

BEAVER COUNTY

403006080252301. Local number, BV 156.

LOCATION.--Lat 40°30'06", long 80°25'23", Hydrologic Unit 05030101, at Raccoon State Park.  
 Owner: U.S. Geological Survey.

AQUIFER.--Shale of Glenshaw Formation of Late Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in, depth 101 ft, cased to 25 ft, open hole.

INSTRUMENTATION.--Digital data logger recorder with 15-minute recording interval.

DATUM.--Elevation of land-surface datum is 930 ft above sea level, from topographic map. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1991, are available from the District Office.

PERIOD OF RECORD.--November 1967 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above. Highest water level, 7.47 ft below land-surface datum, Apr. 14, 1994: lowest, 13.72 ft below land-surface datum, June 5, 1968.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
 MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.62	9.28	9.26	9.25	8.35	8.15	8.31	8.17	8.21	9.15	9.32	9.75
2	9.66	9.27	9.25	9.25	8.08	8.25	8.33	8.17	8.20	9.10	9.39	9.75
3	9.68	9.27	9.13	8.90	7.97	8.16	8.32	8.13	8.34	9.18	9.41	9.72
4	9.61	9.24	9.15	8.76	8.09	8.27	8.28	8.08	8.39	9.21	9.37	9.73
5	9.65	9.26	9.15	8.74	8.18	8.36	8.39	8.07	8.40	9.22	9.31	9.75
6	9.62	9.35	9.11	8.91	8.06	8.23	8.38	8.06	8.45	9.20	9.34	9.69
7	9.58	9.42	9.16	9.07	8.02	8.34	8.40	8.10	8.47	9.19	9.38	9.71
8	9.44	9.42	9.20	9.06	7.95	8.38	8.33	8.13	8.46	9.23	9.31	9.73
9	9.39	9.38	9.34	8.72	7.97	8.23	8.23	8.27	8.52	9.23	9.37	9.73
10	9.37	---	9.34	8.72	8.06	8.08	8.05	8.31	8.60	9.25	9.34	9.75
11	9.41	---	9.35	8.71	8.06	8.12	8.03	8.34	8.67	9.35	9.39	9.86
12	9.42	---	9.34	8.54	7.93	8.20	8.12	8.31	8.72	9.36	9.47	9.90
13	9.35	---	9.25	8.54	8.25	8.21	8.13	8.27	8.73	9.39	9.42	9.87
14	9.32	---	9.32	8.49	8.32	8.15	8.10	8.33	8.66	9.39	9.42	9.89
15	9.44	---	9.32	8.28	8.29	8.13	8.05	8.39	8.77	9.41	9.55	9.93
16	9.48	---	9.23	8.22	8.19	8.13	7.84	8.40	8.80	9.45	9.57	9.87
17	9.45	---	9.13	8.32	8.15	8.08	7.98	8.37	8.86	9.47	9.55	9.96
18	9.38	---	9.23	8.24	8.20	8.13	8.07	8.35	8.97	9.44	9.53	9.97
19	9.31	---	9.29	8.10	8.21	8.23	8.09	8.25	9.02	9.44	9.55	9.95
20	9.32	---	9.32	8.11	8.29	8.23	8.06	8.30	8.99	9.48	9.55	9.87
21	9.32	9.27	9.29	8.11	8.38	8.09	8.05	8.28	9.02	9.51	9.60	9.83
22	9.40	9.28	9.14	8.11	8.47	8.13	7.94	8.23	9.01	9.50	9.65	9.85
23	9.43	9.21	9.16	7.91	8.47	8.20	7.97	8.12	9.03	9.53	9.65	9.84
24	9.39	9.22	9.12	7.93	8.48	8.19	8.07	8.04	8.96	9.49	9.63	9.83
25	9.35	9.22	9.13	8.10	8.45	8.30	8.05	7.95	9.00	9.48	9.61	9.89
26	9.33	9.03	9.05	8.13	8.46	8.33	7.95	8.05	9.05	9.52	9.53	9.95
27	9.33	9.15	9.05	8.12	8.43	8.32	7.96	8.12	9.03	9.58	9.55	9.97
28	9.24	9.16	9.01	8.09	8.19	8.29	8.06	8.19	9.02	9.58	9.58	9.97
29	9.22	9.15	8.94	8.24	---	8.35	8.13	8.24	9.05	9.36	9.67	9.93
30	9.21	9.14	8.99	8.32	---	8.43	8.19	8.30	9.15	9.27	9.76	9.75
31	9.27	---	9.02	8.38	---	8.40	---	8.27	---	9.32	9.77	---
MEAN	9.42	9.25	9.19	8.46	8.21	8.23	8.13	8.21	8.75	9.36	9.50	9.84
MAX	9.68	9.42	9.35	9.25	8.48	8.43	8.40	8.40	9.15	9.58	9.77	9.97
MIN	9.21	9.03	8.94	7.91	7.93	8.08	7.84	7.95	8.20	9.10	9.31	9.69

WTR YR 1999: HIGHEST 7.84, APRIL 16; LOWEST 9.97, SEPTEMBER 18, 27, 28.

