

DELAWARE COUNTY

395512075293701, Local number, DE 723.

LOCATION.--Lat 39°55'12", long 75°29'37", Hydrologic Unit 02040203, at Glen Mills School, in Thornbury Township.
 Owner: Glen Mills School.

AQUIFER.--Felsic Hornblende bearing Gneiss of Precambian Age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in., depth 300 ft, casing information not available.

INSTRUMENTATION.--Electronic data logger with 60-minute recording interval.

DATUM.--Elevation of land-surface datum is 280 ft above sea level, from topographic map. Measuring point: Top of plywood shelf, 2.7 ft above land-surface datum. Prior to May 11, 1984, top of plywood shelf 1.20 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.--April 1983 to current year.

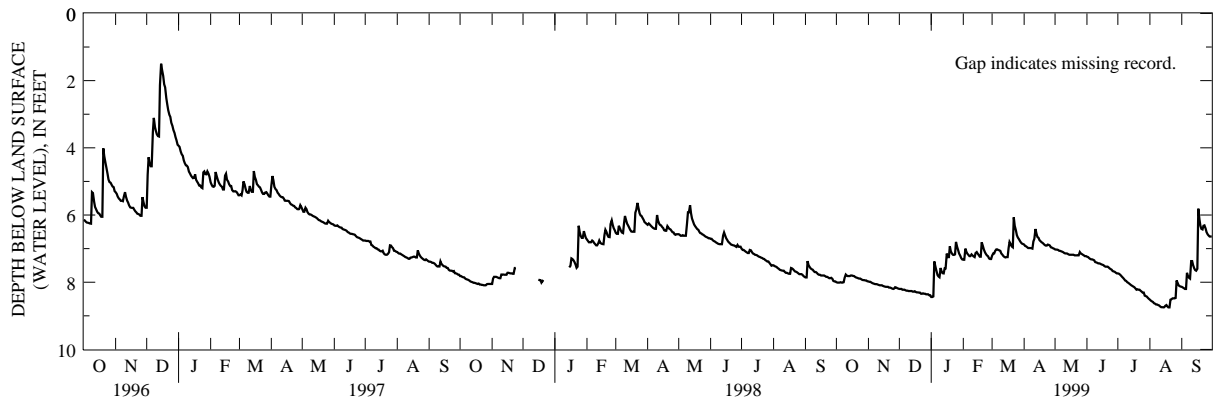
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the daily maximum depth below land surface for the period of record indicated above.

Highest water level, 1.50 ft below land-surface datum, Dec. 15, 1996; lowest, 9.95 ft below land-surface datum, Aug. 3, 1983.

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	8.00	7.98	8.20	8.44	7.33	7.21	6.88	7.02	7.24	7.74	8.52	8.14
2	8.01	7.99	8.20	8.44	7.33	7.14	6.92	7.03	7.25	7.75	8.55	8.16
3	8.01	7.99	8.20	8.42	7.00	7.14	6.93	7.03	7.28	7.77	8.57	8.18
4	8.01	8.01	8.22	7.38	7.09	7.07	6.96	7.04	7.30	7.80	8.59	8.20
5	8.00	8.03	8.22	7.54	7.15	7.02	6.98	7.06	7.32	7.84	8.62	8.20
6	8.01	8.04	8.22	7.66	7.19	7.02	6.98	7.07	7.32	7.87	8.64	7.72
7	8.01	8.05	8.24	7.79	7.22	7.04	6.98	7.08	7.33	7.91	8.66	7.81
8	8.00	8.06	8.25	7.83	7.22	7.05	6.99	7.09	7.35	7.95	8.66	7.87
9	7.87	8.06	8.25	7.85	7.17	7.07	7.00	7.11	7.40	7.96	8.68	7.89
10	7.77	8.07	8.26	7.58	7.20	7.14	6.79	7.13	7.41	8.00	8.69	7.37
11	7.80	8.08	8.26	7.68	7.23	7.18	6.71	7.14	7.42	8.02	8.72	7.37
12	7.82	8.09	8.26	7.73	7.25	7.22	6.42	7.14	7.44	8.04	8.74	7.49
13	7.82	8.09	8.26	7.74	7.13	7.25	6.55	7.15	7.44	8.07	8.74	7.59
14	7.82	8.09	8.28	7.59	7.10	7.26	6.65	7.17	7.45	8.09	8.75	7.64
15	7.80	8.11	8.28	7.59	7.15	7.25	6.68	7.18	7.47	8.11	8.74	7.66
16	7.80	8.12	8.27	7.15	7.19	7.25	6.75	7.18	7.48	8.13	8.70	7.60
17	7.81	8.13	8.29	7.25	7.24	6.98	6.78	7.18	7.49	8.15	8.68	5.81
18	7.82	8.14	8.30	7.25	7.24	6.80	6.81	7.18	7.52	8.19	8.72	6.13
19	7.84	8.14	8.30	6.93	6.81	6.86	6.83	7.18	7.54	8.22	8.75	6.32
20	7.86	8.14	8.31	7.08	6.92	6.93	6.86	7.20	7.54	8.21	8.75	6.41
21	7.87	8.16	8.31	7.15	7.02	6.96	6.89	7.20	7.54	8.22	8.52	6.43
22	7.88	8.16	8.34	7.18	7.11	6.07	6.91	7.20	7.56	8.22	8.50	6.32
23	7.89	8.17	8.34	7.19	7.16	6.32	6.91	7.20	7.59	8.25	8.48	6.31
24	7.89	8.19	8.33	7.17	7.20	6.46	6.88	7.20	7.61	8.28	8.48	6.40
25	7.91	8.20	8.34	6.80	7.23	6.60	6.89	7.10	7.63	8.31	8.48	6.51
26	7.93	8.19	8.34	6.95	7.29	6.67	6.91	7.14	7.67	8.31	8.47	6.58
27	7.94	8.15	8.36	7.04	7.31	6.72	6.96	7.16	7.68	8.40	7.95	6.61
28	7.94	8.16	8.36	7.14	7.31	6.77	6.97	7.18	7.69	8.41	8.03	6.64
29	7.95	8.18	8.36	7.21	---	6.82	6.99	7.20	7.72	8.43	8.10	6.64
30	7.95	8.19	8.39	7.28	---	6.85	7.00	7.22	7.74	8.46	8.12	6.64
31	7.97	---	8.39	7.32	---	6.86	---	7.22	---	8.49	8.13	---
MEAN	7.90	8.11	8.29	7.46	7.17	6.93	6.86	7.14	7.48	8.12	8.54	7.15
MAX	8.01	8.20	8.39	8.44	7.33	7.26	7.00	7.22	7.74	8.49	8.75	8.20
MIN	7.77	7.98	8.20	6.80	6.81	6.07	6.42	7.02	7.24	7.74	7.95	5.81

WTR YR 1999: HIGHEST 5.81, SEPTEMBER 17; LOWEST 8.75, AUGUST 14, 19, 20.



3-YEAR HYDROGRAPH
 OCTOBER 1, 1996 TO SEPTEMBER 30, 1999