

SOMERSET COUNTY

395920079021501. Local number, SO 854.

LOCATION.--Lat 39°59'20", long 79°02'15", Hydrologic Unit 05020006, at Somerset County Conservancy.

Owner: U.S. Geological Survey.

AQUIFER.--Allegheny Formation, Pennsylvanian age.**WELL CHARACTERISTICS.**--Drilled observation well, diameter 6 in., depth 121 ft, cased to 42 ft.**INSTRUMENTATION.**--Data collection platform with 60-minute recording interval. Satellite telemetry at station.**DATUM.**--Elevation of land-surface datum is 2,280 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of instrument shelf, 1.50 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.**--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, 21.77 ft below land-surface datum, May 19, 2002; lowest, 25.45 ft below land-surface datum, Nov. 18, 24, 25, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 21.77 ft below land-surface datum, May 19; lowest, 25.45 ft below land-surface datum, Nov. 18, 24, 25.DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	24.13	24.79
2	---	---	---	---	---	---	---	---	---	---	24.16	24.82
3	---	---	---	---	---	---	---	---	---	---	24.17	24.84
4	---	---	---	---	---	---	---	---	---	---	24.17	24.86
5	---	---	---	---	---	---	---	---	---	---	24.22	24.92
6	---	---	---	---	---	---	---	---	---	---	24.27	24.95
7	---	---	---	---	---	---	---	---	---	---	24.31	24.97
8	---	---	---	---	---	---	---	---	---	---	24.34	25.00
9	---	---	---	---	---	---	---	---	---	---	24.35	25.04
10	---	---	---	---	---	---	---	---	---	---	24.37	25.07
11	---	---	---	---	---	---	---	---	---	---	24.40	25.11
12	---	---	---	---	---	---	---	---	---	---	24.42	25.14
13	---	---	---	---	---	---	---	---	---	---	24.42	25.16
14	---	---	---	---	---	---	---	---	---	---	24.45	25.18
15	---	---	---	---	---	---	---	---	---	---	24.50	25.18
16	---	---	---	---	---	---	---	---	---	---	24.53	25.19
17	---	---	---	---	---	---	---	---	---	---	24.56	25.21
18	---	---	---	---	---	---	---	---	---	---	24.59	25.24
19	---	---	---	---	---	---	---	---	---	---	24.60	25.29
20	---	---	---	---	---	---	---	---	---	23.48	24.63	25.26
21	---	---	---	---	---	---	---	---	---	23.53	24.68	25.22
22	---	---	---	---	---	---	---	---	---	23.59	24.73	25.20
23	---	---	---	---	---	---	---	---	---	23.66	24.74	25.21
24	---	---	---	---	---	---	---	---	---	23.71	24.75	25.17
25	---	---	---	---	---	---	---	---	---	23.78	24.78	25.07
26	---	---	---	---	---	---	---	---	---	23.84	24.80	25.03
27	---	---	---	---	---	---	---	---	---	23.91	24.79	25.02
28	---	---	---	---	---	---	---	---	---	23.96	24.79	25.04
29	---	---	---	---	---	---	---	---	---	23.97	24.78	25.09
30	---	---	---	---	---	---	---	---	---	24.00	24.78	25.11
31	---	---	---	---	---	---	---	---	---	24.06	24.78	---
MEAN	---	---	---	---	---	---	---	---	---	23.79	24.52	25.08
MAX	---	---	---	---	---	---	---	---	---	24.06	24.80	25.29
MIN	---	---	---	---	---	---	---	---	---	23.48	24.13	24.79

