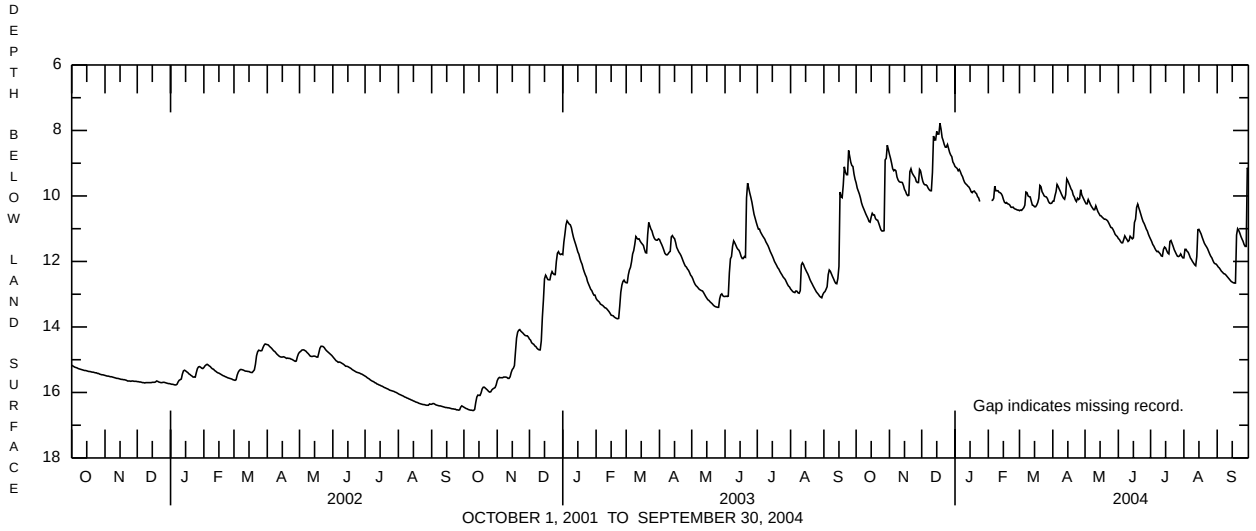
CHESTER COUNTY

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: Privately owned.
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 National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 5.23 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 USGS Pennsylvania Water Science Center 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.--Prior to October 2000, the extremes 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, 7.58 ft below land-surface datum, Dec. 17, 18, 2003; lowest, 16.55 ft below land-surface datum, Oct. 9, 10, 2002.
EXTREMES FOR CURRENT YEAR.--Highest water level, 7.58 ft below land-surface datum, Dec. 17, 18; lowest, 12.66 ft below land-surface datum, Sept. 17, 18.

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	9.60	8.73	9.41	9.10	---	10.45	10.16	10.18	11.30	11.32	11.89	12.12
2	9.76	8.85	9.55	9.13	---	10.43	10.16	10.24	11.33	11.39	11.63	12.17
3	9.85	9.00	9.63	9.16	---	10.44	10.00	10.24	11.39	11.48	11.63	12.20
4	9.94	9.17	9.66	9.23	10.14	10.40	9.87	10.11	11.43	11.53	11.69	12.25
5	10.06	9.23	9.66	9.19	10.13	10.36	9.65	10.18	11.43	11.60	11.72	12.30
6	10.21	9.20	9.69	9.26	10.07	10.28	9.71	10.26	11.33	11.66	11.80	12.33
7	10.31	9.23	9.76	9.35	9.70	9.88	9.79	10.32	11.22	11.70	11.89	12.37
8	10.39	9.42	9.81	9.41	9.84	9.90	9.86	10.37	11.28	11.69	11.94	12.38
9	10.47	9.51	9.84	9.51	9.84	10.00	9.94	10.42	11.33	11.73	12.00	12.41
10	10.55	9.56	9.84	9.59	9.84	10.02	10.01	10.42	11.39	11.77	12.05	12.45
11	10.62	9.58	9.28	9.63	9.89	10.03	10.07	10.30	11.36	11.83	12.10	12.49
12	10.69	9.58	8.17	9.66	9.90	10.16	10.10	10.39	11.23	11.84	12.13	12.53
13	10.78	9.59	8.29	9.70	9.93	10.28	9.96	10.48	11.27	11.63	11.85	12.57
14	10.80	9.68	8.29	9.73	9.99	10.29	9.48	10.54	11.31	11.56	11.03	12.61
15	10.64	9.80	8.03	9.79	10.10	10.33	9.54	10.60	11.28	11.59	11.02	12.63
16	10.53	9.86	8.11	9.87	10.19	10.33	9.62	10.61	10.81	11.67	11.09	12.65
17	10.58	9.95	8.11	9.90	10.22	10.28	9.70	10.65	10.71	11.74	11.16	12.66
18	10.58	9.99	7.78	9.86	10.20	10.20	9.79	10.68	10.35	11.77	11.26	12.66
19	10.69	9.98	7.96	9.85	10.24	10.07	9.84	10.71	10.25	11.39	11.35	11.19
20	10.73	9.26	8.21	9.90	10.25	9.68	9.97	10.71	10.36	11.36	11.44	11.00
21	10.74	9.17	8.31	9.93	10.28	9.72	10.03	10.73	10.46	11.45	11.50	11.05
22	10.83	9.29	8.43	10.02	10.34	9.87	10.12	10.76	10.57	11.54	11.55	11.13
23	10.93	9.35	8.51	10.06	10.35	9.93	10.17	10.82	10.68	11.64	11.61	11.23
24	11.03	9.40	8.51	10.17	10.34	10.00	10.07	10.89	10.78	11.71	11.69	11.31
25	11.07	9.45	8.43	---	10.38	10.02	10.11	10.96	10.84	11.78	11.77	11.38
26	11.07	9.56	8.55	---	10.40	10.03	10.08	10.97	10.92	11.84	11.84	11.48
27	11.06	9.59	8.67	---	10.41	10.08	9.81	11.02	11.01	11.85	11.89	11.54
28	8.90	9.59	8.75	---	10.43	10.17	9.97	11.09	11.07	11.83	11.97	11.54
29	8.85	9.19	8.80	---	10.43	10.22	10.04	11.17	11.17	11.77	12.04	9.14
30	8.45	9.24	8.96	---	---	10.23	10.11	11.21	11.25	11.84	12.07	9.20
31	8.58	---	9.02	---	---	10.22	---	11.24	---	11.89	12.08	---
MEAN	10.30	9.43	8.84	9.62	10.15	10.14	9.92	10.62	11.04	11.66	11.70	11.83
MAX	11.07	9.99	9.84	10.17	10.43	10.45	10.17	11.24	11.43	11.89	12.13	12.66
MIN	8.45	8.73	7.78	9.10	9.70	9.68	9.48	10.11	10.25	11.32	11.02	9.14



OCTOBER 1, 2001 TO SEPTEMBER 30, 2004