

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 5 in., depth 77 ft, cased to 67 ft, open hole.

INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land surface is 1,310 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 4.00 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 USGS Pennsylvania Water Science Center.

PERIOD OF RECORD.--July 1972 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 28.57 ft below land-surface datum, Apr. 3, 2005; lowest, 35.88 ft below land-surface datum, Oct. 11, 1988.

EXTREMES FOR CURRENT YEAR.--Highest water level, 28.57 ft below land-surface datum, Apr. 3; lowest, 31.76 ft below land-surface datum, Aug. 25.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29.56	30.63	29.63	29.77	29.69	29.36	29.29	30.08	30.96	30.88	31.57	30.83
2	29.57	30.63	29.53	29.80	29.68	29.66	29.17	30.07	30.88	31.08	31.36	30.70
3	29.67	30.33	29.55	29.78	29.66	29.77	28.75	30.10	30.82	31.21	31.39	30.72
4	29.70	30.31	29.58	29.64	29.80	29.78	29.04	30.21	30.77	31.18	31.37	30.77
5	29.86	30.11	29.69	29.56	29.93	29.82	29.11	30.24	30.88	31.13	31.40	30.83
6	29.89	30.12	29.71	29.43	29.99	29.80	29.11	30.14	31.06	31.09	31.51	30.78
7	29.95	30.21	29.71	29.62	29.96	29.76	29.05	30.08	31.04	31.15	31.49	30.73
8	29.97	30.34	29.81	29.61	29.77	29.68	29.18	30.19	30.90	31.11	31.50	30.70
9	29.87	30.40	29.83	29.59	29.75	29.70	29.27	30.30	30.91	31.01	31.50	30.77
10	30.05	30.40	29.64	29.47	29.53	29.65	29.24	30.24	30.90	31.09	31.43	30.87
11	30.04	30.29	29.37	29.43	29.53	29.57	29.29	30.25	30.78	31.15	31.48	30.93
12	29.97	30.39	29.45	29.43	29.47	29.59	29.33	30.46	30.67	31.08	31.48	30.92
13	29.96	30.45	29.51	29.34	29.71	29.84	29.28	30.47	30.65	31.08	31.49	30.92
14	29.94	30.50	29.72	29.12	29.69	29.84	29.45	30.35	30.60	30.99	31.56	30.97
15	29.94	30.49	29.76	29.17	29.58	29.90	29.55	30.43	30.70	30.96	31.63	31.10
16	30.05	30.35	29.71	29.15	29.48	29.89	29.69	30.48	30.59	31.04	31.55	31.10
17	30.27	30.36	29.71	29.16	29.38	29.83	29.50	30.55	30.67	31.10	31.56	31.09
18	30.49	30.30	29.69	29.23	29.46	29.90	29.50	30.58	30.76	31.10	31.60	31.20
19	30.29	30.35	29.62	29.23	29.55	29.93	29.53	30.68	30.86	31.01	31.67	31.28
20	30.14	30.37	29.65	29.28	29.62	29.82	29.50	30.72	30.99	31.11	31.55	31.21
21	30.10	30.45	29.79	29.38	29.42	29.76	29.61	30.59	30.80	31.11	31.60	31.27
22	30.11	30.44	29.84	29.38	29.48	29.76	29.63	30.50	30.77	31.11	31.68	31.25
23	30.05	30.35	29.79	29.53	29.60	29.75	29.49	30.51	30.86	31.24	31.67	31.35
24	30.09	30.35	29.66	29.56	29.60	29.64	29.53	30.62	30.90	31.22	31.72	31.45
25	30.18	30.26	29.62	29.38	29.55	29.69	29.72	30.66	30.96	31.13	31.76	31.42
26	30.21	30.26	29.60	29.66	29.61	29.70	29.85	30.64	30.94	31.17	31.71	31.41
27	30.21	30.23	29.66	29.73	29.82	29.61	29.81	30.67	30.98	31.17	31.64	31.40
28	30.37	30.05	29.65	29.74	29.63	29.51	29.89	30.72	30.96	31.26	31.70	31.42
29	30.38	29.92	29.60	29.72	---	29.25	29.95	30.79	30.88	31.27	31.75	31.39
30	30.13	29.88	29.74	29.63	---	29.35	29.93	30.86	30.92	31.29	31.71	31.41
31	30.17	---	29.70	29.68	---	29.27	---	30.88	---	31.28	31.49	---
MEAN	30.04	30.32	29.66	29.49	29.64	29.69	29.44	30.45	30.85	31.12	31.57	31.07
MAX	30.49	30.63	29.84	29.80	29.99	29.93	29.95	30.88	31.06	31.29	31.76	31.45
MIN	29.56	29.88	29.37	29.12	29.38	29.25	28.75	30.07	30.59	30.88	31.36	30.70

