

MERCER COUNTY

412350080223701. Local number, MR 1364.

LOCATION.--Lat 41°23'50", long 80°22'37", Hydrologic Unit 05030102, at Greenville.

Owner: Borough of Greenville.

AQUIFER.--Sandstone of Cussewago Formation of Early Mississippian age.

WELL CHARACTERISTICS.--Drilled artesian well, diameter 6 in., depth 235 ft, cased to 41 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder. Electronic data logger with 5-minute recording interval since Dec. 1, 2004.

DATUM.--Elevation of land-surface datum is 965 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood cover, 2.26 ft above land-surface datum.

REMARKS.--Water levels after Sept. 25, 1998 affected by Pymatuning earthquake (magnitude 5.2). Water levels affected by intermittent pumping.

PERIOD OF RECORD.--March 1964 to September 2005. (Discontinued)

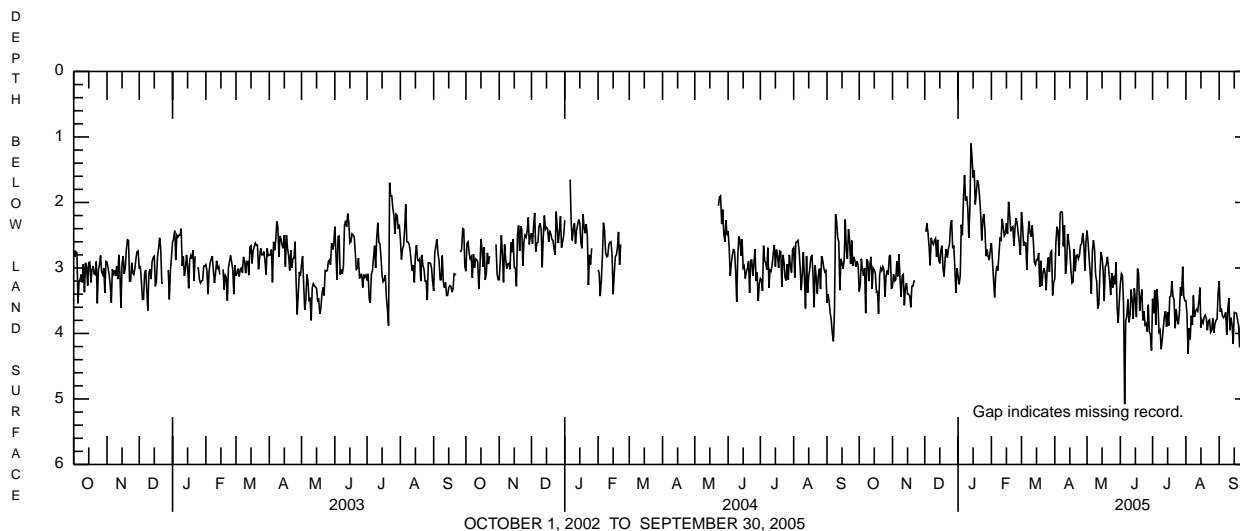
EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 0.25 ft below land-surface datum, Apr. 17, 1998; lowest, 8.31 ft below land-surface datum, Feb. 12, 1967.

EXTREMES FOR CURRENT YEAR.--Highest water level, 0.80 ft below land-surface datum, Jan. 13; lowest, 5.08 ft below land-surface datum, June 5.

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	3.36	3.27	---	3.12	2.62	2.15	3.17	2.43	3.24	3.47	3.50	3.20
2	3.26	3.10	2.45	3.25	2.88	2.35	2.62	2.61	3.09	3.69	3.70	3.67
3	2.86	3.20	2.32	3.12	3.18	2.66	2.37	2.86	3.12	3.34	4.31	3.62
4	3.02	3.18	2.46	2.34	3.45	2.61	2.43	3.10	3.57	3.87	3.92	3.73
5	3.12	2.90	2.67	2.50	3.11	2.62	2.81	3.39	5.08	3.32	4.09	3.76
6	3.00	3.13	2.96	1.94	2.97	3.03	2.16	2.74	3.81	3.53	3.73	3.73
7	3.69	2.79	2.54	1.58	3.04	2.51	2.14	2.58	3.74	3.98	3.87	3.68
8	2.87	3.18	2.61	1.97	2.80	2.29	2.15	2.72	3.48	3.95	3.42	4.02
9	2.90	3.44	2.64	1.91	2.55	2.46	2.67	3.11	3.83	4.24	3.75	3.63
10	3.20	3.12	2.58	2.08	2.57	2.52	2.35	3.20	3.72	4.10	3.66	3.46
11	2.93	3.10	2.55	2.54	2.25	2.35	3.09	3.62	3.33	3.91	3.63	3.95
12	2.83	3.57	2.83	2.09	2.37	2.58	2.92	3.55	3.49	3.74	3.66	3.76
13	3.32	3.30	2.57	1.10	2.51	2.91	2.48	3.08	3.78	3.66	3.52	3.87
14	3.00	3.23	2.88	1.31	2.48	2.95	2.60	2.76	3.31	3.90	3.30	4.16
15	3.03	3.40	2.93	1.62	2.32	2.87	2.74	2.84	3.47	3.68	3.91	3.68
16	3.08	3.40	2.73	1.51	2.48	2.88	3.03	3.04	3.75	3.88	3.80	3.69
17	3.37	3.43	2.66	2.03	1.99	2.77	3.23	3.50	3.01	3.44	3.84	3.69
18	3.36	3.60	3.01	1.84	2.18	3.29	3.21	2.98	3.09	3.43	3.75	3.78
19	3.70	3.28	3.13	1.66	2.44	2.89	2.71	2.95	3.65	3.20	3.72	3.88
20	3.11	3.28	2.84	1.72	2.39	3.27	3.05	2.83	3.47	3.43	3.77	4.21
21	3.00	3.20	2.71	1.91	2.37	3.08	2.81	2.99	3.33	3.49	3.95	3.85
22	3.04	3.20	2.84	2.16	2.66	3.00	2.80	3.18	3.80	3.92	3.81	3.77
23	2.98	---	2.71	2.58	2.38	3.08	2.86	3.41	3.66	3.63	3.79	3.72
24	3.03	---	2.64	2.26	2.24	3.34	2.80	3.08	3.87	3.79	3.98	3.64
25	3.44	---	2.35	2.18	2.32	2.98	2.65	3.30	3.85	3.86	3.95	3.77
26	3.12	---	2.27	2.42	2.48	2.84	2.63	3.12	3.97	3.67	3.77	3.95
27	3.04	---	2.70	2.82	2.62	3.06	2.47	3.25	3.56	3.29	3.99	3.26
28	3.10	---	2.66	2.72	2.80	2.76	2.62	2.91	3.98	3.42	3.86	3.12
29	2.82	---	3.00	2.83	---	2.74	3.04	3.61	4.01	2.98	3.80	2.96
30	2.81	---	3.38	2.88	---	3.42	2.60	3.84	4.26	3.43	3.78	2.95
31	3.32	---	3.00	2.72	---	3.22	---	3.51	---	3.50	3.38	---
MEAN	3.12	3.24	2.72	2.22	2.59	2.82	2.71	3.10	3.64	3.64	3.77	3.67
MAX	3.70	3.60	3.38	3.25	3.45	3.42	3.23	3.84	5.08	4.24	4.31	4.21
MIN	2.81	2.79	2.27	1.10	1.99	2.15	2.14	2.43	3.01	2.98	3.30	2.95



OCTOBER 1, 2002 TO SEPTEMBER 30, 2005