

## MONTGOMERY COUNTY

401532075170801. Local number, MG 704.

**LOCATION**--Lat 40°15'30", long 75°17'09", Hydrologic Unit 02040201, in borough park off Wedgewood Drive south of intersection with Tremont Drive, Lansdale.

Owner: North Penn Water Authority.

**AQUIFER**--Shale of Brunswick Group of Triassic Age.

**WELL CHARACTERISTICS**--Drilled unused public supply well, diameter 10 in., depth 400 ft, cased to 83 ft, open hole.

**INSTRUMENTATION**--Electronic data logger with 15-minute recording interval.

**DATUM**--Elevation of land-surface datum is 316.4 ft above sea level, from survey. Measuring point: Top of casing, 0.7 ft above land-surface datum. Horizontal datum is NAD83.

**REMARKS**--Water levels not published from Sept. 1995 to Sept. 1997 are available from the District Office. In addition to the daily mean water-level table shown below, daily maximum and minimum water levels are also available from the District Office.

**PERIOD OF RECORD**--September 1995 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, 15.27 ft below land-surface datum, Dec. 17, 1996; lowest, 21.33 ft below below land-surface datum, Aug. 7, 1999.

**DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998**  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	18.87	18.83	18.13	---	17.02	16.21	16.40	16.66	17.27	17.58	19.43	---
2	19.15	18.61	18.56	---	17.05	16.16	16.24	16.51	17.30	17.96	19.39	---
3	19.08	18.90	18.66	---	16.98	16.17	16.15	16.67	17.29	18.04	19.30	---
4	19.15	18.99	18.29	---	16.74	16.45	15.91	---	17.41	17.98	19.32	---
5	19.18	19.33	18.24	---	16.53	16.62	16.04	---	17.43	18.04	19.38	---
6	19.24	19.19	18.37	---	16.76	16.80	16.15	---	17.56	18.20	19.43	---
7	19.38	18.78	18.56	---	16.85	16.78	16.33	---	17.73	18.18	19.51	---
8	19.51	18.54	18.82	---	16.83	16.69	16.30	---	17.90	18.07	19.62	---
9	19.50	18.42	18.82	---	16.97	16.01	16.11	---	18.04	17.95	19.56	---
10	19.45	18.66	18.63	---	17.06	16.15	16.11	---	18.05	17.90	19.37	---
11	19.61	18.79	18.79	---	16.91	16.52	16.31	---	18.08	17.99	19.27	---
12	19.65	18.83	18.81	---	16.47	16.55	16.40	---	17.87	18.05	19.48	---
13	19.60	18.92	18.66	---	16.86	16.63	16.33	---	17.40	18.12	19.61	---
14	19.52	18.45	18.68	---	17.07	16.30	16.03	---	17.12	18.19	19.56	---
15	19.64	18.58	18.84	---	17.33	16.59	16.02	---	16.99	18.24	19.51	---
16	19.63	18.64	18.77	---	17.33	16.88	16.18	---	17.01	18.20	19.61	---
17	19.57	18.87	18.65	---	16.91	16.93	16.23	---	17.16	18.11	19.59	---
18	19.51	18.89	18.83	---	16.41	16.73	16.68	---	17.19	18.27	---	---
19	19.31	18.70	18.82	---	16.44	16.36	16.58	16.08	17.14	18.46	---	---
20	19.26	18.66	18.81	---	16.37	16.14	16.51	16.16	17.16	18.45	---	---
21	19.40	18.67	19.12	---	16.41	15.79	16.69	16.28	17.36	18.58	---	---
22	19.41	18.42	19.14	---	16.66	15.73	16.64	16.60	17.54	18.59	---	19.33
23	19.55	18.47	18.77	---	16.42	16.02	16.46	16.81	17.52	18.58	---	19.60
24	19.59	18.50	18.88	---	15.90	16.27	16.48	16.98	17.52	18.74	---	19.70
25	19.45	18.57	18.44	---	16.09	16.57	16.70	17.00	17.55	18.94	---	19.63
26	19.53	18.12	18.48	---	16.31	16.36	16.84	17.12	17.43	18.97	---	19.58
27	18.93	18.34	18.31	---	16.22	16.18	16.99	17.32	17.40	18.96	---	19.37
28	19.21	18.43	18.34	---	16.22	16.13	17.15	17.41	17.73	18.92	---	19.44
29	19.33	18.47	---	---	---	16.20	17.04	17.42	17.70	18.91	---	19.65
30	19.35	18.15	---	16.49	---	16.32	16.82	17.45	17.42	19.09	---	19.56
31	19.30	---	---	16.75	---	16.39	---	17.31	---	19.20	---	---
MEAN	19.38	18.66	18.65	16.62	16.68	16.38	16.43	16.86	17.48	18.37	19.47	19.54
MAX	19.65	19.33	19.14	16.75	17.33	16.93	17.15	17.45	18.08	19.20	19.62	19.70
MIN	18.87	18.12	18.13	16.49	15.90	15.73	15.91	16.08	16.99	17.58	19.27	19.33

WTR YR 1998: HIGHEST 15.73, MARCH 22; LOWEST 19.70, SEPTEMBER 24.

