

ADAMS COUNTY

394430077225001. Local number, AD 808.

LOCATION.--Lat 39°44'30", long 77°22'50", Hydrologic Unit 02050306, on lot P-176 in Carroll Valley, Adams County.

Owner: Carroll Valley Borough.

AQUIFER.--Metabasalt.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 234 ft, cased to 20 ft, open hole.

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

DATUM.--Elevation of land surface is 790 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of steel shelf, 2.82 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 USGS Pennsylvania Water Science Center.

PERIOD OF RECORD.--September 2003 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 74.50 ft below land-surface datum, Apr. 28, 2004; lowest, 123.57 ft below land-surface datum, Sept. 30, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 74.81 ft below land-surface datum, Apr. 3; lowest, 123.57 ft below land-surface datum, Sept. 30.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	101.96	105.33	98.56	92.00	90.66	84.75	79.20	86.08	97.64	109.08	111.90	117.88
2	102.21	105.47	97.92	92.79	90.96	84.77	78.03	86.28	98.24	109.40	111.91	118.16
3	102.99	105.64	97.31	93.17	90.99	85.09	75.10	86.96	98.48	109.88	112.02	118.39
4	103.41	105.39	97.13	93.45	91.22	85.28	75.17	87.87	97.57	110.23	112.22	118.64
5	103.93	104.19	97.22	92.95	91.64	85.34	76.24	88.61	97.87	110.38	112.42	118.90
6	104.20	103.87	97.60	90.73	91.68	85.20	77.05	89.02	98.82	110.61	112.71	119.08
7	104.25	104.38	97.45	89.94	90.93	84.52	77.42	89.20	99.45	110.93	112.90	119.14
8	104.13	105.31	96.76	89.23	89.91	83.78	77.91	89.69	100.11	110.54	113.12	119.11
9	103.87	105.92	96.30	88.42	88.93	83.75	78.39	90.39	100.77	109.88	113.30	119.25
10	103.89	106.13	93.83	87.88	88.12	83.49	78.61	90.89	101.32	109.77	113.38	119.56
11	104.06	105.95	91.18	87.82	87.82	83.12	79.05	91.35	101.74	110.18	113.56	119.81
12	104.10	105.67	90.33	87.52	87.57	83.07	79.54	92.01	102.18	110.48	113.75	119.86
13	104.09	104.46	90.45	87.38	88.00	83.67	79.85	92.58	102.49	110.68	113.91	119.97
14	104.05	104.05	91.04	86.09	88.24	84.37	80.26	92.50	102.87	110.86	114.11	120.20
15	104.08	103.78	91.55	84.61	87.19	85.06	81.06	92.63	103.21	111.04	114.49	120.48
16	104.24	103.98	91.80	83.81	86.02	85.59	81.80	92.98	103.66	111.20	114.75	120.65
17	104.61	104.51	91.90	83.93	85.56	85.90	82.07	93.33	104.22	110.96	114.91	120.80
18	105.03	104.63	92.24	84.44	85.47	86.47	82.57	93.56	104.79	110.71	115.15	121.10
19	105.07	104.78	92.18	84.28	85.49	87.25	83.24	93.86	105.42	110.89	115.35	121.42
20	105.21	105.04	93.00	84.26	85.44	87.67	83.92	93.47	105.91	111.05	115.49	121.56
21	104.78	105.27	93.58	84.89	85.10	88.27	84.68	92.36	106.14	111.11	115.59	121.88
22	103.94	105.32	94.02	85.09	85.22	89.02	85.33	92.02	106.46	111.16	115.76	122.02
23	103.34	105.28	93.46	85.36	85.49	87.56	84.38	92.63	107.02	111.28	116.06	122.20
24	103.66	104.58	91.59	86.49	85.56	83.52	83.66	93.45	107.37	111.33	116.39	122.61
25	104.22	102.47	90.80	87.00	85.52	81.89	83.83	94.10	107.63	111.13	116.70	122.70
26	104.60	102.17	90.54	87.27	85.55	81.84	84.46	94.47	107.88	111.17	116.80	122.48
27	104.79	101.80	90.67	88.46	85.62	82.16	84.93	94.96	108.20	111.16	116.89	122.75
28	104.95	100.70	90.79	89.37	85.17	80.72	85.81	95.40	108.53	111.44	117.05	123.06
29	104.91	100.17	90.59	89.56	---	78.14	86.69	95.82	108.78	111.60	117.28	123.06
30	104.77	99.66	91.20	89.55	---	77.90	86.70	96.35	109.01	111.79	117.37	123.45
31	104.85	---	91.57	90.16	---	78.47	---	96.98	---	111.90	117.36	---
MEAN	104.14	104.20	93.37	88.00	87.68	84.12	81.23	91.99	103.46	110.77	114.66	120.67
MAX	105.21	106.13	98.56	93.45	91.68	89.02	86.70	96.98	109.01	111.90	117.37	123.45
MIN	101.96	99.66	90.33	83.81	85.10	77.90	75.10	86.08	97.57	109.08	111.90	117.88