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DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	25.11	25.32	24.98	24.56	23.40	23.44	22.56	22.23	22.60	23.25	24.32	24.38
2	25.13	25.32	25.00	24.62	23.45	23.46	22.55	22.16	22.67	23.32	24.27	24.39
3	25.17	25.30	25.02	24.61	23.45	23.30	22.58	22.14	22.79	23.38	24.26	24.42
4	25.18	25.24	25.04	24.62	23.42	23.25	22.65	22.24	22.88	23.47	24.27	24.47
5	25.20	25.22	25.06	24.63	23.49	23.26	22.68	22.31	22.94	23.55	24.27	24.53
6	25.20	25.24	25.05	24.60	23.52	23.28	22.72	22.37	22.89	23.64	24.14	24.58
7	25.26	25.25	25.04	24.56	23.50	23.29	22.76	22.38	22.66	23.73	24.10	24.65
8	25.32	25.30	25.03	24.62	23.53	23.34	22.78	22.29	22.58	23.80	24.12	24.70
9	25.36	25.30	24.97	24.62	23.59	23.34	22.80	22.05	22.57	23.84	24.15	24.73
10	25.36	25.28	24.95	---	23.57	23.34	22.87	21.90	22.60	23.86	24.19	24.74
11	25.36	25.31	24.94	---	23.38	23.41	22.93	21.98	22.63	23.92	24.24	24.75
12	25.36	25.36	24.94	---	23.24	23.42	22.96	22.00	22.67	23.95	24.29	24.82
13	25.36	25.38	24.89	---	23.23	23.42	22.97	21.91	22.69	24.00	24.33	24.87
14	25.31	25.38	24.84	---	23.29	23.45	22.95	21.82	22.53	24.05	24.36	24.90
15	25.22	25.38	24.82	---	23.27	23.48	22.82	21.86	22.40	24.06	24.44	24.94
16	25.17	25.38	24.81	---	23.25	23.51	22.72	21.93	22.38	24.09	24.50	24.95
17	25.14	25.42	24.70	24.10	23.26	23.50	22.71	21.97	22.41	24.13	24.51	24.96
18	25.17	25.43	24.48	24.11	23.36	23.29	22.72	21.84	22.50	24.14	24.49	24.98
19	25.15	25.41	24.35	24.10	23.38	23.08	22.74	21.79	22.61	24.15	24.48	25.00
20	25.16	25.40	24.32	24.11	23.33	22.78	22.76	21.83	22.71	24.18	24.48	24.99
21	25.18	25.41	24.37	24.12	23.26	22.59	22.77	21.91	22.78	24.24	24.52	25.00
22	25.18	25.42	24.44	24.19	23.26	22.60	22.60	22.00	22.87	24.27	24.53	25.02
23	25.17	25.42	24.41	24.18	23.29	22.62	22.56	22.06	22.94	24.30	24.53	25.01
24	25.16	25.45	24.38	23.91	23.32	22.66	22.59	22.12	23.03	24.31	24.32	25.03
25	25.17	25.38	24.40	23.61	23.33	22.72	22.58	22.20	23.14	24.32	24.15	25.05
26	25.19	25.23	24.40	23.56	23.28	22.69	22.63	22.28	23.22	24.32	24.13	25.03
27	25.24	25.15	24.40	23.55	23.29	22.52	22.71	22.37	23.28	24.25	24.15	24.76
28	25.31	25.07	24.40	23.53	23.37	22.51	22.48	22.45	23.18	24.21	24.20	24.55
29	25.32	25.02	24.45	23.52	---	22.51	22.23	22.51	23.16	24.22	24.24	24.49
30	25.33	24.97	24.51	23.53	---	22.55	22.23	22.52	23.19	24.25	24.29	24.47
31	25.32	---	24.54	23.48	---	22.61	---	22.55	---	24.29	24.35	---
MEAN	25.23	25.30	24.71	24.13	23.37	23.07	22.69	22.13	22.78	23.98	24.31	24.77
MAX	25.36	25.45	25.06	24.63	23.59	23.51	22.97	22.55	23.28	24.32	24.53	25.05
MIN	25.11	24.97	24.32	23.48	23.23	22.51	22.23	21.79	22.38	23.25	24.10	24.38

