

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.

DATUM.--Elevation of land-surface datum is 965 ft above sea level, 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.

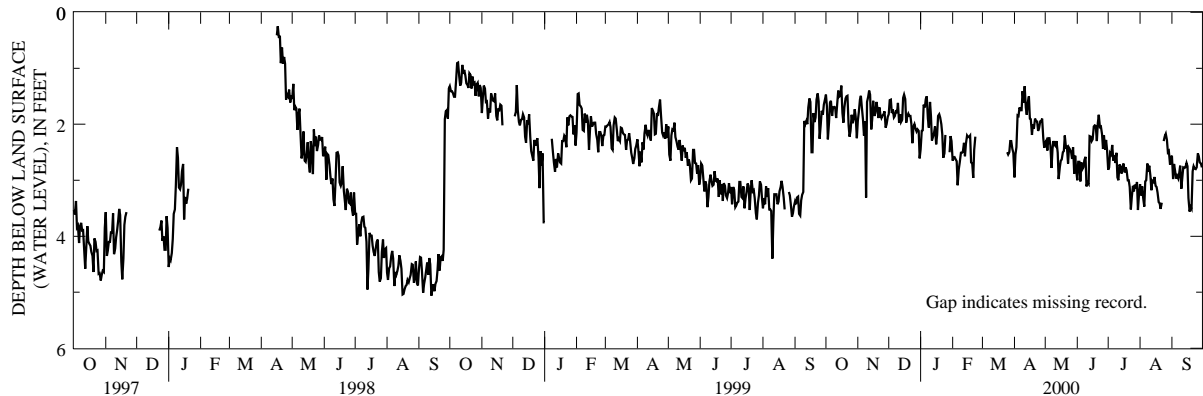
PERIOD OF RECORD.--March 1964 to current year.

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

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	1.47	1.94	1.82	2.45	2.65	---	2.95	2.33	3.00	2.81	3.07	2.56
2	1.68	1.79	1.57	2.12	2.60	---	2.54	2.29	2.67	2.77	3.27	2.98
3	2.27	1.56	1.56	2.11	2.59	---	2.41	2.47	2.67	2.51	3.11	2.71
4	1.97	1.49	1.80	1.65	2.63	---	1.84	2.25	3.02	2.54	3.31	2.82
5	1.62	1.70	1.73	1.70	2.66	---	1.85	2.25	2.68	2.37	3.47	2.97
6	1.58	1.92	1.88	1.55	3.09	---	1.70	2.38	2.80	2.65	3.02	2.92
7	1.85	2.20	1.85	1.50	2.80	---	1.75	2.78	2.77	2.55	3.00	2.97
8	1.70	1.95	1.75	1.90	2.68	---	1.75	2.44	2.64	2.69	2.70	2.87
9	1.69	3.31	1.80	2.06	2.51	---	1.41	2.30	2.58	2.51	2.85	2.74
10	1.70	1.60	1.62	1.60	2.51	---	1.62	2.37	3.11	2.95	2.74	3.15
11	1.89	1.51	1.97	1.85	2.49	---	1.32	2.39	3.04	3.00	2.92	2.96
12	1.62	1.40	1.82	2.29	2.33	---	1.70	2.30	3.07	2.72	3.18	2.77
13	1.40	1.47	1.96	2.22	2.57	---	1.83	2.51	2.21	2.76	3.01	2.78
14	1.51	2.09	1.92	2.15	2.35	---	1.62	2.98	2.22	2.88	3.03	2.77
15	1.49	1.91	1.53	2.04	2.20	---	1.50	2.77	2.30	2.75	2.94	2.69
16	1.31	1.58	1.47	2.36	2.23	---	1.90	2.65	2.27	2.70	3.10	2.75
17	1.80	1.85	1.55	2.19	2.23	---	1.91	2.63	2.04	2.86	3.12	3.32
18	1.97	1.80	1.97	1.85	2.20	---	2.19	2.50	2.02	2.77	3.22	3.56
19	1.70	1.60	1.85	1.82	2.68	---	2.00	2.48	2.03	2.82	3.39	3.48
20	1.54	1.71	1.81	1.88	2.70	---	2.08	2.20	2.30	3.00	3.41	3.51
21	1.50	1.89	1.85	2.00	2.96	---	1.90	2.41	1.98	3.00	3.51	2.84
22	1.49	1.70	1.85	2.18	2.46	---	1.94	2.40	1.83	3.12	3.40	2.75
23	2.02	1.84	2.00	2.60	2.22	---	1.95	2.70	2.05	3.52	---	2.79
24	2.22	1.89	2.34	2.52	---	---	2.12	2.42	2.04	3.30	2.30	2.80
25	2.12	1.84	2.04	2.19	---	2.50	2.07	2.45	2.18	3.10	2.21	2.77
26	1.83	1.82	2.00	---	---	2.54	1.95	2.50	2.44	3.20	2.17	2.52
27	1.98	1.77	2.07	---	---	2.50	1.95	2.62	2.20	3.08	2.28	2.57
28	1.90	2.06	2.13	---	---	2.30	1.90	2.41	2.45	3.15	2.50	2.68
29	1.73	2.00	2.09	2.50	---	2.30	2.25	2.88	2.28	3.03	2.48	2.70
30	1.87	1.87	2.12	2.21	---	2.44	2.42	2.56	2.45	3.53	2.72	2.77
31	2.25	---	2.61	2.30	---	2.51	---	2.80	---	3.23	2.60	---
MEAN	1.76	1.84	1.88	2.06	2.54	2.44	1.94	2.50	2.44	2.90	2.93	2.88
MAX	2.27	3.31	2.61	2.60	3.09	2.54	2.95	2.98	3.11	3.53	3.51	3.56
MIN	1.31	1.40	1.47	1.50	2.20	2.30	1.32	2.20	1.83	2.37	2.17	2.52

WTR YR 2000: HIGHEST 1.31, OCTOBER 16; LOWEST 3.56, SEPTEMBER 18.



3-YEAR HYDROGRAPH
OCTOBER 1, 1997 TO SEPTEMBER 30, 2000