

## FULTON COUNTY

394755078135001. Local number, FU 249.

**LOCATION.**--Lat 39°47'55", long 78°13'50", Hydrologic Unit 02070004, at State Game Land No. 128, at Deneen Gap.  
Owner: U.S. Geological Survey.

**AQUIFER.**--Stonehenge Formation, Early Ordovician age.

**WELL CHARACTERISTICS.**--Drilled observation artesian well, diameter 6 in., depth 122 ft, cased to 18 ft, open hole.

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

**DATUM.**--Elevation of land surface is 760 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 3.30 ft above land-surface datum.

**REMARKS.**--In addition to the daily mean water level table shown below, daily maximum and minimum water levels, are also 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, 47.23 ft below land-surface datum, July 12, 2001; lowest, 50.27 ft below land-surface datum, Sept. 15, 17-19, 2002.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 48.29 ft below land-surface datum, May 2, 3; lowest, 50.27 ft below land-surface datum, Sept. 15, 17-19.

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	---	---	---	---	---	---	---	---	---	---	48.15	48.42
2	---	---	---	---	---	---	---	---	---	---	48.16	48.45
3	---	---	---	---	---	---	---	---	---	---	48.12	48.46
4	---	---	---	---	---	---	---	---	---	---	48.10	48.45
5	---	---	---	---	---	---	---	---	---	---	48.17	48.50
6	---	---	---	---	---	---	---	---	---	---	48.24	48.58
7	---	---	---	---	---	---	---	---	---	---	48.26	48.59
8	---	---	---	---	---	---	---	---	---	---	48.28	48.61
9	---	---	---	---	---	---	---	---	---	---	48.31	48.65
10	---	---	---	---	---	---	---	---	---	---	48.31	48.67
11	---	---	---	---	---	---	---	---	---	---	48.36	48.74
12	---	---	---	---	---	---	---	---	---	---	48.41	48.79
13	---	---	---	---	---	---	---	---	---	47.28	48.40	48.79
14	---	---	---	---	---	---	---	---	---	47.34	48.37	48.80
15	---	---	---	---	---	---	---	---	---	47.43	48.38	48.83
16	---	---	---	---	---	---	---	---	---	47.50	48.39	48.83
17	---	---	---	---	---	---	---	---	---	47.57	48.41	48.84
18	---	---	---	---	---	---	---	---	---	47.62	48.43	48.84
19	---	---	---	---	---	---	---	---	---	47.72	48.42	48.84
20	---	---	---	---	---	---	---	---	---	47.80	48.39	48.88
21	---	---	---	---	---	---	---	---	---	47.85	48.40	48.90
22	---	---	---	---	---	---	---	---	---	47.87	48.40	48.90
23	---	---	---	---	---	---	---	---	---	47.89	48.39	48.96
24	---	---	---	---	---	---	---	---	---	47.92	48.40	48.93
25	---	---	---	---	---	---	---	---	---	47.95	48.43	48.88
26	---	---	---	---	---	---	---	---	---	47.97	48.42	48.87
27	---	---	---	---	---	---	---	---	---	48.08	48.39	48.81
28	---	---	---	---	---	---	---	---	---	48.11	48.39	48.81
29	---	---	---	---	---	---	---	---	---	48.11	48.41	48.87
30	---	---	---	---	---	---	---	---	---	48.09	48.42	48.89
31	---	---	---	---	---	---	---	---	---	48.11	48.41	---
MEAN	---	---	---	---	---	---	---	---	---	47.80	48.34	48.75
MAX	---	---	---	---	---	---	---	---	---	48.11	48.43	48.96
MIN	---	---	---	---	---	---	---	---	---	47.28	48.10	48.42

