

MONTGOMERY COUNTY

401523075171801. Local number, MG 82.

LOCATION.--Lat 40°15'23", long 75°17'19", Hydrologic Unit 02040201, at Sewage Treatment Plant on 9th Street, Lansdale.

Owner: Lansdale Borough.

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

WELL CHARACTERISTICS.--Drilled unused industrial well, diameter 8 in., depth 375 ft, cased to 18 ft, open hole.

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

DATUM.--Elevation of land-surface datum is 310.4 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 Oct. 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.--October 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, 5.91 ft below land-surface datum, Dec. 14, 1996; lowest, 15.61 ft below below land-surface datum, Aug. 13, 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	13.08	13.31	12.83	12.02	11.66	11.42	11.56	11.79	11.65	12.35	13.86	13.81
2	13.21	12.82	12.93	12.05	11.71	11.47	10.68	11.67	11.53	12.51	13.92	13.82
3	13.22	12.73	12.97	12.10	11.74	11.46	10.83	11.74	11.43	12.63	13.96	13.61
4	13.23	12.88	12.86	12.16	11.73	11.45	11.00	11.85	11.59	12.72	14.01	13.61
5	13.36	13.13	12.87	12.21	11.51	11.53	11.21	11.97	11.81	12.71	14.08	13.74
6	13.49	13.27	12.92	12.23	11.47	11.59	11.34	11.88	12.04	12.83	14.16	13.79
7	13.52	13.30	12.99	12.14	11.53	11.61	11.47	11.60	12.24	12.91	14.23	13.75
8	---	13.37	13.06	11.72	11.60	11.55	11.56	11.16	12.41	12.82	14.30	13.17
9	---	13.29	13.06	11.68	11.70	10.94	11.37	9.75	12.55	12.31	14.32	12.87
10	---	13.24	12.99	11.77	11.77	11.07	10.37	6.46	12.64	12.32	14.31	12.84
11	---	13.35	12.82	11.81	11.77	11.23	10.80	6.24	12.75	12.48	14.18	13.32
12	---	13.47	12.77	11.92	11.58	11.33	11.07	6.60	12.06	12.61	14.21	13.48
13	---	13.49	12.79	11.92	11.70	11.44	11.19	8.70	11.20	12.74	14.27	13.63
14	---	13.21	12.85	12.04	11.78	11.43	11.25	6.87	10.84	12.84	14.30	13.75
15	---	13.02	12.92	11.97	11.89	11.60	11.36	6.98	11.08	12.97	14.31	13.81
16	---	12.94	12.92	11.61	11.92	11.74	11.43	7.15	11.35	13.04	14.33	13.80
17	---	13.05	13.01	11.65	11.78	11.83	11.50	7.31	11.39	13.10	13.98	13.81
18	---	13.15	13.02	11.67	11.32	11.81	11.76	9.00	11.54	13.19	12.93	13.84
19	---	13.19	13.11	11.67	11.25	11.31	11.77	11.50	11.69	13.28	12.91	13.87
20	---	13.27	13.02	11.69	11.30	11.14	11.58	11.64	11.84	13.35	13.15	13.89
21	13.94	13.33	13.08	11.75	11.39	10.86	11.62	11.77	12.01	13.44	13.32	13.86
22	14.00	12.96	13.07	11.84	11.51	10.85	11.69	11.94	12.16	13.51	13.46	13.75
23	14.08	12.64	12.86	11.39	11.38	11.07	11.73	12.04	12.20	13.55	13.53	13.81
24	13.86	12.62	12.82	10.37	10.97	11.27	11.82	12.16	12.26	13.63	13.58	13.87
25	13.72	12.63	12.49	10.87	11.04	11.43	11.95	12.04	12.34	13.72	13.65	13.90
26	13.57	12.60	12.40	11.30	11.21	11.45	11.98	11.81	12.36	13.78	13.53	13.93
27	12.95	12.74	12.36	11.41	11.28	11.52	11.68	11.96	12.36	13.82	13.52	13.95
28	13.00	12.77	12.28	11.30	11.37	11.59	11.68	12.09	12.51	13.84	13.58	14.02
29	13.17	12.82	12.08	11.33	---	11.70	11.75	12.15	12.56	13.86	13.63	14.08
30	13.09	12.78	11.69	11.43	---	11.79	11.78	12.03	12.42	13.93	13.71	14.10
31	13.34	---	11.92	11.55	---	11.87	---	12.02	---	13.86	13.76	---
MEAN	13.44	13.05	12.77	11.70	11.53	11.43	11.43	10.45	11.96	13.12	13.84	13.72
MAX	14.08	13.49	13.11	12.23	11.92	11.87	11.98	12.16	12.75	13.93	14.33	14.10
MIN	12.95	12.60	11.69	10.37	10.97	10.85	10.37	6.24	10.84	12.31	12.91	12.84

