

COLUMBIA COUNTY

410705076334901. Local number, CO 589.

LOCATION.--Lat 41°07'05", long 76°33'49", Hydrologic Unit 02050107, at State Game Land No. 226, near Millville.

Owner: U.S. Geological Survey.

AQUIFER.--Hamilton Group.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 241 ft, cased to 18 ft, open hole.

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

DATUM.--Elevation of land surface is 720 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.79 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 2001 to current year.

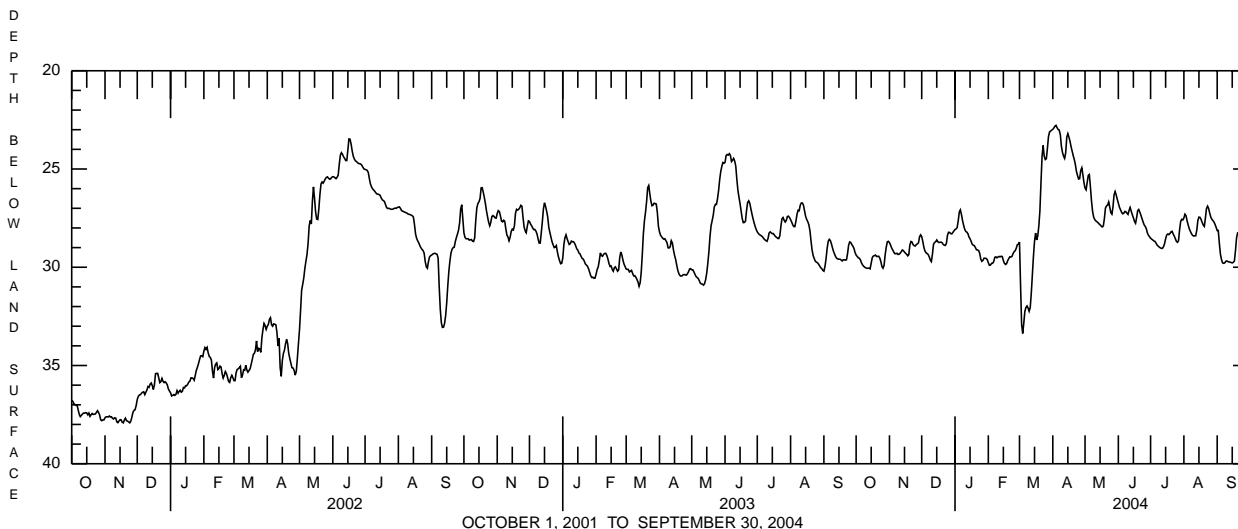
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.

Highest water level, 22.76 ft below land-surface datum, Apr. 4, 2004; lowest, 38.01 ft below land-surface datum, Sept. 17, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 22.76 ft below land-surface datum, Apr. 4; lowest, 33.46 ft below land-surface datum, Mar. 4.

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	29.38	28.74	28.44	28.08	29.77	28.72	22.98	25.97	26.74	28.52	27.49	28.13
2	29.45	28.87	28.68	28.05	29.90	30.92	22.91	26.06	26.94	28.57	27.30	28.13
3	29.52	29.01	28.97	27.98	29.89	32.91	22.82	25.69	27.07	28.61	27.38	28.79
4	29.54	29.12	29.17	27.63	29.80	33.37	22.78	25.33	27.20	28.66	27.64	29.33
5	29.63	29.22	29.26	27.19	29.80	32.85	22.90	25.28	27.28	28.68	27.85	29.61
6	29.78	29.31	29.30	27.08	29.72	32.25	22.99	25.90	27.26	28.76	28.04	29.78
7	29.88	29.31	29.35	27.32	29.50	32.05	23.02	26.61	27.16	28.87	28.17	29.80
8	29.95	29.29	29.47	27.62	29.47	31.97	23.25	27.15	27.17	28.92	28.29	29.78
9	30.00	29.35	29.63	27.86	29.52	32.07	23.84	27.44	27.25	28.97	28.37	29.70
10	30.03	29.34	29.71	28.06	29.48	32.24	24.15	27.57	27.31	29.01	28.41	29.68
11	30.05	29.28	29.33	28.18	29.45	32.06	24.34	27.64	27.10	29.04	28.40	29.71
12	30.05	29.21	28.83	28.21	29.47	31.31	24.46	27.68	26.96	29.04	28.40	29.73
13	30.05	29.12	28.74	28.29	29.44	30.38	24.18	27.73	27.15	28.96	28.11	29.74
14	30.08	29.16	28.70	28.46	29.46	29.45	23.38	27.79	27.33	28.80	27.62	29.76
15	29.79	29.23	28.61	28.55	29.66	28.68	23.20	27.84	27.48	28.55	27.45	29.78
16	29.51	29.29	28.70	28.68	29.80	28.26	23.37	27.90	27.66	28.36	27.46	29.75
17	29.43	29.34	28.74	28.83	29.86	28.61	23.58	27.95	27.76	28.31	27.57	29.68
18	29.41	29.42	28.73	28.88	29.82	28.41	23.86	27.90	27.48	28.34	27.72	29.17
19	29.38	29.36	28.72	28.90	29.67	27.90	24.09	27.53	27.12	28.29	27.85	28.50
20	29.45	28.87	28.75	29.00	29.56	27.14	24.32	26.99	27.06	28.20	27.92	28.25
21	29.45	28.69	28.84	29.11	29.47	25.73	24.52	26.88	27.20	28.17	27.51	28.22
22	29.44	28.72	28.88	29.12	29.48	24.37	24.77	26.84	27.35	28.30	27.02	28.31
23	29.53	28.85	28.89	29.15	29.45	23.80	25.12	26.68	27.52	28.41	26.89	28.44
24	29.71	28.90	28.79	29.30	29.31	24.34	25.33	26.93	27.69	28.54	27.01	28.57
25	29.97	28.92	28.37	29.59	29.21	24.52	25.51	27.22	27.84	28.68	27.24	28.65
26	30.05	28.85	28.22	29.70	29.16	24.48	25.49	27.30	27.92	28.73	27.44	28.69
27	29.90	28.81	28.23	29.65	29.03	23.95	25.08	26.94	28.03	28.65	27.56	28.73
28	29.38	28.76	28.29	29.54	28.85	23.34	24.94	26.32	28.25	28.09	27.62	28.74
29	28.98	28.45	28.30	29.54	28.83	23.11	25.29	26.15	28.37	27.67	27.70	28.49
30	28.71	28.35	28.23	29.55	---	23.07	25.69	26.32	28.45	27.56	27.82	28.23
31	28.68	---	28.15	29.61	---	23.02	---	26.54	---	27.59	27.97	---
MEAN	29.62	29.04	28.81	28.60	29.51	28.23	24.07	26.91	27.44	28.51	27.72	29.06
MAX	30.08	29.42	29.71	29.70	29.90	33.37	25.69	27.95	28.45	29.04	28.41	29.80
MIN	28.68	28.35	28.15	27.08	28.83	23.02	22.78	25.28	26.74	27.56	26.89	28.13



OCTOBER 1, 2001 TO SEPTEMBER 30, 2004