

MONTGOMERY COUNTY

401506075163501. Local number MG 618.

LOCATION.--Lat 40°15' 07", long 75°16' 34", Hydrologic Unit 02040201, on Walnut Street near the intersection with Montgomery Street, Lansdale.
Owner: Lansdale Borough.

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

WELL CHARACTERISTICS.--Drilled unused well, diameter 6 in., depth 343 ft, cased to 47 ft, open hole.

INSTRUMENTATION.--Electronic data logger with 15-minute recording interval. From Nov. 20-24, 1997, a 2-minute recording interval was used. From June to Nov., 1991, daily maximum values were recorded.

DATUM.--Elevation of land-surface datum is 360.4 ft above sea level, from survey. Measuring point: Top of casing, 2.0 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. Water levels in well are affected by nearby pumping. From October 1995 to March 1996, most data are provisional.

PERIOD OF RECORD.--June to November, 1991. 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, 53.40 ft below land-surface datum, Jun. 14, 1998; lowest, 76.17 ft below below land-surface datum, Oct. 25, 1995.

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	60.69	64.94	64.34	---	---	---	---	---	---	54.56	---	---
2	60.83	64.78	64.50	---	---	---	---	---	---	55.03	---	---
3	60.94	65.03	64.46	---	59.86	---	---	---	54.17	55.04	---	---
4	61.13	65.16	64.25	---	59.73	---	---	---	54.17	54.87	---	---
5	60.92	65.45	64.19	---	59.32	---	---	---	54.06	54.87	---	---
6	61.17	65.39	63.74	---	---	---	---	---	53.94	54.96	---	---
7	61.46	65.27	63.45	---	---	---	---	---	53.93	54.97	---	---
8	61.72	65.26	63.38	---	---	---	---	---	53.98	54.89	---	---
9	61.93	64.99	---	---	---	---	---	---	54.08	54.87	---	---
10	62.06	65.18	63.97	---	---	---	---	---	54.01	54.94	---	---
11	62.30	65.27	63.90	---	---	---	---	---	53.98	54.92	---	---
12	62.59	65.31	63.88	---	---	---	---	---	53.89	54.88	---	---
13	62.93	65.37	---	---	---	---	---	---	53.67	55.04	---	---
14	63.10	65.21	---	---	---	---	---	---	53.56	---	---	---
15	63.36	65.38	---	---	---	---	---	---	53.67	---	---	---
16	63.47	65.50	---	---	---	---	---	---	54.04	---	---	---
17	63.62	65.56	---	---	---	---	---	---	54.44	---	---	---
18	63.80	---	---	---	---	---	---	---	54.30	---	---	---
19	63.85	---	---	---	---	---	---	---	54.01	---	---	---
20	63.97	---	---	---	---	---	---	---	53.85	---	---	---
21	64.14	65.98	---	---	---	---	---	---	53.87	---	---	---
22	64.28	66.02	---	---	---	---	---	---	53.86	---	---	---
23	64.44	66.08	---	---	---	---	---	---	53.79	---	---	---
24	64.53	65.81	---	---	---	---	---	---	53.82	---	---	---
25	64.64	---	---	---	---	---	---	---	53.85	---	---	---
26	64.48	64.90	---	---	---	---	---	---	53.71	---	---	---
27	64.24	64.86	---	---	---	---	---	---	53.65	---	---	---
28	64.63	64.41	---	---	---	---	---	---	53.81	---	---	---
29	64.84	64.48	---	---	---	---	---	---	53.90	---	---	---
30	64.99	64.15	---	59.95	---	---	---	---	54.07	---	---	---
31	65.11	---	---	---	---	---	---	---	---	---	---	---
MEAN	63.10	65.22	64.01	59.95	59.64	---	---	---	53.93	54.91	---	---
MAX	65.11	66.08	64.50	59.95	59.86	---	---	---	54.44	55.04	---	---
MIN	60.69	64.15	63.38	59.95	59.32	---	---	---	53.56	54.56	---	---

WTR YR 1998: HIGHEST RECORDED 53.56, JUNE 14; LOWEST RECORDED 66.08, NOVEMBER 23.

