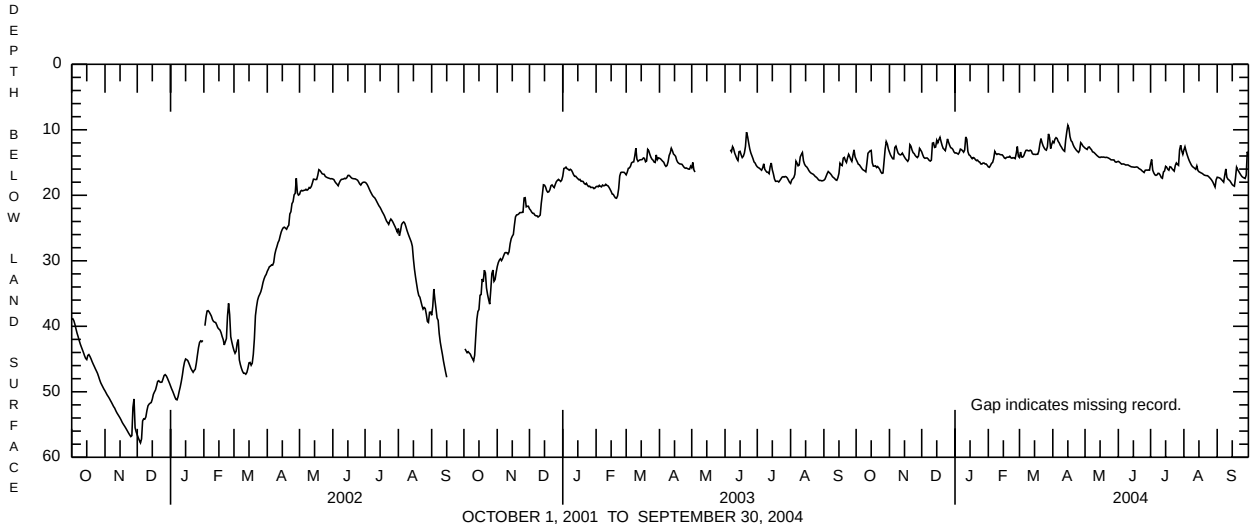
MONTGOMERY COUNTY

401338075162801. Local number, MG 72.
(North Penn Area 7 Project)

LOCATION.--Lat 40°13’38”, long 75°16’27”, Horizontal datum NAD27, Hydrologic Unit 02040203, on Hancock Street near Wissahickon Creek, Upper Gwynedd Township.
Owner: North Penn Water Authority.
AQUIFER.--Shale of Brunswick Group of Triassic Age.
WELL CHARACTERISTICS.--Drilled unused public supply well, diameter 10 in., depth 298 ft, cased to 41.5 ft, open hole.
INSTRUMENTATION.--Electronic data logger with 15-minute recording interval.
DATUM.--Elevation of land-surface datum is 355.1 ft above North American Vertical Datum of 1988, from survey. Measuring point: Top of concrete pad, 0.85 ft above well-house floor and 1.47 ft above land-surface datum.
REMARKS.--Records good except for period July 3 to Sept. 30, which is fair to poor because of applied corrections for drift in transducer ranging from 0.24-1.41 ft per month. In addition to the daily mean water-level table shown below, daily maximum and minimum water levels are also available from the USGS Pennsylvania Water Science Center Office. Water levels may be affected by nearby pumping.
PERIOD OF RECORD.--December 2000 to current year.
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.
Highest water level, 8.68 ft below land-surface datum, Apr. 15, 2004; lowest, 58.03 ft below land-surface datum, Dec. 4, 2001.
EXTREMES FOR CURRENT YEAR.--Highest water level, 8.68 ft below land-surface datum, Apr. 15; lowest, 18.88 ft below land-surface datum, Aug. 30.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.52	13.42	13.37	13.55	15.66	14.23	11.78	12.79	14.82	15.22	13.08	17.24
2	14.87	13.85	13.84	13.53	15.73	13.40	11.99	12.90	14.93	14.54	12.59	17.28
3	15.25	14.14	14.22	13.60	15.46	14.15	11.43	13.00	15.09	16.16	13.24	17.34
4	15.34	14.42	14.35	13.72	15.12	14.17	11.20	12.66	15.24	16.59	13.80	17.43
5	15.59	14.44	14.31	13.47	14.99	13.96	11.33	12.62	15.22	16.87	14.29	17.62
6	15.83	12.70	14.30	12.95	14.40	13.50	11.76	12.86	15.22	16.96	14.72	17.79
7	16.06	12.49	14.45	13.03	13.30	13.15	12.00	13.03	15.30	16.88	15.07	17.99
