

CAMBRIA COUNTY

403434078302201. Local number, CA 459.

LOCATION.--Lat 40°34'34", long 78°30'22", Hydrologic Unit 02050201, at State Game Lands No. 184.

Owner: U.S. Geological Survey.

AQUIFER.--Pottsville Formation, Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in, depth 146 ft, cased to 18 ft.

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

DATUM.--Elevation of land-surface datum is 2,070 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of instrument shelf, 2.00 ft above land-surface datum.

REMARKS.--Cause of large water-level fluctuations during July and August 2004 are unknown, but could be related to nearby mining operations. In addition to the daily mean water level table shown below, daily maximum and minimum water levels are available from the USGS Pennsylvania Water Science Center.

PERIOD OF RECORD.--July 2002 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, 36.57 ft below land-surface datum, Apr. 22, 2004; lowest, 61.05 ft below land-surface datum, July 1, 2004.

EXTREMES FOR CURRENT YEAR.--Highest water level, 36.57 ft below land-surface datum, Apr. 22; lowest, 61.05 ft below land-surface datum, July 1.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	39.31	39.25	38.22	38.58	39.43	39.67	37.68	36.94	37.19	58.83	47.18	42.19
2	39.18	39.23	38.47	38.46	39.64	39.51	37.60	36.77	37.34	55.16	46.92	42.30
3	39.11	39.16	38.70	38.31	39.49	39.64	37.56	36.82	37.53	52.31	46.42	42.31
4	38.82	39.08	38.68	38.24	39.63	39.59	37.42	36.91	37.73	51.12	45.77	42.27
5	38.86	39.01	38.46	38.08	39.91	39.82	37.56	36.89	37.75	50.65	45.15	42.21
6	38.95	39.02	38.36	38.15	39.61	39.79	37.66	36.99	37.79	50.57	41.80	42.22
7	38.99	39.05	38.39	38.21	39.42	39.55	37.52	37.08	37.89	50.51	42.66	42.15
8	39.05	39.20	38.49	38.21	39.82	38.97	37.37	37.22	37.87	50.79	42.83	42.08
9	39.07	39.38	38.53	38.15	39.94	38.98	37.41	37.22	37.64	51.04	42.84	41.81
10	39.04	39.27	38.39	38.21	39.85	39.07	37.54	37.24	37.55	51.16	42.57	42.01
11	39.02	39.00	38.10	38.13	39.87	38.87	37.59	37.31	37.48	50.81	41.87	42.11
12	38.92	38.74	38.35	37.87	39.76	38.65	37.59	37.38	37.61	49.62	41.63	42.02
13	38.92	38.57	38.58	37.86	39.44	38.82	37.33	37.42	37.69	48.17	41.46	41.96
14	38.76	38.81	38.42	37.86	39.34	38.79	37.16	37.44	37.66	47.48	41.46	41.90
15	38.58	38.91	38.25	37.72	39.44	38.66	37.30	37.45	37.68	46.95	41.64	41.82
16	38.94	39.00	38.32	37.96	39.72	38.48	37.34	37.59	37.76	47.12	42.11	41.60
17	39.14	39.06	38.09	38.04	39.80	38.31	37.27	37.68	37.70	47.25	42.18	41.37
18	39.18	39.05	38.05	37.74	39.70	38.40	37.25	37.61	37.62	47.15	42.05	41.14
19	39.14	38.68	38.13	37.85	39.49	38.57	37.09	37.57	37.61	47.00	41.42	41.21
20	39.27	38.62	38.30	38.11	39.35	38.59	36.99	37.63	37.66	47.04	41.23	41.21
21	39.01	38.67	38.53	38.26	39.17	38.34	36.82	37.59	37.59	47.31	41.06	41.08
22	38.89	38.67	38.50	38.10	39.51	38.48	36.61	37.43	37.44	47.27	41.11	40.96
23	38.69	38.63	38.45	38.24	39.69	38.59	36.63	37.26	37.91	46.90	41.10	40.84
24	38.93	38.40	38.34	38.28	39.60	38.63	36.79	37.10	38.76	47.02	41.14	40.71
25	39.14	38.45	38.42	38.59	39.69	38.63	36.83	37.05	37.73	47.23	41.21	40.56
26	39.10	38.43	38.58	38.62	39.79	38.57	36.70	36.91	37.55	47.32	41.62	40.55
27	38.91	38.42	38.71	38.53	39.80	38.44	36.62	36.80	37.66	47.14	41.89	40.62
28	38.87	38.10	38.74	38.52	39.84	38.41	36.84	36.83	37.71	47.11	41.87	40.36
29	38.80	37.99	38.54	38.66	39.78	38.34	37.03	37.33	37.76	47.30	41.83	39.61
30	39.08	38.17	38.36	38.68	---	38.14	37.03	37.42	38.84	47.36	41.86	39.56
31	39.21	---	38.54	39.00	---	37.93	---	37.22	---	47.31	41.95	---
MEAN	39.00	38.80	38.42	38.23	39.64	38.81	37.20	37.23	37.72	49.03	42.51	41.42
MAX	39.31	39.38	38.74	39.00	39.94	39.82	37.68	37.68	38.84	58.83	47.18	42.31
MIN	38.58	37.99	38.05	37.72	39.17	37.93	36.61	36.77	37.19	46.90	41.06	39.56

