

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.--Continuous strip-chart recorder; electronic data logger with 60-minute recording interval since June 1999.

DATUM.--Elevation of land surface is 955 ft above sea level, from topographic map. Measuring point: Top of casing, 1.5 ft above land-surface datum; 3.4 ft above land-surface datum since June 2, 1999.

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 District Office.

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.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above.

Highest water level, 8.96 ft below land-surface datum, May 14, 1998; lowest, 33.50 ft below land-surface datum, Feb. 3, 1955.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.07	29.17	30.31	31.03	27.44	25.80	21.89	19.81	19.39	22.38	25.92	29.07
2	28.13	29.20	30.33	31.05	27.29	25.84	21.81	19.80	19.71	22.52	26.05	29.16
3	28.19	29.23	30.36	31.06	27.15	25.84	21.80	19.73	19.82	22.63	26.16	29.28
4	28.25	29.27	30.39	---	27.05	25.69	21.73	19.71	19.92	22.72	26.25	29.34
5	28.30	29.31	30.42	---	26.97	25.68	21.76	19.69	20.02	22.82	26.38	29.38
6	28.37	29.35	30.46	---	26.88	25.55	21.76	19.68	20.05	22.91	26.49	29.47
7	28.41	29.38	30.49	---	26.77	25.42	21.67	19.68	20.10	23.04	26.60	29.51
8	28.46	29.41	30.52	---	26.65	25.42	21.66	19.68	20.17	23.17	26.71	29.54
9	28.50	29.46	30.54	---	26.64	25.30	21.60	19.68	20.29	23.25	26.84	29.57
10	28.53	29.48	30.57	---	26.55	25.12	21.51	19.68	20.43	23.43	26.93	29.60
11	28.56	29.50	30.60	---	26.54	25.05	21.38	19.68	20.50	23.56	27.05	29.64
12	28.58	29.54	30.62	---	26.44	24.98	21.30	19.68	20.56	23.67	27.17	29.67
13	28.61	29.57	30.64	---	26.35	24.95	20.93	19.68	20.60	23.78	27.27	29.70
14	28.64	29.60	30.67	---	26.35	24.91	20.68	19.57	20.68	23.90	27.39	29.73
15	28.67	29.63	30.69	---	26.33	24.76	20.49	19.57	20.81	24.01	27.51	29.77
16	28.71	29.60	30.72	31.02	26.25	24.74	20.28	19.53	20.88	24.12	27.62	29.80
17	28.74	29.69	30.74	31.02	26.23	24.70	20.18	19.44	21.02	24.23	27.70	29.83
18	28.77	29.73	30.77	31.02	26.19	24.57	20.18	19.38	21.14	24.34	27.81	29.86
19	28.81	29.78	30.79	31.00	26.15	24.29	20.18	19.30	21.28	24.46	27.93	29.90
20	28.83	29.81	30.80	30.92	26.13	24.07	20.13	19.29	21.35	24.59	28.03	29.93
21	28.88	29.84	30.82	30.85	26.11	23.85	20.05	19.29	21.42	24.70	28.13	29.96
22	28.91	29.87	30.83	30.76	26.09	23.16	20.00	19.24	21.49	24.80	28.22	29.99
23	28.94	29.91	30.86	30.68	26.09	22.86	19.93	19.19	21.58	24.89	28.31	30.03
24	28.98	29.93	30.88	30.50	---	22.58	19.91	19.18	21.65	25.00	28.42	30.06
25	29.01	30.14	30.90	28.64	25.97	22.41	19.87	19.18	21.74	25.11	28.47	30.09
26	29.04	30.16	30.93	28.10	25.93	22.34	19.78	19.18	21.85	25.23	28.49	30.13
27	29.07	30.19	30.95	27.84	25.92	22.29	19.81	19.19	21.90	25.34	28.54	30.15
28	29.07	30.22	---	---	25.87	22.13	---	19.29	21.97	25.45	28.64	30.12
29	29.09	30.25	30.97	27.66	---	22.04	19.81	19.29	22.14	25.55	28.76	30.02
30	29.12	30.28	30.99	27.59	---	22.00	19.81	19.34	22.28	25.67	28.87	29.99
31	29.16	---	31.01	27.53	---	22.00	---	19.35	---	25.81	28.97	---
MEAN	28.69	29.68	30.69	29.90	26.46	24.20	20.75	19.48	20.89	24.10	27.54	29.74
MAX	29.16	30.28	31.01	31.06	27.44	25.84	21.89	19.81	22.28	25.81	28.97	30.15
MIN	28.07	29.17	30.31	27.53	25.87	22.00	19.78	19.18	19.39	22.38	25.92	29.07

WTR YR 1999: HIGHEST 19.18, MAY 24-26; LOWEST RECORDED 31.06, JANUARY 3.

