

SOMERSET COUNTY

40008079142801. Local number, SO 2.

LOCATION.--Lat 40°00'04", long 79°14'22", Hydrologic Unit 05020006, at Laurel Hill State Park.

Owner: Commonwealth of Pennsylvania.

AQUIFER.--Shale and sandstone of Allegheny Group of Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled artesian well, diameter 6 in. to 4 in., depth 450 ft, cased to 311 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder.

DATUM.--Elevation of land-surface datum is 2,040 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.43 ft above land-surface datum.

REMARKS.--Water levels affected by intermittent pumping.

PERIOD OF RECORD.--April 1937 to September 2004. (discontinued)

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, 27.42 ft below land-surface datum, Apr. 9, 1980; lowest, 50.33 ft below land-surface datum, May 31, 1987 (affected by pumping of nearby well).

EXTREMES FOR CURRENT YEAR.--Highest water level, 32.59 ft below land-surface datum, Apr. 13, 14; lowest, 34.59 ft below land-surface datum, Oct. 1-3.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.59	34.20	33.60	33.39	---	33.61	33.01	32.78	32.88	33.43	33.90	34.34
2	34.59	34.20	33.62	33.38	---	33.60	32.92	32.77	32.88	33.44	33.91	34.36
3	34.59	34.19	33.68	33.36	---	33.62	32.92	32.76	32.93	33.44	33.91	34.37
4	34.51	34.19	33.68	33.31	---	33.61	32.90	32.76	32.95	33.44	33.91	34.38
5	34.51	34.16	33.65	33.21	---	33.59	32.91	32.78	32.99	33.50	33.90	34.40
6	34.51	34.09	33.52	33.28	---	33.45	32.92	32.78	32.99	33.53	33.91	34.42
7	34.53	34.11	33.53	33.30	---	33.45	32.91	32.79	32.99	33.52	33.97	34.42
8	34.55	34.15	33.53	33.30	---	33.45	32.90	32.84	33.05	33.54	34.01	34.42
9	34.55	34.15	33.53	33.29	---	33.46	32.89	32.84	33.06	33.59	34.04	34.18
10	34.54	34.15	33.53	33.29	---	33.52	32.90	32.84	33.08	33.66	34.04	34.28
11	34.54	34.10	33.40	33.29	---	33.50	32.91	32.85	33.08	33.68	34.04	34.31
12	34.52	34.02	33.48	33.25	---	33.49	32.91	32.87	33.08	33.68	34.06	34.33
13	34.51	33.88	33.48	33.25	---	33.50	32.80	32.87	33.06	33.70	34.05	34.35
14	34.51	33.88	33.47	33.22	---	33.49	32.76	32.87	33.11	33.70	34.10	34.36
15	34.39	33.88	33.39	33.16	---	33.45	32.84	32.88	33.13	33.70	34.14	34.36
16	34.38	33.88	33.39	33.21	---	33.32	32.84	32.92	33.17	33.76	34.14	34.37
17	34.39	33.88	33.37	33.21	---	33.29	32.85	32.94	33.19	33.80	34.15	34.36
18	34.37	33.88	33.34	33.09	---	33.28	32.86	32.97	33.19	33.81	34.15	34.14
19	34.37	33.85	33.34	33.12	33.50	33.27	32.85	32.96	33.15	33.80	34.17	34.25
20	34.39	33.67	33.40	33.16	33.50	33.26	32.82	32.86	33.18	33.84	34.17	34.26
21	34.33	33.73	33.40	33.15	33.47	33.11	32.80	32.89	33.22	33.87	34.17	34.26
22	34.29	33.74	33.40	33.14	33.50	33.15	---	32.85	33.23	33.87	34.15	34.27
23	34.29	33.72	33.40	33.14	33.57	33.17	---	32.82	---	33.87	34.17	34.27
24	34.30	33.72	33.35	33.16	33.54	33.18	32.88	32.84	---	33.90	34.20	34.26
25	34.30	33.67	33.37	33.16	33.57	33.18	32.89	32.84	33.27	33.98	34.23	34.22
26	34.30	33.67	33.39	33.17	33.58	33.17	32.89	32.84	33.26	34.00	34.27	34.20
27	34.27	33.67	33.39	33.17	33.60	33.15	32.77	32.84	33.31	33.82	34.28	34.20
28	34.19	33.64	33.39	33.15	33.61	33.14	32.70	32.84	33.35	33.85	34.29	34.17
29	34.16	33.58	33.39	33.17	33.61	33.14	32.75	32.84	33.35	33.90	34.29	34.08
30	34.19	33.59	33.38	33.17	---	33.11	32.78	32.88	33.38	33.91	34.29	34.09
31	34.20	---	33.38	33.24	---	33.07	---	32.90	---	33.90	34.30	---
MEAN	34.41	33.91	33.46	33.22	33.55	33.35	32.86	32.85	33.13	33.72	34.11	34.29
MAX	34.59	34.20	33.68	33.39	33.61	33.62	33.01	32.97	33.38	34.00	34.30	34.42
MIN	34.16	33.58	33.34	33.09	33.47	33.07	32.70	32.76	32.88	33.43	33.90	34.08

