

DELAWARE COUNTY

395040075341801. Local number, DE 3.

LOCATION.--Lat 39°50'40", long 75°34'18", Hydrologic Unit 02040205, at Birmingham Township.
 Owner: Mrs. Hope W. Ebert.

AQUIFER.--Oligoclase-mica schist of Wissahickon Formation (age uncertain, Early Paleozoic to Precambrian).

WELL CHARACTERISTICS.--Dug unused water-table well, diameter 42 in., depth 18.4 ft, (formerly reported as 22 ft), cased with stone.

INSTRUMENTATION.--Once daily observer readings with chalked steel tape.

DATUM.--Elevation of land-surface datum is 280 ft above sea level, from topographic map. Measuring point: Top of concrete base, 1.8 ft above land-surface datum.

REMARKS.--Well is dry at 18.3 feet.

PERIOD OF RECORD.--June 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.53 ft below land-surface datum, Dec. 16, 1996; lowest measured, dry many times since 1964.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 ONCE-DAILY

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.30	18.30	18.30	18.30	18.30	---	12.05	12.42	---	15.55	17.18	18.30
2	18.30	18.30	18.30	18.30	18.30	18.21	12.00	12.46	14.10	15.59	17.26	18.30
3	18.30	18.30	18.30	18.30	18.30	18.10	12.00	12.50	14.13	15.64	17.31	18.30
4	18.30	18.30	18.30	18.30	18.30	17.91	11.94	12.55	14.22	15.68	17.36	18.30
5	18.30	18.30	18.30	18.30	18.30	17.85	12.04	12.62	14.27	15.72	17.42	18.30
6	18.30	18.30	18.30	18.30	18.30	17.74	12.05	12.67	14.34	15.77	17.48	18.30
7	18.30	18.30	18.30	18.30	18.30	17.60	12.02	12.72	14.35	15.82	17.55	18.30
8	18.30	18.30	18.30	18.30	18.30	17.51	12.04	12.76	14.40	15.87	17.59	18.30
9	18.30	18.30	18.30	18.30	18.30	17.39	12.06	12.83	14.47	15.94	17.65	18.30
10	18.30	18.30	18.30	18.30	18.30	17.22	12.13	12.90	14.55	15.97	17.71	18.30
11	18.30	18.30	18.30	18.30	18.30	17.10	12.16	12.98	14.61	16.05	17.76	18.30
12	18.30	18.30	18.30	18.30	18.30	16.98	12.02	13.00	14.64	16.11	17.85	18.30
13	18.30	18.30	18.30	18.30	18.30	16.89	12.03	13.03	14.67	16.15	17.90	18.30
14	18.30	18.30	18.30	18.30	18.30	16.78	12.02	13.12	14.70	16.20	17.94	18.30
15	18.30	18.30	18.30	18.30	18.30	16.60	12.02	13.19	14.76	16.24	18.01	18.30
16	18.30	18.30	18.30	18.30	18.30	16.54	11.94	13.24	14.83	16.29	18.08	18.30
17	18.30	18.30	18.30	18.30	18.30	16.41	11.95	13.29	14.87	16.35	18.12	18.30
18	18.30	18.30	18.30	18.30	18.30	16.25	11.96	13.32	14.93	16.40	18.16	17.79
19	18.30	18.30	18.30	18.30	18.30	16.12	11.97	13.35	15.00	16.44	18.22	17.29
20	18.30	18.30	18.30	18.30	18.30	15.99	11.94	13.42	15.04	16.50	18.28	16.97
21	18.30	18.30	18.30	18.30	18.30	15.82	11.98	13.49	15.07	16.57	18.30	16.75
22	18.30	18.30	18.30	18.30	18.30	15.37	11.98	13.52	15.10	16.61	18.30	16.60
23	18.30	18.30	18.30	18.30	18.30	14.77	12.00	13.55	15.15	16.66	18.30	16.47
24	18.30	18.30	18.30	18.30	18.30	14.32	12.09	13.56	15.20	16.71	18.30	16.35
25	18.30	18.30	18.30	18.30	18.30	13.79	12.13	13.66	15.24	16.76	18.30	16.23
26	18.30	18.30	18.30	18.30	18.30	13.37	12.11	13.71	15.29	16.82	18.30	16.18
27	18.30	18.30	18.30	18.30	18.30	12.97	12.18	13.77	15.34	16.89	18.30	16.10
28	18.30	18.30	18.30	18.30	18.30	12.58	12.27	13.84	15.38	16.95	18.30	16.02
29	18.30	18.30	18.30	18.30	---	12.37	12.32	13.88	15.42	17.00	18.30	15.93
30	18.30	18.30	18.30	18.30	---	12.27	12.39	13.95	15.51	17.05	18.30	15.82
31	18.30	---	18.30	18.30	---	12.17	---	13.99	---	17.12	18.30	---
MEAN	18.30	18.30	18.30	18.30	18.30	15.83	12.06	13.20	14.81	16.30	17.94	17.52
MAX	18.30	18.30	18.30	18.30	18.30	18.21	12.39	13.99	15.51	17.12	18.30	18.30
MIN	18.30	18.30	18.30	18.30	18.30	12.17	11.94	12.42	14.10	15.55	17.18	15.82

WTR YR 1999: HIGHEST 11.94, APRIL 4, 16, 20; LOWEST 18.30 (dry), OCTOBER 1 TO FEBRUARY 28, AUGUST 21-SEPTEMBER 17.

