

LEBANON COUNTY

402207076180801. Local number, LB 372.

LOCATION.--Lat 40°22'07", long 76°18'08", Hydrologic Unit 02040203, at Myerstown.

Owner: Kohl Brothers, Inc.

AQUIFER.--Dolomite of Ontelaunee Formation of Middle Ordovician age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in., depth 80 ft, casing information not available, open hole.

INSTRUMENTATION.--Data collection platform with 30-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land-surface datum is 444 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 2.7 ft above land-surface datum. Prior to Apr. 22, 1981, measuring point was 3.50 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 1994, are also available from the District Office.

PERIOD OF RECORD.--July 1973 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes 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, 3.83 ft below land-surface datum, June 21, 2003; lowest, 11.55 ft below land-surface datum, Jan. 8, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.83 ft below land-surface datum, June 21; lowest, 11.16 ft below land-surface datum, Oct. 9.

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	10.86	9.57	9.42	8.29	8.58	7.80	7.08	7.83	7.95	6.88	7.79	8.70
2	10.90	9.68	9.47	6.98	8.62	7.81	7.16	7.85	7.79	6.93	7.85	8.63
3	10.95	9.78	9.55	7.02	8.66	7.32	7.23	7.91	7.83	6.93	7.91	8.63
4	11.00	9.88	9.59	7.06	8.66	7.45	7.29	7.94	7.48	7.00	7.93	8.65
5	11.04	9.95	9.62	7.17	8.62	7.48	7.32	7.98	7.08	7.05	7.94	8.72
6	11.06	9.87	9.65	7.22	8.68	7.29	7.41	8.02	7.21	7.11	7.83	8.78
7	11.09	9.95	9.71	7.30	8.70	7.05	7.43	8.05	7.23	7.14	7.59	8.82
8	11.11	10.03	9.76	7.34	8.74	7.14	7.36	7.93	6.51	7.21	7.75	8.86
9	11.16	10.09	9.79	7.33	8.77	7.11	7.36	7.99	6.70	7.27	7.80	8.90
10	11.14	10.13	9.82	7.38	8.80	6.96	7.22	8.05	6.83	7.28	7.83	8.93
11	10.66	10.17	9.84	7.45	8.84	7.08	7.22	8.10	6.92	7.33	7.89	8.93
12	9.97	10.19	8.34	7.51	8.90	7.15	6.66	8.15	6.99	7.36	7.86	8.93
13	10.27	9.89	8.34	7.58	8.94	7.19	6.82	8.20	7.01	7.41	7.94	8.94
14	10.44	9.95	7.95	7.64	8.98	6.80	6.92	8.24	7.11	7.48	8.02	8.86
15	10.56	9.99	7.41	7.72	9.03	6.83	6.98	8.28	7.19	7.53	8.08	8.90
16	10.56	9.99	7.57	7.78	9.06	6.75	7.06	8.30	7.28	7.59	8.09	8.81
17	9.62	9.34	7.70	7.85	9.06	6.66	7.14	8.29	7.34	7.63	8.12	8.92
18	9.86	8.58	7.80	7.91	9.08	6.74	7.16	8.32	7.33	7.68	8.19	8.99
19	10.01	8.52	7.87	7.95	9.12	6.87	7.22	8.37	7.39	7.69	8.22	8.86
20	10.16	8.63	7.87	8.04	9.14	6.88	7.28	8.42	7.18	7.74	8.28	8.68
21	10.28	8.69	7.85	8.09	9.12	6.08	7.33	8.42	5.20	7.77	8.33	8.77
22	10.37	8.67	7.95	8.16	9.01	6.41	7.39	8.44	5.69	7.69	8.37	8.82
23	10.44	8.77	8.04	8.21	7.67	6.61	7.46	8.48	6.10	7.35	8.40	8.77
24	10.50	8.88	8.12	8.29	7.38	6.73	7.52	8.42	6.34	6.45	8.43	7.74
25	10.52	8.98	8.13	8.31	7.36	6.81	7.56	8.24	6.50	6.94	8.47	7.91
26	10.38	9.06	8.07	8.35	7.40	6.87	7.56	8.24	6.61	7.17	8.49	7.99
27	10.26	9.08	8.15	8.43	7.54	6.90	7.59	7.65	6.69	7.33	8.51	8.09
28	10.34	9.20	8.21	8.50	7.67	6.98	7.66	7.80	6.74	7.46	8.57	8.09
29	10.36	9.26	8.26	8.54	---	7.03	7.72	7.92	6.78	7.57	8.61	8.16
30	10.06	9.32	8.32	8.56	---	7.00	7.79	8.00	6.84	7.69	8.62	8.25
31	9.46	---	8.34	8.58	---	7.00	---	8.02	---	7.74	8.67	---
MEAN	10.50	9.47	8.60	7.82	8.58	6.99	7.30	8.12	6.93	7.34	8.14	8.63
MAX	11.16	10.19	9.84	8.58	9.14	7.81	7.79	8.48	7.95	7.77	8.67	8.99
MIN	9.46	8.52	7.41	6.98	7.36	6.08	6.66	7.65	5.20	6.45	7.59	7.74

