.

PERIOD OF RECORD.--October 2004 to current year.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 11.84 ft below land-surface datum, Apr 3, 2005; lowest, 18.71 ft below land-surface datum, Aug 29, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 12.65 ft below land surface datum, Jan 1, 2; lowest water level, 17.70 ft below land surface datum, Oct 2.

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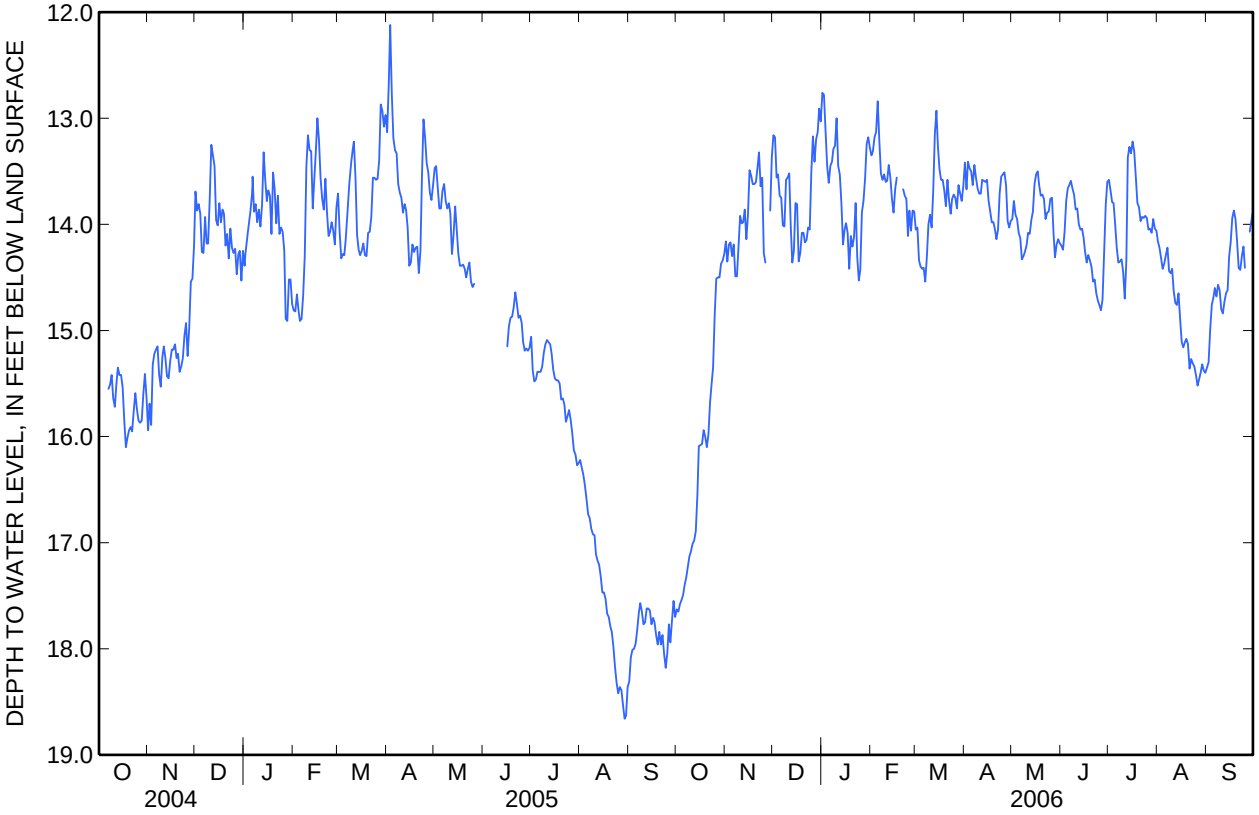
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	17.63	14.16	13.16	12.76	13.35	14.05	13.42	13.95	14.20	13.58	14.16	15.35
2	17.65	14.35	13.18	12.78	13.31	14.03	13.67	13.78	14.24	13.68	14.22	15.30
3	17.58	14.19	13.56	13.12	13.18	14.34	13.41	13.91	14.07	13.79	14.32	14.99
4	17.54	14.17	13.53	13.45	13.13	14.40	13.47	13.95	13.78	13.80	14.42	14.76
5	17.49	14.30	13.73	13.61	12.84	14.42	13.50	14.08	13.66	14.00	14.37	14.69
6	17.40	14.19	13.75	13.45	13.21	14.41	13.63	14.13	13.63	14.22	14.29	14.60
7	17.33	14.49	14.01	13.41	13.52	14.54	13.44	14.33	13.59	14.36	14.22	14.68
8	17.23	14.49	14.02	13.29	13.58	14.31	13.56	14.30	13.66	14.35	14.44	14.57
9	17.13	14.21	13.58	13.26	13.53	14.00	13.66	14.26	13.72	14.33	14.46	14.62
10	17.08	13.92	13.56	13.00	13.60	13.91	13.71	14.20	13.86	14.45	14.42	14.80
11	17.01	13.99	13.52	13.45	13.59	14.03	13.71	14.08	13.85	14.70	14.63	14.84
12	16.98	13.98	14.00	13.53	13.44	13.68	13.58	14.09	14.00	14.34	14.74	14.73
13	16.89	13.86	14.36	13.80	13.56	13.15	13.59	13.96	14.05	13.37	14.76	14.65
14	16.55	14.14	14.25	14.19	13.76	12.93	13.60	13.88	14.04	13.27	14.65	14.62
