

MONTGOMERY COUNTY

401442075171501. Local number MG 81.

LOCATION.--Lat 40°14' 41", long 75°17' 13", Hydrologic Unit 02040201, on 2nd Street near the intersection with Wood Street, Lansdale.

Owner: Lansdale Borough.

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

WELL CHARACTERISTICS.--Drilled unused industrial well, diameter 8 in., depth 350 ft, cased to 33 ft, open hole.

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

DATUM.--Elevation of land-surface datum is 343.0 ft above sea level, from survey. Measuring point: Top of casing, 0.7 ft above land-surface datum. Horizontal datum is NAD83.

REMARKS.--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.--November 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, 36.59 ft below land-surface datum, May 19, 1998; lowest, 54.78 ft below below land-surface datum, Jan. 8, 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	43.29	46.79	47.03	47.07	43.83	41.12	39.37	38.06	---	38.39	41.31	44.68
2	43.56	46.83	47.38	46.71	43.69	40.95	39.29	37.76	37.37	38.75	41.37	44.66
3	43.51	47.24	47.37	46.54	43.48	40.83	39.34	37.78	37.40	38.83	41.37	44.87
4	43.62	47.32	46.95	46.51	43.16	41.03	39.10	37.79	37.59	38.77	41.45	44.97
5	43.72	47.57	46.87	46.40	42.88	41.13	39.06	37.77	37.65	38.82	41.58	45.28
6	43.86	47.40	46.99	46.15	43.08	41.23	38.91	37.67	37.82	38.97	41.73	45.23
7	44.07	47.10	47.10	46.01	43.12	41.11	38.84	37.49	37.99	38.94	41.92	45.09
8	44.26	47.02	47.23	45.68	43.02	40.95	38.56	37.11	38.14	38.83	42.12	45.17
9	44.33	47.04	47.12	45.71	43.03	40.26	38.20	36.95	38.26	38.77	42.17	45.45
10	44.40	47.35	46.92	46.04	42.99	40.43	38.17	36.90	38.26	38.79	42.13	45.63
11	44.69	47.45	47.11	45.92	42.76	40.83	38.49	36.84	38.31	38.91	42.22	45.63
12	44.83	47.45	47.10	45.91	42.24	40.81	38.59	36.89	38.16	39.00	42.61	45.58
13	44.92	47.51	46.97	45.62	42.60	40.80	38.50	36.99	37.93	39.06	42.85	45.76
14	45.01	47.10	47.02	45.80	42.72	40.32	38.15	36.94	37.83	39.11	42.89	45.93
15	45.28	47.36	47.12	45.43	42.88	40.50	38.07	36.84	37.91	39.16	42.96	45.96
16	45.45	47.45	47.00	45.00	42.77	40.68	38.12	36.75	38.02	39.14	43.16	46.01
17	45.56	47.63	46.89	45.16	42.25	40.62	38.11	36.78	38.23	39.09	43.23	46.15
18	45.67	47.59	47.04	45.21	41.73	40.31	38.49	36.76	38.32	39.28	43.29	46.29
19	45.70	47.37	46.99	45.09	41.84	39.91	38.34	36.62	38.27	39.50	43.56	46.37
20	45.86	47.36	46.98	45.00	41.83	39.80	38.22	---	38.26	39.52	43.72	46.43
21	46.12	47.44	47.24	45.08	41.84	39.57	38.35	---	38.42	39.67	43.69	46.52
22	46.23	47.31	47.20	45.04	42.03	39.54	38.26	---	38.54	39.72	43.69	46.60
23	46.44	47.45	46.90	44.65	41.69	39.81	38.04	---	38.47	39.78	43.71	46.98
24	46.55	47.47	47.12	44.23	41.18	39.97	38.03	---	38.46	40.02	43.75	47.12
25	46.56	47.52	46.81	44.37	41.37	40.17	38.24	---	38.47	40.28	43.92	47.07
26	46.80	47.12	46.96	44.57	41.54	39.88	38.33	---	38.33	40.36	44.10	47.08
27	46.45	47.33	46.84	44.32	41.36	39.59	38.47	---	38.30	40.39	44.28	46.96
28	46.91	47.38	46.90	43.73	41.25	39.45	38.65	---	38.58	40.40	44.31	47.08
29	47.06	47.33	46.68	43.64	---	39.42	38.57	---	38.54	40.46	44.34	47.23
30	47.11	47.05	46.20	43.56	---	39.45	38.34	---	38.25	40.75	44.50	47.14
31	47.10	---	46.86	43.72	---	39.43	---	---	---	40.95	44.58	---
MEAN	45.32	47.31	47.00	45.29	42.43	40.32	38.51	37.19	38.14	39.43	42.98	46.03
MAX	47.11	47.63	47.38	47.07	43.83	41.23	39.37	38.06	38.58	40.95	44.58	47.23
MIN	43.29	46.79	46.20	43.56	41.18	39.42	38.03	36.62	37.37	38.39	41.31	44.66

WTR YR 1998: HIGHEST RECORDED 36.62, MAY 19; LOWEST 47.63, NOVEMBER 17.

