

BRADFORD COUNTY

414330076280501. Local number, BR 92.

LOCATION.--Lat 41°43'30", long 76°28'05", Hydrologic Unit 02050106, at Monroeton.

Owner: U.S. Geological Survey.

AQUIFER.--Lock Haven Formation, Late Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 117 ft, cased to 55 ft, open hole.

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

DATUM.--Elevation of land surface is 750 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.05 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since September 1998, are also available from the District Office.

PERIOD OF RECORD.--May 1966 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 1.33 ft below land-surface datum, Apr. 6, 1984; lowest, 11.99 ft below land-surface datum, Sept. 20, 24, 1991.

EXTREMES FOR CURRENT YEAR.--Highest water level, 2.14 ft below land-surface datum, June 22; lowest, 11.26 ft below land-surface datum, Oct. 11.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11.18	9.82	---	6.03	8.62	7.19	3.18	7.16	8.56	5.87	9.79	9.75
2	11.16	9.88	---	4.64	8.73	7.19	3.14	7.15	5.54	6.21	9.81	9.69
3	11.16	9.91	---	3.15	8.79	7.16	2.87	6.88	4.38	6.54	9.84	8.46
4	11.16	9.93	---	3.01	8.79	7.03	3.04	6.99	4.26	6.85	9.86	8.19
5	11.19	9.94	---	3.15	8.26	7.01	3.04	7.12	4.36	7.15	9.90	7.00
6	11.20	9.99	---	3.31	7.91	6.93	2.84	7.28	4.60	7.43	9.92	6.03
7	11.22	10.03	---	3.40	8.02	6.77	3.00	7.43	4.70	7.67	9.93	6.21
8	11.22	10.06	---	3.53	8.16	6.81	3.07	7.51	4.51	---	9.98	6.48
9	11.23	10.10	---	3.59	8.31	6.69	3.05	7.61	4.76	---	10.00	6.77
10	11.25	10.11	9.33	3.43	8.46	6.55	3.04	7.73	5.03	---	7.52	7.05
11	11.26	10.20	9.38	3.49	8.57	6.64	3.13	7.78	5.32	---	6.40	7.33
12	11.18	10.22	9.42	3.81	8.73	6.78	2.84	7.78	5.54	---	6.59	7.57
13	10.85	10.20	9.40	4.09	8.87	6.87	2.92	7.84	5.67	---	6.82	7.82
14	10.72	10.16	9.17	4.37	8.98	7.00	3.21	7.93	5.89	---	7.07	8.03
15	10.64	10.15	8.11	4.69	9.14	7.06	3.47	8.01	6.14	8.94	7.29	8.22
16	10.58	10.14	6.73	4.97	9.21	6.94	3.81	8.11	6.40	9.12	7.53	8.42
17	10.22	10.07	6.13	5.33	9.27	6.43	4.12	8.15	6.64	9.23	7.78	8.60
18	9.39	9.17	5.97	5.62	9.39	5.73	4.44	8.23	6.81	9.33	---	8.73
19	9.14	8.29	6.00	5.88	9.45	5.34	4.74	8.31	7.01	9.42	---	8.87
20	9.12	7.79	6.00	6.22	9.50	5.16	5.02	8.39	7.17	9.50	---	9.00
21	9.21	7.63	5.19	6.48	9.50	4.37	5.29	8.50	6.65	9.59	8.58	9.11
22	9.29	7.59	4.79	6.74	9.50	3.20	5.54	8.60	2.71	9.59	8.77	9.20
23	9.42	7.57	4.84	7.00	9.31	2.88	5.78	8.68	2.49	9.35	8.94	9.20
24	9.51	7.60	4.99	7.26	8.30	2.99	6.00	8.70	2.92	9.34	9.09	8.50
25	9.56	7.70	5.16	7.47	7.51	3.12	6.21	8.58	3.36	9.36	9.23	8.40
26	9.56	7.77	5.40	7.70	7.19	3.25	6.39	8.43	3.78	9.39	9.35	8.47
27	9.59	7.85	5.55	7.89	7.06	3.24	6.51	8.38	4.22	9.45	9.46	8.56
28	9.61	---	5.72	8.05	7.11	3.44	6.67	8.42	4.67	9.53	9.57	8.52
29	9.64	---	5.96	8.25	---	3.55	6.86	8.48	5.09	9.61	9.63	7.76
30	9.70	---	6.14	8.39	---	3.50	7.02	8.58	5.51	9.69	9.67	7.69
31	9.77	---	6.20	8.49	---	3.24	---	8.62	---	9.76	9.73	---
MEAN	10.32	9.25	6.62	5.47	8.59	5.49	4.34	7.98	5.16	8.66	8.86	8.12
MAX	11.26	10.22	9.42	8.49	9.50	7.19	7.02	8.70	8.56	9.76	10.00	9.75
MIN	9.12	7.57	4.79	3.01	7.06	2.88	2.84	6.88	2.49	5.87	6.40	6.03