WTR YR 1998: HIGHEST 6.24, MAY 11; LOWEST 14.33, AUGUST 16.

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	14.14	14.35	---	---	---	---	---	12.81	13.84	14.85	15.28	14.31
2	14.22	---	---	---	---	---	---	12.86	13.89	14.89	15.33	14.41
3	14.28	---	---	---	---	---	12.68	12.90	13.94	14.93	15.36	14.52
4	14.24	---	---	---	---	---	12.70	12.96	14.02	14.95	15.37	14.62
5	14.22	---	---	---	---	---	12.86	13.02	14.09	14.97	15.36	14.67
6	14.28	---	---	---	---	---	12.89	13.10	14.19	15.00	15.35	14.67
7	14.30	---	---	---	---	---	12.94	13.16	14.18	15.04	15.40	14.54
8	13.91	---	---	---	---	---	12.97	13.19	14.09	15.00	15.33	14.33
9	12.88	---	---	---	---	---	12.87	13.24	14.13	14.97	15.30	14.32
10	12.56	---	---	---	---	---	12.32	13.32	14.20	14.99	15.39	13.47
11	12.77	---	---	---	---	---	12.15	13.40	14.24	15.05	15.47	13.43
12	13.10	---	---	---	---	---	11.87	13.40	14.27	15.08	15.56	13.69
13	13.26	---	---	---	---	---	11.94	13.43	14.27	15.03	15.57	13.87
14	13.40	---	---	---	---	---	12.06	13.52	14.21	15.03	14.16	14.04
15	13.55	---	---	---	---	---	12.19	13.61	14.16	15.02	14.03	14.05
16	13.67	---	---	---	---	---	12.20	13.67	14.22	14.99	14.29	10.28
17	13.76	---	---	---	---	---	12.10	13.71	14.28	14.91	14.47	7.91
18	13.82	---	---	---	---	---	12.22	13.74	14.35	14.86	14.63	10.56
19	13.88	---	---	---	---	---	12.09	13.74	14.40	14.84	14.76	11.73
20	13.96	---	---	---	---	---	11.92	13.74	14.43	14.69	14.85	12.04
21	14.02	---	---	---	---	---	12.35	13.78	14.43	14.62	14.84	12.06
22	14.12	---	---	---	---	---	12.47	13.80	14.44	14.78	14.89	11.67
23	14.19	---	---	---	---	---	12.48	13.78	14.49	14.91	14.94	11.94
24	14.19	---	---	---	---	---	12.37	13.57	14.45	14.99	14.99	12.22
25	14.21	---	---	---	---	---	12.37	13.35	14.45	15.05	15.00	12.48
26	14.23	---	---	---	---	---	12.36	13.40	14.55	15.09	14.34	12.71
27	14.26	---	---	---	---	---	12.51	13.49	14.62	15.16	13.35	12.87
28	14.23	---	---	---	---	---	12.61	13.58	14.66	15.20	13.46	12.97
29	14.26	---	---	---	---	---	12.67	13.66	14.70	15.22	13.77	13.02
30	14.28	---	---	---	---	---	12.75	13.75	14.79	15.25	14.01	12.65
31	14.32	---	---	---	---	---	---	13.80	---	15.28	14.16	---
MEAN	13.89	14.35	---	---	---	---	12.43	13.43	14.30	14.99	14.81	13.00
MAX	14.32	14.35	---	---	---	---	12.97	13.80	14.79	15.28	15.57	14.67
MIN	12.56	14.35	---	---	---	---	11.87	12.81	13.84	14.62	13.35	7.91

WTR YR 1999: HIGHEST 7.91, SEPTEMBER 17; LOWEST 15.57, AUGUST 13.

