Water-Data Report 2006

420530078445201 Local number Ct-121, near Red House NY

Sand and gravel aquifers (glaciated regions)
Sand and Gravel

Cattaraugus County, NY

LOCATION.--Lat 42°05′30″, long 78°44′52″ referenced to North American Datum of 1927, Cattaraugus County, NY, Hydrologic Unit 05010001, near Red House.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 52.8 ft. Upper casing diameter 6 in; top of first opening 52.8. Cased to 52.8 ft, open end. Elevation of land-surface datum is 1467.08 ft above NGVD of 1929.

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

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

REMARKS.--Well is in a New York State owned and operated campground area. Extreme low water levels occurred from 1969 to 1979 due to the effect of pumping at the campground area. A central water system for the campground, utilizing a well about 1.5 mi from the observation well was put in operation in 1980. Satellite water-level telemeter at station.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.97 ft below land-surface datum, June 26, 1989; lowest measured, 34.87 ft below land-surface datum, Nov. 21, 1972 due to nearby pumping.

EXTREMES FOR CURRENT YEAR.--Highest water level, 5.37 ft below land surface datum, Feb 4, 5; lowest water level, 9.68 ft below land surface datum, Oct 1, 2, 20.

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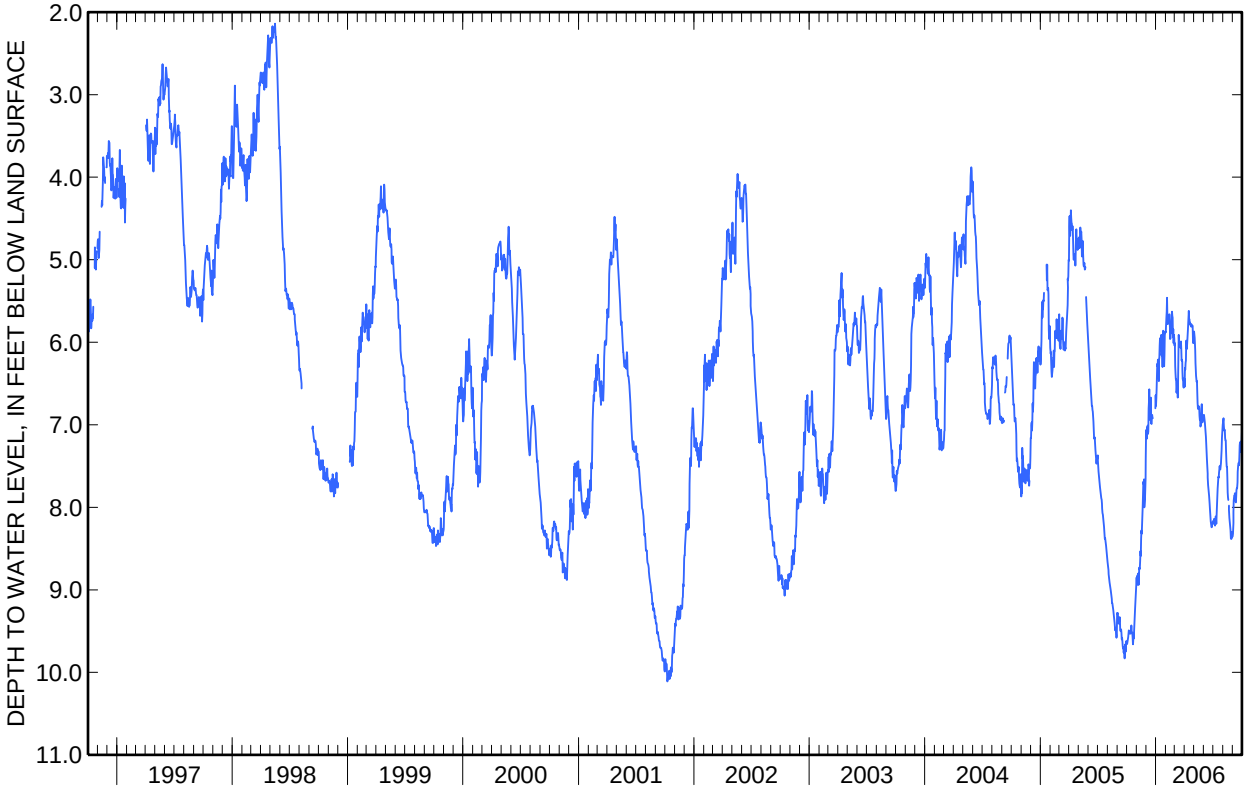
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	9.65	8.85	7.19	6.77	5.88	6.04	6.44	5.97	6.88	8.19	7.00	8.34
2	9.65	8.94	7.06	6.68	5.79	6.01	6.54	5.87	6.88	8.16	6.95	8.31
3	9.62	8.86	7.17	6.56	5.70	6.29	6.31	5.92	6.90	8.20	6.92	8.06
4	9.60	8.82	7.03	6.40	5.63	6.38	6.33	5.97	6.95	8.14	7.01	8.00
5	9.58	8.87	7.07	6.26	5.46	6.45	6.25	6.04	7.01	8.15	7.07	7.91
