

PERRY COUNTY

402735077100901. Local number, PE 684.

LOCATION.--Lat 40°27'35", long 77°10'09", Hydrologic Unit 02050301, at Little Buffalo State Park.

Owner: U.S. Geological Survey.

AQUIFER.--Trimmers Rock.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft, cased to 18 ft.

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

DATUM.--Elevation of land surface is 495 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of steel cover, 2.90 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.--September 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, 9.25 ft below land-surface datum, June 8, 2003; lowest, 17.83 ft below land-surface datum, Nov. 24, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 9.25 ft below land-surface datum, June 8; lowest, 15.74 ft below land-surface datum, Oct. 10.

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	14.94	9.99	11.60	10.87	13.88	12.65	11.02	12.63	10.79	13.02	15.10	14.64
2	15.02	10.16	11.80	10.07	13.96	12.42	11.07	12.70	11.20	13.15	15.00	14.54
3	15.10	10.41	12.21	10.0	14.04	12.37	11.24	13.02	11.37	13.30	15.07	13.91
4	15.19	10.57	12.41	10.17	13.75	12.29	11.44	13.24	10.32	13.50	15.05	12.96
5	15.24	10.85	12.31	10.38	13.74	12.10	11.44	13.31	9.86	13.69	15.09	12.74
6	15.44	10.61	12.47	10.46	13.89	11.87	11.63	13.16	10.04	13.87	14.55	12.79
7	15.40	10.84	12.61	10.58	13.75	11.77	11.65	13.24	9.88	14.00	14.39	12.82
8	15.62	10.96	12.73	10.47	13.91	11.63	11.48	13.11	9.28	14.13	14.39	12.94
9	15.68	11.10	13.03	10.43	13.95	11.35	11.13	12.95	9.46	14.26	14.28	13.16
10	15.72	11.18	12.99	10.34	13.84	11.23	10.67	12.72	9.84	14.37	14.19	13.31
11	14.81	11.39	12.81	10.57	14.01	11.27	10.39	12.40	10.10	14.03	14.16	13.41
12	13.12	11.59	11.51	10.83	14.10	11.32	10.09	12.33	10.48	14.12	14.13	13.54
13	12.33	10.91	10.79	10.91	14.29	11.30	10.43	12.42	10.80	14.38	14.31	13.56
14	12.32	10.68	10.16	11.20	14.47	11.01	10.69	12.60	11.18	14.55	14.43	13.20
15	12.27	10.73	10.07	11.48	14.63	10.76	10.78	12.79	11.58	14.62	14.47	13.15
16	11.72	10.88	10.14	11.72	14.79	10.48	10.99	12.71	12.00	14.67	14.44	13.23
17	11.02	10.43	10.47	11.78	14.60	10.23	11.51	12.04	12.28	14.86	13.88	13.43
18	11.06	10.16	10.65	12.06	14.67	10.23	11.87	11.61	12.15	14.89	13.70	13.50
19	10.98	10.20	10.64	12.13	14.80	10.51	11.86	11.35	12.19	14.80	13.86	12.78
20	11.13	10.31	10.48	12.25	14.76	10.33	11.90	11.27	12.16	14.87	13.98	11.90
21	11.37	10.33	10.61	12.55	14.46	9.67	11.90	11.32	11.49	14.87	14.04	11.64
22	11.58	10.18	10.76	12.72	13.87	9.92	11.55	11.49	11.10	14.85	14.09	11.47
23	11.83	10.31	11.02	12.81	13.01	10.22	11.44	11.63	10.95	14.37	14.28	10.51
24	12.10	10.48	11.23	13.10	12.83	10.52	11.54	11.11	11.12	14.34	14.46	10.14
25	12.19	10.67	11.09	13.23	12.78	10.72	11.63	10.06	11.33	14.60	14.51	10.20
26	11.54	10.93	11.55	13.25	12.67	10.94	11.72	9.90	11.53	14.73	14.60	10.40
27	11.14	11.01	11.72	13.54	12.56	11.24	11.98	9.95	11.81	14.71	14.62	10.56
28	11.09	11.12	11.67	13.57	12.57	11.48	12.18	10.01	12.22	14.78	14.70	10.45
29	11.15	11.03	11.78	13.62	---	11.55	12.30	10.07	12.54	14.93	14.77	10.51
30	10.72	11.11	11.69	13.85	---	11.50	12.53	10.31	12.80	15.11	14.82	10.74
31	10.13	---	11.45	13.88	---	11.18	---	10.52	---	15.21	14.65	---
MEAN	12.87	10.70	11.50	11.77	13.88	11.16	11.40	11.87	11.13	14.37	14.45	12.40
MAX	15.72	11.59	13.03	13.88	14.80	12.65	12.53	13.31	12.80	15.21	15.10	14.64
MIN	10.13	9.99	10.07	10.00	12.56	9.67	10.09	9.90	9.28	13.02	13.70	10.14