15	16.09	13.91	13.80	14.05	13.89	13.26	13.58	13.62	14.13	13.33	14.89	14.31
16	16.08	13.49	13.81	13.99	13.67	13.48	13.78	13.53	14.26	13.22	15.11	14.17
17	16.07	13.54	14.35	14.08	13.56	13.58	13.88	13.50	14.36	13.31	15.16	13.94
18	15.94	13.62	14.27	14.42	---	13.58	13.98	13.63	14.29	13.55	15.11	13.87
19	16.00	13.62	14.08	14.11	---	13.68	13.98	13.73	14.34	13.80	15.08	13.95
20	16.10	13.60	14.08	14.21	---	13.83	14.05	13.72	14.40	13.84	15.13	14.16
21	15.98	13.46	14.17	14.12	13.67	13.58	14.14	13.76	14.54	13.97	15.36	14.41
22	15.68	13.32	14.15	13.80	13.73	13.78	14.05	13.95	14.52	13.93	15.27	14.43
23	15.50	13.64	14.03	14.31	13.76	13.90	13.71	13.89	14.65	13.94	15.31	14.30
24	15.35	13.56	14.05	14.53	14.11	13.76	13.55	13.88	14.72	13.92	15.34	14.21
25	14.86	14.27	13.51	14.43	13.87	13.72	13.53	13.76	14.76	13.94	15.42	14.41
26	14.51	14.36	13.17	13.89	14.06	13.75	13.51	13.75	14.81	14.05	15.52	---
27	14.50	---	13.41	13.78	13.87	13.85	13.63	14.09	14.71	14.04	15.46	---
28	14.50	---	13.20	13.57	13.88	13.63	13.97	14.31	14.27	14.08	15.40	14.07
29	14.37	13.87	13.13	13.24	---	13.71	14.03	14.19	13.82	13.95	15.32	13.97
30	14.34	13.37	12.91	13.18	---	13.78	13.97	14.14	13.60	14.04	15.38	13.88
31	14.28	---	13.03	13.28	---	13.64	---	14.18	---	14.06	15.40	---
Mean	16.18	---	13.72	13.68	---	13.83	13.71	13.95	14.15	13.91	14.90	---
Max	17.65	---	14.36	14.53	---	14.54	14.14	14.33	14.81	14.70	15.52	---
Min	14.28	---	12.91	12.76	---	12.93	13.41	13.50	13.59	13.22	14.16	---

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