

LANCASTER COUNTY

401637076071501. Local number, LN 1351.

LOCATION.--Lat 40°16'37", long 76°07'15", Hydrologic Unit 02050306, at State Game Lands 220, near Blainsport.

Owner: Pennsylvania Game Commission.

AQUIFER.--Hammer Creek Formation, Triassic age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 6 in., depth 135 ft, cased to 50 ft.

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

DATUM.--Elevation of land surface is 480 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.89 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.--March 8, 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, 8.45 ft below land-surface datum, Dec. 14, 2002; lowest, 13.32 ft below land-surface datum, Sept. 25, 26, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 8.45 ft below land-surface datum, Dec. 14; lowest, 12.81 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	12.48	9.24	9.71	9.09	10.65	10.04	9.02	10.11	9.96	10.04	11.13	11.93
2	12.51	9.34	9.79	8.63	10.68	9.93	9.14	10.13	9.79	10.13	11.13	11.40
3	12.55	9.48	9.93	8.67	10.72	9.73	9.28	10.24	9.81	10.19	11.18	11.16
4	12.60	9.58	10.04	8.74	10.63	9.74	9.40	10.32	9.14	10.30	11.21	11.04
5	12.59	9.71	10.02	8.90	10.69	9.68	9.48	10.35	8.85	10.38	11.15	11.04
6	12.67	9.49	10.06	8.99	10.74	9.46	9.62	10.37	9.00	10.39	11.05	11.11
7	12.67	9.54	10.13	9.09	10.66	9.44	9.69	10.41	9.01	10.43	11.03	11.15
8	12.75	9.60	10.17	9.10	10.72	9.45	9.68	10.44	8.69	10.49	11.06	11.22
9	12.78	9.68	10.28	9.13	10.74	9.30	9.50	10.47	8.82	10.56	11.10	11.32
10	12.77	9.73	10.27	9.17	10.71	9.23	9.17	10.48	9.05	10.61	11.03	11.39
11	12.03	9.79	10.11	9.32	10.75	9.34	8.90	10.48	9.23	10.61	11.05	11.44
12	11.17	9.86	9.31	9.46	10.78	9.44	8.64	10.53	9.40	10.72	11.07	11.50
13	10.98	9.51	9.02	9.53	10.84	9.46	8.86	10.61	9.53	10.81	11.15	11.50
14	10.93	9.44	8.52	9.65	10.88	9.36	9.06	10.68	9.65	10.88	11.21	11.27
15	10.90	9.48	8.69	9.75	10.91	9.29	9.16	10.74	9.76	10.91	11.26	11.03
16	10.49	9.45	8.88	9.86	10.95	9.19	9.27	10.77	9.91	10.94	11.27	10.75
17	9.78	8.78	9.16	9.88	10.85	9.07	9.48	10.76	9.98	11.01	11.25	10.72
18	9.68	8.63	9.33	9.97	10.87	9.07	9.62	10.77	9.97	11.03	11.34	10.72
19	9.67	8.77	9.37	10.04	10.92	9.22	9.70	10.80	9.98	11.02	11.42	---
20	9.74	8.91	9.28	10.10	10.95	9.13	9.74	10.84	9.90	11.08	11.48	---
21	9.87	9.01	9.28	10.20	10.91	8.49	9.76	10.81	8.74	11.10	11.52	---
22	9.97	8.92	9.35	10.27	10.58	8.60	9.81	10.82	8.50	10.83	11.56	10.31
23	10.07	8.97	9.47	10.32	9.93	8.80	9.91	10.84	8.60	10.70	11.65	9.67
24	10.16	9.11	9.56	10.42	9.86	9.00	10.00	10.74	8.91	10.69	11.74	9.08
25	10.21	9.22	9.35	10.46	9.86	9.14	10.07	10.66	9.17	10.76	11.77	9.12
26	9.98	9.36	9.23	10.48	9.88	9.24	10.01	10.35	9.37	10.82	11.81	9.11
27	9.86	9.40	9.25	10.55	9.91	9.26	9.95	10.04	9.54	10.85	11.82	9.10
28	9.87	9.48	9.25	10.59	9.96	9.29	9.95	9.94	9.73	10.91	11.88	9.22
29	9.91	9.47	9.34	10.61	---	9.31	9.97	9.96	9.86	10.98	11.92	9.40
30	9.64	9.52	9.43	10.68	---	9.21	10.07	10.06	9.95	11.08	11.93	9.55
31	9.24	---	9.39	10.68	---	8.95	---	10.12	---	11.13	11.94	---
MEAN	10.98	9.35	9.52	9.75	10.59	9.29	9.53	10.47	9.39	10.72	11.39	10.60
MAX	12.78	9.86	10.28	10.68	10.95	10.04	10.07	10.84	9.98	11.13	11.94	11.93
MIN	9.24	8.63	8.52	8.63	9.86	8.49	8.64	9.94	8.50	10.04	11.03	9.08

