

CLARION COUNTY

412020079133901. Local number, CR 3.

LOCATION.--Lat 41°20'20", long 79°13'39", Hydrologic Unit 05010005, at Cooks Forest State Park.

Owner: Commonwealth of Pennsylvania.

AQUIFER.--Pottsville Formation, Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 130 ft, cased to 12 ft.

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

DATUM.--Elevation of land-surface datum is 1,545 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 0.80 ft above land-surface datum.

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

PERIOD OF RECORD.--Jan. 1970 to Dec. 1974; July 2001 to current year.

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

Highest water level, 25.82 ft below land-surface datum, May 20, 2002; lowest, 75.90 ft below land-surface datum, Dec. 1, 1971.

EXTREMES FOR CURRENT YEAR.--Highest water level, 28.47 ft below land-surface datum, Apr. 12; lowest, 55.81 ft below land-surface datum, Nov. 16, 17.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	49.07	54.41	53.33	45.36	41.46	40.64	30.95	34.37	31.59	34.33	32.32	33.68
2	49.17	54.50	53.27	44.94	41.37	39.84	31.02	34.47	32.77	34.34	31.94	33.60
3	49.31	---	53.32	44.25	41.44	39.89	31.33	34.97	33.01	34.46	31.64	33.23
4	49.50	54.69	53.23	43.61	40.63	40.03	31.27	35.52	32.71	34.83	31.26	32.81
5	49.63	54.78	52.84	43.22	41.70	39.40	30.94	35.49	32.79	35.27	30.52	32.50
6	50.18	54.92	52.64	42.95	42.73	39.33	31.39	35.28	33.24	35.68	29.64	32.25
7	50.12	55.05	52.50	42.89	42.34	39.97	30.43	35.63	33.22	36.00	29.31	31.91
8	50.57	55.13	52.37	42.20	42.20	39.88	29.27	35.76	32.90	36.16	29.33	31.71
9	50.70	55.15	52.38	41.77	42.09	39.27	28.95	35.65	32.85	36.41	29.45	31.76
10	50.88	55.16	52.12	41.90	41.63	39.54	28.89	35.43	33.26	36.56	29.55	31.88
11	51.02	55.17	51.82	42.23	41.47	39.53	28.64	34.76	33.05	36.43	29.68	31.95
12	51.22	55.08	51.64	42.44	41.43	38.95	28.60	34.05	32.88	36.90	29.89	32.00
13	51.40	55.29	51.41	42.12	41.95	38.72	29.38	34.15	32.41	37.63	30.19	32.09
14	51.81	55.53	50.92	41.84	42.34	38.91	29.92	34.49	30.86	38.05	30.43	32.23
15	51.72	55.73	50.82	41.67	42.58	38.38	29.93	34.51	29.86	38.03	30.48	32.34
16	51.54	55.79	50.56	41.73	42.99	37.47	30.00	34.49	29.70	37.91	30.33	32.61
17	51.88	55.75	50.51	41.11	42.34	36.33	30.41	34.64	29.67	38.41	30.45	32.97
18	52.44	55.56	50.20	41.19	41.81	34.68	31.23	34.53	29.59	38.54	30.90	33.16
19	52.51	55.35	49.62	40.76	42.12	33.21	31.58	34.44	29.64	38.66	31.27	32.78
20	52.74	55.19	48.97	40.54	42.40	31.91	31.73	34.22	30.02	38.83	31.50	33.25
21	53.10	54.91	48.76	41.23	42.11	30.33	31.14	33.96	30.26	38.54	31.61	33.69
22	53.26	54.61	48.50	41.65	41.06	30.15	30.76	32.90	30.48	37.96	31.68	33.67
23	53.51	54.62	48.25	41.70	40.10	30.19	31.45	31.97	30.87	37.04	31.96	33.57
24	53.68	54.59	47.95	42.16	41.65	30.15	32.21	30.81	31.60	36.29	32.29	---
25	53.66	54.46	47.24	42.44	42.47	30.17	32.63	30.37	32.13	35.71	32.42	---
26	53.51	54.32	47.29	41.99	42.26	30.60	32.40	30.40	32.22	35.15	32.54	---
27	53.72	54.08	47.22	42.09	41.40	30.36	32.92	30.59	32.40	34.41	32.67	---
28	53.97	53.89	46.71	42.02	40.78	30.38	33.37	30.57	33.01	33.80	33.00	---
29	54.13	53.50	46.33	41.72	---	30.26	33.47	30.42	33.51	33.45	33.18	---
30	54.14	53.22	46.09	42.27	---	30.70	34.03	30.68	34.02	33.16	33.37	---
31	54.28	---	45.66	42.19	---	30.85	---	30.82	---	32.80	33.62	---
MEAN	51.88	54.84	50.14	42.26	41.82	35.48	31.01	33.56	31.88	36.19	31.24	32.68
MAX	54.28	55.79	53.33	45.36	42.99	40.64	34.03	35.76	34.02	38.83	33.62	33.69
MIN	49.07	53.22	45.66	40.54	40.10	30.15	28.60	30.37	29.59	32.80	29.31	31.71

