

FOREST COUNTY

412823079030601. Local number, FO 11.

LOCATION.--Lat 41°28'23", long 79°03'06", Hydrologic Unit 05010005, in Allegheny National Forest.

Owner: U.S. Geological Survey.

AQUIFER.--Clarion Formation of Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in., depth 110 ft, cased to 23 ft, open hole.

INSTRUMENTATION.--Data collection platform with 60-minute recording interval since June 7, 2001. Satellite telemetry at station

DATUM.--Elevation of land-surface datum is 1,780 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood table, 1.47 ft above land-surface datum. Prior to June 7, 2001, top of casing, 1.40 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since June 2001, are available from the District Office. Well pumping and cleanout on Aug. 19, 2003 caused water levels to be about 0.9 ft lower.

PERIOD OF RECORD.--August 1973 to current year.

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, 7.06 ft below land-surface datum, May 14, 15, 2002; lowest, 12.07 ft below land-surface datum, Sept. 18, 19, 1982.

EXTREMES FOR CURRENT YEAR.--Highest water level, 7.71 ft below land-surface datum, Mar. 22, 23, 26, Apr. 12; lowest, 10.52 ft below land-surface datum, Oct. 14, 15.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.46	9.40	8.44	8.36	8.79	8.29	7.85	8.32	7.89	8.81	8.22	9.54
2	10.42	9.32	8.48	8.26	8.73	8.28	7.85	8.31	7.93	8.84	8.17	---
3	10.39	9.28	8.61	8.21	8.74	8.25	7.87	8.32	7.95	8.87	8.13	---
4	10.38	9.28	8.65	8.15	8.70	8.25	7.86	8.34	7.93	8.93	8.08	---
5	10.36	9.28	8.66	8.15	8.63	8.24	7.80	8.33	7.93	8.98	8.03	8.93
6	10.38	9.22	8.61	8.15	8.64	8.20	7.84	8.27	7.95	9.05	7.99	8.93
7	10.36	9.14	8.62	8.15	8.62	8.23	7.85	8.19	7.95	9.08	7.99	8.92
8	10.39	9.15	8.66	8.13	8.54	8.23	7.81	8.14	7.95	9.11	7.90	8.92
9	10.40	9.12	8.72	8.07	8.52	8.20	7.81	8.07	7.92	9.14	7.88	9.00
10	10.43	9.09	8.72	8.14	8.49	8.21	7.79	8.00	7.93	9.17	7.83	9.07
11	10.44	9.00	8.72	8.24	8.42	8.22	7.78	7.93	7.92	9.14	7.81	9.12
12	10.45	9.01	8.65	8.33	8.42	8.22	7.73	7.87	7.89	9.19	7.83	9.17
13	10.48	9.01	8.65	8.35	8.47	8.18	7.83	7.83	7.85	9.28	7.90	9.19
14	10.52	8.99	8.56	8.37	8.52	8.17	7.88	7.85	7.79	9.36	7.95	9.21
15	10.52	8.96	8.43	8.41	8.59	8.16	7.89	7.87	7.83	9.41	7.99	9.22
16	10.50	8.93	8.42	8.42	8.62	8.12	7.89	7.89	7.91	9.45	7.99	9.19
17	10.41	8.88	8.48	8.43	8.62	8.06	7.94	7.92	7.95	9.53	8.01	9.20
18	10.40	8.76	8.48	8.43	8.55	7.98	8.02	7.93	7.95	9.53	8.12	9.20
19	10.39	8.76	8.48	8.43	8.56	7.94	8.08	7.93	7.95	9.49	---	9.18
20	10.28	8.72	8.36	8.45	8.57	7.92	8.10	7.93	7.99	9.49	---	9.14
21	10.21	8.70	8.25	8.51	8.57	7.82	8.09	7.88	8.02	9.49	---	9.15
22	10.16	8.60	8.21	8.56	8.53	7.73	8.05	7.87	8.06	9.21	9.26	9.13
23	10.10	8.50	8.22	8.59	8.37	7.73	8.10	7.83	8.13	9.03	9.39	8.96
24	10.08	8.53	8.24	8.68	8.36	7.74	8.13	7.79	8.22	8.85	9.49	8.88
25	10.07	8.54	8.23	8.70	8.39	7.74	8.13	7.75	8.31	8.71	9.55	8.85
26	9.96	8.56	8.25	8.70	8.39	7.74	8.14	7.77	8.37	8.64	9.55	8.82
27	9.83	8.55	8.33	8.78	8.37	7.79	8.21	7.80	8.47	8.56	9.50	8.78
28	9.73	8.54	8.33	8.78	8.32	7.80	8.24	7.81	8.57	8.40	9.50	8.73
29	9.64	8.51	8.38	8.78	---	7.80	8.27	7.82	8.66	8.30	9.50	8.77
30	9.52	8.41	8.39	8.83	---	7.81	8.31	7.87	8.75	8.24	9.52	8.81
31	9.43	---	8.39	8.83	---	7.85	---	7.88	---	8.24	9.54	---
MEAN	10.23	8.89	8.47	8.43	8.54	8.03	7.97	7.98	8.06	9.02	8.52	9.04
MAX	10.52	9.40	8.72	8.83	8.79	8.29	8.31	8.34	8.75	9.53	9.55	9.54
MIN	9.43	8.41	8.21	8.07	8.32	7.73	7.73	7.75	7.79	8.24	7.81	8.73