MONTGOMERY COUNTY

401532075170801. Local number, MG 704--Continued

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.54	---	20.29	20.80	18.33	17.02	16.90	17.38	18.88	20.14	20.89	20.42
2	19.87	---	20.34	21.01	17.80	17.41	17.00	17.38	18.89	20.16	21.09	20.38
3	20.05	19.83	20.16	20.18	17.76	17.24	17.15	17.35	18.91	20.25	21.21	20.39
4	20.09	19.86	20.24	20.30	17.65	17.09	16.98	17.39	19.15	20.20	21.13	20.50
5	20.05	19.93	20.34	20.36	17.91	17.75	17.46	17.51	19.35	20.16	21.02	20.49
6	20.11	20.03	20.26	20.12	17.69	17.35	17.44	17.64	19.36	20.12	21.16	20.43
7	19.99	20.24	20.27	20.10	17.66	17.49	17.33	17.71	19.19	20.21	21.26	20.31
8	19.66	20.30	20.46	20.14	17.76	17.66	17.23	17.70	19.10	20.27	21.08	20.27
9	19.49	20.34	20.61	19.63	17.84	17.28	17.15	17.85	19.30	20.29	21.15	20.26
10	19.31	20.33	20.60	19.84	17.91	16.96	17.38	18.06	19.63	20.29	21.16	20.15
11	19.32	20.11	20.56	19.83	18.01	17.00	17.22	18.24	19.70	20.60	21.11	20.22
12	19.38	20.42	20.60	19.62	17.65	17.15	16.89	18.11	19.69	20.70	21.22	20.34
13	19.21	20.27	20.27	19.73	17.80	17.43	16.81	18.16	19.59	20.62	21.19	20.26
14	19.05	20.02	20.44	19.92	17.93	17.38	16.73	18.49	19.43	20.67	21.04	20.17
15	19.32	19.92	20.52	19.33	17.85	17.08	16.71	18.67	19.50	20.63	21.07	20.13
16	19.51	20.16	20.21	19.32	17.67	17.29	16.57	18.73	19.60	20.63	21.11	19.47
17	19.48	20.14	20.11	19.43	17.56	16.71	16.73	18.72	19.58	20.64	20.79	19.36
18	19.30	20.57	20.56	18.95	17.49	16.94	16.89	18.66	19.75	20.63	20.64	19.20
19	19.23	20.44	20.69	18.86	17.42	17.20	16.95	18.58	19.90	20.57	20.81	19.00
20	19.32	20.14	20.77	18.87	17.34	17.26	16.89	18.73	19.89	20.67	20.85	18.78
21	19.36	20.38	20.63	18.77	17.37	16.98	16.98	18.77	19.78	20.74	20.81	18.60
22	19.55	20.62	20.47	18.83	17.59	16.62	16.92	18.69	19.68	20.59	20.79	18.47
23	---	20.34	20.98	18.63	17.77	16.80	16.90	18.57	19.64	20.53	20.81	18.48
24	---	20.32	20.76	18.24	17.72	16.52	17.12	18.37	19.65	20.48	20.84	18.46
25	---	20.50	20.85	18.33	17.49	16.60	17.05	18.49	19.63	20.47	20.82	18.55
26	---	20.10	20.62	18.40	17.45	16.74	16.73	18.50	19.69	20.55	20.61	18.85
27	---	20.25	20.75	18.01	17.56	16.68	16.97	18.60	19.74	20.68	20.46	18.92
28	---	20.32	20.55	17.86	17.14	16.57	17.18	18.73	19.63	20.74	20.33	18.91
29	---	20.37	20.27	18.22	---	16.67	17.19	18.86	19.61	20.65	20.26	---
30	---	20.32	20.28	18.40	---	16.98	17.36	18.94	20.02	20.69	20.46	---
31	---	---	20.67	18.65	---	16.98	---	18.90	---	20.85	20.49	---
MEAN	19.55	20.23	20.49	19.31	17.68	17.06	17.03	18.27	19.52	20.50	20.89	19.63
MAX	20.11	20.62	20.98	21.01	18.33	17.75	17.46	18.94	20.02	20.85	21.26	20.50
MIN	19.05	19.83	20.11	17.86	17.14	16.52	16.57	17.35	18.88	20.12	20.26	18.46

WTR YR 1999: HIGHEST 16.52, MARCH 24; LOWEST 21.26, AUGUST 7.

