

TIOGA COUNTY

414513077333701. Local number, TI 100.

LOCATION--Lat 41°45'13", long 77°33'37", Hydrologic Unit 02050205, at State Game Land No. 208, and at Gaines.

Owner: U.S. Geological Survey.

AQUIFER--Catskill Formation, Late Devonian age.

WELL CHARACTERISTICS--Drilled observation well, diameter 6 in., depth 77 ft, cased to 67 ft, open hole.

INSTRUMENTATION--Electronic data logger with 60-minute recording interval.

DATUM--Elevation of land surface is 1,310 ft above sea level, from topographic map. Measuring point: Top of casing, 4.0 ft above land-surface datum.

REMARKS--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since July 1999, are also available from the District Office.

PERIOD OF RECORD--July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above.

Highest water level, 28.95 ft below land-surface datum, July 13, 1998; lowest, 35.88 ft below land-surface datum, Oct. 11, 1988.

**DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
MAXIMUM VALUES**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	32.00	32.74	31.66	31.58	31.73	30.54	30.78	30.35	30.28	30.54	31.32	31.90
2	32.02	32.68	31.55	31.54	31.88	30.52	30.66	30.42	30.28	30.46	31.29	31.88
3	32.02	32.65	31.57	31.46	31.84	30.51	30.63	30.56	30.42	30.42	31.35	31.90
4	31.98	32.72	31.58	31.37	31.85	30.52	30.44	30.47	30.40	30.52	31.41	32.07
5	32.02	32.77	31.54	31.56	31.96	30.65	30.41	30.47	30.41	30.57	31.38	32.13
6	32.10	32.66	31.48	31.55	32.07	30.76	30.33	30.47	30.30	30.64	31.33	32.17
7	32.20	32.73	31.64	31.36	32.08	30.74	30.49	30.46	30.49	30.81	31.34	32.12
8	32.18	32.76	31.65	31.32	32.25	30.62	30.34	30.61	30.39	30.77	31.34	32.04
9	32.28	32.75	31.58	31.20	32.08	30.60	30.22	30.44	30.44	30.75	31.33	32.12
10	32.26	32.71	31.52	31.13	32.00	30.80	30.43	30.53	30.60	30.74	31.46	32.19
11	32.33	32.97	31.74	31.23	32.07	30.80	30.43	30.68	30.56	30.84	31.41	32.22
12	32.43	32.97	31.66	31.45	32.19	30.75	30.50	30.59	30.44	30.94	31.39	32.19
13	32.24	32.87	31.70	31.36	32.11	30.88	30.50	30.70	30.24	30.96	31.43	32.20
14	32.20	32.94	31.70	31.54	32.00	30.83	30.35	30.79	29.99	30.93	31.50	32.15
15	32.23	33.05	31.44	31.37	32.10	30.71	30.32	30.81	29.88	30.98	31.54	32.14
16	32.09	33.07	31.14	31.30	31.97	30.64	30.32	30.87	29.93	31.09	31.49	32.30
17	32.03	33.19	31.16	31.47	31.99	30.72	30.38	30.89	29.98	31.19	31.58	32.31
18	32.18	33.23	31.18	31.36	31.90	30.74	30.34	30.80	30.01	31.21	31.52	32.36
19	32.31	33.19	31.17	31.19	31.70	30.59	30.30	30.66	30.07	31.24	31.67	32.30
20	32.19	33.21	31.12	31.27	31.77	30.57	30.27	30.53	30.00	31.26	31.74	32.32
21	32.23	33.32	31.12	31.42	31.82	30.61	30.16	30.45	30.00	31.25	31.78	32.40
22	32.10	33.36	31.09	31.48	31.80	30.57	30.11	30.35	29.96	31.35	31.70	32.49
23	32.30	33.38	31.06	31.44	31.69	30.46	30.05	30.21	30.06	31.34	31.62	32.38
24	32.44	33.43	31.16	31.56	31.56	30.42	30.06	30.06	30.19	31.37	31.62	32.43
25	32.50	33.50	31.18	31.49	31.26	30.21	30.10	30.08	30.19	31.38	31.70	32.50
26	32.48	33.42	31.07	31.62	31.06	30.18	30.13	30.14	30.20	31.51	31.78	32.53
27	32.66	32.41	31.16	31.72	30.81	30.18	30.15	30.18	30.30	31.52	31.81	32.53
28	32.60	31.88	31.18	31.82	30.61	30.24	30.17	30.06	30.30	31.48	31.82	32.56
29	32.58	31.82	31.29	31.78	30.58	30.55	30.13	30.16	30.20	31.34	31.85	32.57
30	32.72	31.72	31.31	31.72	---	30.67	30.34	30.37	30.46	31.31	31.92	32.58
31	32.64	---	31.41	31.60	---	30.68	---	30.29	---	31.32	31.90	---
MEAN	32.28	32.87	31.38	31.46	31.75	30.59	30.33	30.47	30.23	31.03	31.56	32.27
MAX	32.72	33.50	31.74	31.82	32.25	30.88	30.78	30.89	30.60	31.52	31.92	32.58
MIN	31.98	31.72	31.06	31.13	30.58	30.18	30.05	30.06	29.88	30.42	31.29	31.88

WTR YR 2000: HIGHEST 29.88, JUNE 15; LOWEST 33.50, NOVEMBER 25.