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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	48.86	49.02	48.92	49.27	49.17	49.74	48.79	48.41	48.58	49.53	49.46	49.96
2	48.83	49.00	48.97	49.34	49.24	49.72	48.76	48.32	48.64	49.53	49.51	49.93
3	48.91	49.00	48.98	49.29	49.20	49.56	48.73	48.36	48.79	49.53	49.59	49.92
4	48.90	49.01	48.98	49.30	49.16	49.54	48.81	48.49	48.86	49.56	49.67	49.93
5	48.90	49.00	48.98	49.32	49.25	49.54	48.86	48.55	48.91	49.61	49.68	49.97
6	48.90	49.02	48.98	49.29	49.26	49.52	48.90	48.63	48.92	49.67	49.68	50.01
7	48.99	49.02	48.97	49.25	49.23	49.48	48.96	48.65	48.97	49.73	49.73	50.08
8	49.10	49.01	48.98	49.34	49.27	49.50	48.97	48.67	49.03	49.79	49.76	50.12
9	49.15	49.03	48.98	49.33	49.35	49.50	48.98	48.66	49.05	49.76	49.79	50.14
10	49.14	49.01	49.01	49.33	49.40	49.50	49.07	48.67	49.05	49.74	49.79	50.10
11	49.11	49.04	48.99	49.33	49.35	49.58	49.14	48.78	49.07	49.76	49.80	50.08
12	49.11	49.14	49.00	49.28	49.39	49.57	49.15	48.74	49.10	49.76	49.84	50.16
13	49.10	49.14	48.92	49.16	49.43	49.55	49.12	48.66	49.12	49.75	49.90	50.23
14	49.08	49.10	48.87	49.20	49.49	49.59	49.08	48.65	49.07	49.72	49.91	50.26
15	49.01	49.08	48.93	49.19	49.47	49.61	48.99	48.76	49.00	49.69	49.95	50.26
16	48.96	49.08	48.97	49.28	49.43	49.63	48.90	48.82	49.01	49.68	50.00	50.25
17	48.88	49.14	48.85	49.26	49.45	49.71	48.80	48.82	49.05	49.67	50.01	50.26
18	48.91	49.16	48.75	49.28	49.55	49.67	48.77	48.78	49.15	49.67	50.01	50.27
19	48.86	49.09	48.81	49.29	49.56	49.58	48.77	48.62	49.24	49.66	50.00	50.24
20	48.83	49.08	48.85	49.29	49.52	49.40	48.77	48.46	49.32	49.65	50.05	50.14
21	48.85	49.11	48.95	49.30	49.51	49.00	48.81	48.42	49.36	49.66	50.13	50.07
22	48.84	49.13	49.02	49.35	49.55	48.78	48.80	48.43	49.37	49.66	50.15	50.04
23	48.83	49.16	49.00	49.34	49.63	48.73	48.85	48.42	49.37	49.66	50.13	49.93
24	48.82	49.18	48.95	49.22	49.66	48.74	48.94	48.42	49.37	49.66	49.98	49.88
25	48.82	49.11	49.00	49.18	49.66	48.82	48.91	48.49	49.37	49.66	49.86	49.85
26	48.87	49.03	49.01	49.18	49.57	48.85	48.95	48.55	49.37	49.64	49.84	49.80
27	48.95	48.96	49.00	49.15	49.54	48.85	49.02	48.56	49.37	49.55	49.84	49.52
28	49.05	48.93	49.02	49.15	49.66	48.84	48.89	48.55	49.39	49.40	49.88	49.24
29	49.07	48.93	49.08	49.15	---	48.78	48.68	48.54	49.47	49.37	49.88	49.13
30	49.06	48.90	49.19	49.18	---	48.76	48.49	48.54	49.52	49.38	49.89	49.13
31	49.04	---	49.23	49.23	---	48.83	---	48.55	---	49.42	49.94	---
MEAN	48.96	49.05	48.97	49.26	49.43	49.31	48.89	48.58	49.13	49.63	49.86	49.96
MAX	49.15	49.18	49.23	49.35	49.66	49.74	49.15	48.82	49.52	49.79	50.15	50.27
MIN	48.82	48.90	48.75	49.15	49.16	48.73	48.49	48.32	48.58	49.37	49.46	49.13