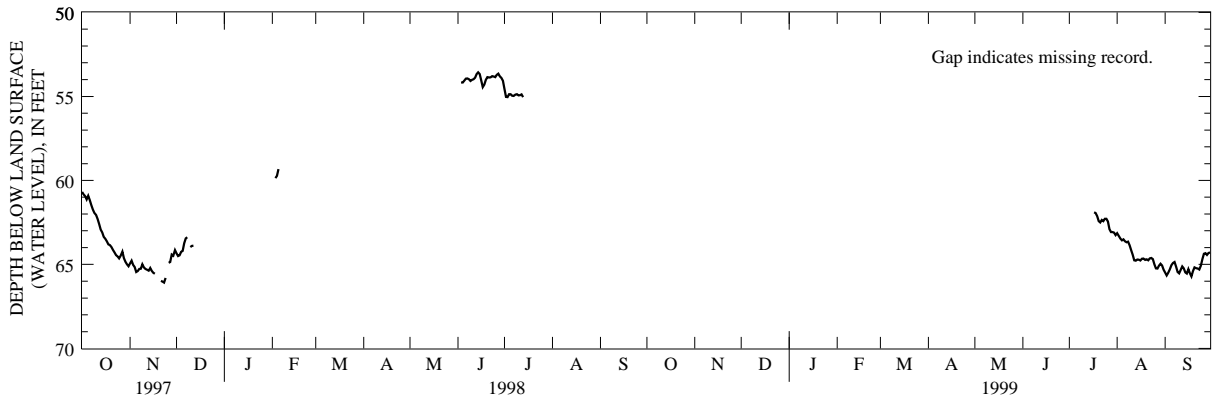
MONTGOMERY COUNTY

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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	---	---	---	---	---	---	---	---	---	---	63.14	65.49
2	---	---	---	---	---	---	---	---	---	---	63.31	65.66
3	---	---	---	---	---	---	---	---	---	---	63.46	65.50
4	---	---	---	---	---	---	---	---	---	---	63.56	65.30
5	---	---	---	---	---	---	---	---	---	---	63.51	65.04
6	---	---	---	---	---	---	---	---	---	---	63.62	64.91
7	---	---	---	---	---	---	---	---	---	---	63.68	64.86
8	---	---	---	---	---	---	---	---	---	---	63.64	65.13
9	---	---	---	---	---	---	---	---	---	---	63.86	65.45
10	---	---	---	---	---	---	---	---	---	---	64.15	65.53
11	---	---	---	---	---	---	---	---	---	---	64.42	65.33
12	---	---	---	---	---	---	---	---	---	---	64.75	65.12
13	---	---	---	---	---	---	---	---	---	---	64.78	65.23
14	---	---	---	---	---	---	---	---	---	---	64.71	65.47
15	---	---	---	---	---	---	---	---	---	---	64.72	65.54
16	---	---	---	---	---	---	---	---	---	---	64.76	65.28
17	---	---	---	---	---	---	---	---	---	61.90	64.66	65.53
18	---	---	---	---	---	---	---	---	---	61.94	64.65	65.72
19	---	---	---	---	---	---	---	---	---	62.12	64.73	65.40
20	---	---	---	---	---	---	---	---	---	62.42	64.70	65.18
21	---	---	---	---	---	---	---	---	---	62.50	64.75	65.22
22	---	---	---	---	---	---	---	---	---	62.35	64.64	65.25
23	---	---	---	---	---	---	---	---	---	62.42	64.62	65.30
24	---	---	---	---	---	---	---	---	---	62.29	64.69	65.07
25	---	---	---	---	---	---	---	---	---	62.29	65.00	64.69
26	---	---	---	---	---	---	---	---	---	62.44	65.24	64.36
27	---	---	---	---	---	---	---	---	---	62.90	65.25	64.33
28	---	---	---	---	---	---	---	---	---	63.07	65.08	64.43
29	---	---	---	---	---	---	---	---	---	63.07	64.96	64.32
30	---	---	---	---	---	---	---	---	---	63.11	65.06	64.29
31	---	---	---	---	---	---	---	---	---	63.26	65.32	---
MEAN	---	---	---	---	---	---	---	---	---	62.54	64.43	65.13
MAX	---	---	---	---	---	---	---	---	---	63.26	65.32	65.72
MIN	---	---	---	---	---	---	---	---	---	61.90	63.14	64.29

WTR YR 1999: HIGHEST RECORDED 61.90, JULY 17; LOWEST RECORDED 65.72, SEPTEMBER 18.



2-YEAR HYDROGRAPH
OCTOBER 1, 1997 TO SEPTEMBER 30, 1999