

CHESTER COUNTY

395450075485401. Local number, CH 10.

LOCATION.--Lat 39°54'50", long 75°48'54", Hydrologic Unit 02040205, near intersection of SR 82 and 841, at Doe Run.

Owner: Robert J. Kieberg, Jr.

AQUIFER.--Cockeysville Marble of Paleozoic age.

WELL CHARACTERISTICS.--Drilled unused water-table well, diameter 6 in., depth 34 ft, casing information not available.

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

DATUM.--Elevation of land-surface datum is 300 ft above sea level, from topographic map. Measuring point: Top of plywood shelf, 5.2 ft above land-surface datum. Prior to June 24, 1981, top of casing 1.00 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1994, are also available from the District Office.

PERIOD OF RECORD.--August 1951 to April 1965, instantaneous water levels obtained several times per month. February 1966 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, 7.77 ft below land-surface datum, Mar. 25, 1993; lowest, 16.22 ft below land-surface datum, Nov. 3, 1963.

**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	14.57	14.57	14.88	15.09	12.46	12.17	11.29	12.39	13.34	14.20	14.86	15.19
2	14.59	14.59	14.89	15.10	12.46	12.03	11.39	12.44	13.38	14.23	14.89	15.21
3	14.60	14.61	14.89	15.10	12.26	12.03	11.45	12.49	13.42	14.23	14.91	15.23
4	14.60	14.63	14.91	14.60	12.16	12.00	11.53	12.52	13.46	14.23	14.93	15.25
5	14.61	14.64	14.91	14.27	12.20	12.03	11.64	12.56	13.50	14.24	14.94	15.25
6	14.63	14.65	14.92	14.19	12.24	12.02	11.68	12.60	13.52	14.27	14.96	15.25
7	14.64	14.67	14.93	14.18	12.28	11.99	11.76	12.64	13.56	14.30	14.97	15.14
8	14.64	14.67	14.93	14.20	12.33	12.02	11.82	12.67	13.60	14.32	15.02	15.10
9	14.59	14.70	14.93	14.20	12.33	12.01	11.89	12.72	13.64	14.34	15.04	15.07
10	14.37	14.71	14.93	14.17	12.35	12.03	11.86	12.75	13.69	14.36	15.05	15.07
11	14.09	14.72	14.93	14.05	12.39	12.09	11.80	12.80	13.72	14.39	15.07	14.91
12	14.01	14.72	14.93	14.04	12.41	12.17	11.69	12.85	13.75	14.43	15.09	14.85
13	13.99	14.73	14.93	14.04	12.41	12.25	11.56	12.85	13.77	14.45	15.11	14.83
14	14.01	14.73	14.95	13.99	12.30	12.27	11.62	12.88	13.79	14.47	15.11	14.86
15	14.06	14.73	14.96	13.91	12.26	12.29	11.67	12.91	13.81	14.49	15.12	14.89
16	14.10	14.76	14.96	13.78	12.27	12.29	11.73	12.93	13.82	14.52	15.15	14.89
17	14.15	14.77	14.97	13.66	12.32	12.20	11.80	12.96	13.85	14.53	15.15	12.32
18	14.18	14.79	14.99	13.57	12.32	11.96	11.87	12.99	13.88	14.57	15.17	11.88
19	14.22	14.80	14.99	13.17	11.93	11.84	11.92	13.04	13.89	14.59	15.20	11.82
20	14.26	14.80	15.00	12.91	11.77	11.87	11.98	13.07	13.92	14.61	15.23	11.88
21	14.29	14.81	15.02	12.85	11.81	11.87	12.03	13.11	13.93	14.63	15.23	11.89
22	14.33	14.82	15.02	12.82	11.91	11.48	12.04	13.14	13.95	14.65	15.23	11.84
23	14.36	14.84	15.04	12.81	11.99	10.56	12.06	13.16	13.97	14.66	15.25	11.64
24	14.38	14.85	15.04	12.76	12.04	10.57	12.06	13.17	14.00	14.68	15.26	11.71
25	14.41	14.87	15.04	12.23	12.09	10.69	12.07	13.13	14.03	14.71	15.27	11.84
26	14.45	14.87	15.05	12.05	12.17	10.77	12.10	13.09	14.06	14.73	15.27	11.96
27	14.48	14.85	15.06	12.02	12.23	10.82	12.18	13.13	14.08	14.75	15.26	12.05
28	14.49	14.85	15.08	12.12	12.23	10.90	12.25	13.19	14.11	14.78	15.23	12.13
29	14.51	14.86	15.08	12.23	---	11.03	12.29	13.22	14.13	14.80	15.15	12.17
30	14.53	14.87	15.08	12.33	---	11.14	12.34	13.25	14.16	14.82	15.15	12.18
31	14.54	---	15.09	12.41	---	11.22	---	13.29	---	14.83	15.17	---
MEAN	14.38	14.75	14.98	13.51	12.21	11.70	11.85	12.90	13.79	14.51	15.11	13.61
MAX	14.64	14.87	15.09	15.10	12.46	12.29	12.34	13.29	14.16	14.83	15.27	15.25
MIN	13.99	14.57	14.88	12.02	11.77	10.56	11.29	12.39	13.34	14.20	14.86	11.64

WTR YR 1999: HIGHEST 10.56, MARCH 23; LOWEST 15.27, AUGUST 25, 26.