MONTGOMERY COUNTY

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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	47.19	49.43	52.20	54.49	52.58	48.15	44.58	43.02	---	---	50.68	51.73
2	47.51	49.48	52.29	54.62	52.02	48.47	44.52	42.92	---	---	50.93	51.66
3	47.65	49.54	52.22	54.06	52.05	48.26	44.55	42.79	---	---	51.06	51.63
4	47.70	49.63	52.39	54.51	51.92	47.93	44.24	42.74	---	---	51.02	51.66
5	47.74	49.75	52.51	54.63	52.08	48.53	44.52	42.76	---	---	51.03	51.60
6	47.89	49.89	52.49	54.48	51.71	48.03	44.38	42.81	---	---	51.24	51.51
7	47.88	50.12	52.56	54.55	51.56	47.95	44.13	42.83	---	---	51.41	51.40
8	47.74	50.17	52.73	54.60	51.48	48.04	43.93	42.78	---	---	51.32	51.39
9	47.85	50.23	52.88	54.25	51.43	47.52	43.75	42.89	---	---	51.50	51.38
10	47.91	50.32	52.87	54.55	51.32	47.08	43.97	43.03	---	---	51.60	51.27
11	48.06	50.25	52.90	54.56	51.28	47.02	43.94	43.18	---	---	51.63	51.36
12	48.18	50.66	52.98	54.42	50.81	47.01	43.65	43.05	---	---	51.83	51.36
13	48.06	50.59	52.80	54.51	50.87	47.12	43.60	43.08	---	---	51.85	51.16
14	48.01	50.55	53.07	54.66	50.91	46.92	43.47	43.39	---	---	51.78	50.97
15	48.29	50.65	53.13	54.15	50.69	46.48	43.39	43.56	---	---	52.02	50.81
16	48.43	50.96	52.95	54.26	50.38	46.59	43.16	43.60	---	---	52.13	50.11
17	48.39	50.98	53.01	54.41	50.14	46.42	43.27	43.59	---	48.87	51.89	50.25
18	48.27	51.35	53.45	53.99	49.97	46.23	43.40	43.54	---	48.97	51.84	50.26
19	48.30	51.22	53.46	54.03	49.91	46.40	43.40	43.51	---	49.01	52.04	50.04
20	48.43	51.12	53.49	54.08	49.77	46.37	43.26	43.70	---	49.24	52.07	49.72
21	48.51	51.47	53.41	53.96	49.68	46.00	43.28	43.80	---	49.43	52.04	49.42
22	48.70	51.68	53.40	53.95	49.70	45.56	43.17	43.75	---	49.43	52.06	49.20
23	48.80	51.49	53.83	53.74	49.68	45.82	43.09	43.69	---	49.52	52.07	49.14
24	48.79	51.63	53.62	53.38	49.42	45.51	43.28	43.59	---	49.60	52.08	49.01
25	48.82	51.87	53.76	53.52	49.03	45.43	43.21	---	---	49.73	52.03	48.93
26	48.96	51.62	53.68	53.53	48.84	45.44	42.84	---	---	49.90	51.85	48.98
27	49.02	51.97	53.91	53.09	48.82	45.23	42.97	---	---	50.09	51.84	48.84
28	48.82	52.07	53.84	52.88	48.34	44.92	43.11	---	---	50.20	51.84	48.61
29	48.99	52.14	53.80	53.10	---	44.84	43.04	---	---	50.22	51.80	48.28
30	49.12	52.15	54.04	53.05	---	44.98	43.08	---	---	50.36	51.94	48.00
31	49.28	---	54.41	53.03	---	44.84	---	---	---	50.58	51.88	---
MEAN	48.30	50.83	53.16	54.03	50.59	46.62	43.61	43.23	---	49.68	51.69	50.32
MAX	49.28	52.15	54.41	54.66	52.58	48.53	44.58	43.80	---	50.58	52.13	51.73
MIN	47.19	49.43	52.20	52.88	48.34	44.84	42.84	42.74	---	48.87	50.68	48.00

WTR YR 1999: HIGHEST 42.74, MAY 4; LOWEST 54.66, JANUARY 14.

