

CUMBERLAND COUNTY

400209077183301. Local number, CU 2.

LOCATION.--Lat 40°02'09", long 77°18'33", Hydrologic Unit 02050305, at Michaux State Forest, and at Pine Grove Furnace.

Owner: Commonwealth of Pennsylvania.

AQUIFER.--Metarhyolite, Precambrian age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 37 ft, cased to 19 ft.

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

DATUM.--Elevation of land surface is 955 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.29 ft above land-surface datum. Prior to June 2, 1999, top of casing, 1.56 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since June 1999, are also available from the USGS Pennsylvania Water Science Center.

PERIOD OF RECORD.--June 1951 to March 1955, instantaneous water levels obtained several times per month. July 1955 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown 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, 8.96 ft below land-surface datum, May 14, 1998; lowest, 33.50 ft below land-surface datum, Feb. 3, 1955.

EXTREMES FOR CURRENT YEAR.--Highest water level, 11.46 ft below land-surface datum, Apr. 19; lowest, 21.85 ft below land-surface datum, Sept. 17.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.73	20.36	18.08	14.28	16.17	16.03	13.67	12.29	15.64	17.60	20.25	20.58
2	20.71	20.26	18.10	14.18	16.22	15.88	13.33	12.36	15.77	17.74	19.69	20.69
3	20.71	20.14	18.13	14.13	16.22	15.63	13.05	12.36	15.93	17.88	19.54	20.76
4	20.65	20.04	18.06	14.16	16.43	15.25	12.74	12.36	16.06	18.00	19.48	20.87
5	20.71	19.97	17.95	14.09	16.49	14.83	12.70	12.43	16.12	18.16	19.51	20.99
6	20.76	19.93	17.85	14.05	16.43	14.40	12.70	12.51	16.22	18.30	19.53	21.06
7	20.80	19.91	17.87	14.01	16.15	14.13	12.58	12.66	16.11	18.41	19.59	21.15
8	20.86	19.96	17.91	13.95	16.22	13.73	12.58	12.76	16.00	18.58	19.66	21.21
9	20.90	19.96	17.92	13.95	16.16	13.58	12.73	12.85	15.95	18.74	19.70	21.35
10	20.96	19.89	17.89	13.97	15.98	13.51	12.78	12.96	15.95	18.86	19.75	21.45
11	21.00	19.78	17.64	13.97	15.99	13.39	12.89	13.12	15.98	18.98	19.87	21.51
12	21.04	19.67	16.79	13.95	15.98	13.33	12.92	13.23	15.85	18.99	19.96	21.58
13	21.13	19.64	16.51	14.07	15.91	13.46	12.62	13.34	15.68	19.01	19.94	21.65
14	21.13	19.67	16.21	14.11	15.85	13.46	12.02	13.47	15.54	19.03	19.77	21.73
15	21.15	19.69	15.75	14.22	15.98	13.43	11.78	13.63	15.49	19.10	19.77	21.78
16	21.18	19.69	15.71	14.35	16.07	13.42	11.68	13.79	15.50	19.18	19.77	21.84
17	21.19	19.72	15.40	14.39	16.06	13.49	11.55	13.92	15.50	19.25	19.78	21.85
18	21.17	19.72	15.22	14.41	15.99	13.59	11.57	14.03	15.53	19.30	19.80	21.82
19	21.11	19.60	15.14	14.61	15.96	13.80	11.54	14.18	15.66	19.39	19.89	20.21
20	21.12	19.23	15.18	14.80	15.96	13.80	11.67	14.29	15.81	19.47	19.94	19.86
21	21.00	18.94	15.18	14.85	16.00	13.59	11.73	14.39	15.95	19.55	19.96	19.68
22	20.93	18.79	15.05	14.95	16.11	13.67	11.89	14.48	16.15	19.62	19.97	19.54
23	21.00	18.78	15.01	15.04	16.13	13.69	12.02	14.61	16.34	19.74	19.95	19.43
24	21.11	18.62	14.90	15.28	16.04	13.70	12.22	14.79	16.53	19.85	20.01	19.34
25	21.12	18.54	14.68	15.39	16.11	13.71	12.27	14.97	16.65	19.94	20.05	19.26
26	21.09	18.44	14.58	15.45	16.14	13.69	12.26	14.98	16.85	20.01	20.08	19.17
27	21.02	18.40	14.46	15.45	16.11	13.69	12.07	14.93	17.00	20.07	20.14	19.14
28	20.91	18.26	14.39	15.57	16.13	13.77	12.18	15.10	17.15	20.11	20.20	19.05
29	20.73	18.17	14.27	15.66	16.12	13.78	12.22	15.28	17.32	20.16	20.28	17.89
30	20.63	18.14	14.25	15.78	---	13.75	12.24	15.39	17.48	20.20	20.37	17.24
31	20.51	---	14.26	16.02	---	13.70	---	15.48	---	20.25	20.50	---
MEAN	20.94	19.40	16.14	14.62	16.11	13.96	12.34	13.77	16.12	19.14	19.89	20.46
MAX	21.19	20.36	18.13	16.02	16.49	16.03	13.67	15.48	17.48	20.25	20.50	21.85
MIN	20.51	18.14	14.25	13.95	15.85	13.33	11.54	12.29	15.49	17.60	19.48	17.24