8	16.17	13.03	14.68	13.20	13.63	13.11	12.38	13.37	15.38	16.64	15.39	16.96
9	16.27	13.54	14.78	13.42	13.77	13.20	12.63	13.42	15.36	16.67	15.62	15.97
10	16.41	13.73	14.63	13.09	13.67	13.22	12.93	13.57	15.37	16.94	15.74	17.25
11	15.13	13.84	12.04	11.09	13.70	13.11	13.15	13.74	15.47	17.30	15.88	17.54
12	13.58	13.78	11.98	11.45	13.79	13.22	13.28	13.91	15.56	17.40	16.03	17.67
13	13.40	13.56	12.69	13.32	13.81	13.64	11.56	14.05	15.65	16.44	15.52	17.83
14	13.21	13.88	12.63	13.82	13.83	13.75	10.31	14.18	15.67	16.28	16.20	18.10
15	13.15	14.17	11.59	13.93	14.04	13.74	9.32	14.23	15.69	15.58	16.40	18.37
16	15.03	14.43	11.98	14.20	14.31	13.77	9.74	14.15	15.72	15.72	16.49	18.52
17	15.55	14.62	11.53	14.41	14.38	13.74	11.03	14.18	15.70	16.03	16.58	18.61
18	15.55	14.81	11.15	14.24	14.21	13.73	11.66	14.16	15.67	16.17	16.66	17.38
19	15.50	14.48	11.79	14.32	14.18	13.25	11.85	14.19	15.72	15.64	16.79	15.71
20	15.76	12.27	12.39	14.56	14.18	12.15	12.31	14.23	15.89	15.70	16.92	16.07
21	15.61	12.51	12.85	14.71	14.04	11.35	12.66	14.20	15.99	15.95	16.97	16.34
22	15.81	13.09	12.99	14.63	14.27	11.97	12.90	14.25	16.09	16.15	17.00	16.63
23	16.05	13.49	13.18	14.86	14.34	12.45	13.13	14.33	16.26	16.31	17.01	16.90
24	16.44	13.63	12.39	14.93	14.25	12.77	13.30	14.42	16.39	15.44	17.15	17.13
25	16.65	13.93	11.39	15.21	14.31	13.02	13.45	14.57	16.52	15.06	17.32	17.26
26	16.59	14.11	11.90	15.23	14.40	13.11	13.13	14.60	16.18	15.27	17.50	17.36
27	14.80	14.24	12.37	15.08	13.59	12.59	11.97	14.59	16.15	15.42	17.72	17.43
28	12.95	14.00	12.73	15.07	12.56	10.62	12.17	14.61	16.16	13.05	18.00	16.92
29	11.80	12.84	12.81	15.22	14.04	11.18	12.47	14.88	16.15	12.35	18.37	13.35
30	12.17	13.08	12.99	15.22	---	12.87	12.63	14.95	16.16	13.21	18.74	13.90
31	12.93	---	13.37	15.42	---	12.24	---	14.87	---	13.74	17.63	---
MEAN	14.97	13.68	12.96	14.02	14.21	13.04	12.05	13.92	15.69	15.73	16.14	17.06
MAX	16.65	14.81	14.78	15.42	15.73	14.23	13.45	14.95	16.52	17.40	18.74	18.61
MIN	11.80	12.27	11.15	11.09	12.56	10.62	9.32	12.62	14.82	12.35	12.59	13.35



OCTOBER 1, 2001 TO SEPTEMBER 30, 2004