6	9.53	8.80	7.01	6.29	5.68	6.45	6.22	6.17	7.06	8.19	7.06	7.86
7	9.49	8.94	7.11	6.21	5.78	6.61	5.98	6.31	7.07	8.22	7.06	7.86
8	9.50	8.89	7.08	6.24	5.77	6.58	6.07	6.39	7.12	8.17	7.16	7.83
9	9.52	8.73	6.80	6.30	5.75	6.49	6.08	6.45	7.18	8.11	7.19	7.84
10	9.53	8.75	6.72	6.47	5.74	6.51	6.01	6.48	7.26	8.13	7.19	7.92
11	9.53	8.73	6.57	6.21	5.73	6.67	5.95	6.47	7.35	8.20	7.33	7.94
12	9.53	8.65	6.76	6.18	5.66	6.47	5.84	6.61	7.47	8.08	7.44	7.88
13	9.53	8.53	6.94	6.04	5.72	6.18	5.82	6.74	7.54	7.98	7.51	7.79
14	9.50	8.59	6.91	5.95	5.82	5.91	5.66	6.80	7.59	7.89	7.51	7.77
15	9.43	8.38	6.69	6.10	5.96	6.01	5.62	6.81	7.69	7.80	7.64	7.77
16	9.50	8.28	6.67	6.03	5.95	6.05	5.72	6.77	7.78	7.75	7.82	7.70
17	9.51	8.32	6.98	5.96	5.86	6.04	5.72	6.79	7.81	7.65	7.88	7.58
18	9.52	8.21	6.99	5.91	5.89	6.01	5.78	6.79	7.85	7.63	7.91	7.50
19	9.58	8.09	6.89	6.16	5.84	6.00	5.76	6.89	7.86	7.64	---	7.47
20	9.66	8.00	6.88	6.10	5.67	6.07	5.79	6.94	7.95	7.58	7.98	7.46
21	9.64	7.81	6.91	6.13	5.63	5.99	5.80	6.93	8.03	7.54	8.11	7.49
22	9.53	7.69	6.92	6.30	5.68	6.08	5.81	7.02	8.07	7.50	8.16	7.39
23	9.59	7.72	---	6.01	5.70	6.22	5.78	7.00	8.14	7.54	8.20	7.25
24	9.55	7.66	---	5.86	5.94	6.21	5.80	6.93	8.18	7.54	8.24	7.21
25	9.36	8.00	---	5.95	5.84	6.23	5.81	6.81	8.22	7.51	8.30	7.29
26	9.31	7.97	---	6.27	6.01	6.34	5.80	6.75	8.24	7.44	8.38	7.33
27	9.26	7.93	---	6.29	5.91	6.45	5.80	6.91	8.24	7.41	8.37	7.25
28	9.18	7.79	---	6.15	5.95	6.44	5.97	6.97	8.20	7.31	8.38	7.20
29	9.09	7.48	---	5.91	---	6.52	6.01	6.92	8.18	7.19	8.30	7.20
30	9.02	7.40	6.80	5.89	---	6.55	5.98	6.90	8.19	7.07	8.32	7.09
31	8.94	---	6.64	5.87	---	6.47	---	6.90	---	7.02	8.36	---
Mean	9.47	8.32	---	6.18	5.78	6.28	5.95	6.62	7.63	7.77	---	7.65
Max	9.66	8.94	---	6.77	6.01	6.67	6.54	7.02	8.24	8.22	---	8.34
Min	8.94	7.40	---	5.86	5.46	5.91	5.62	5.87	6.88	7.02	---	7.09

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