

MONTGOMERY COUNTY

400808075210401. Local number, MG 225.

LOCATION.--Lat 40°08'08", long 75°21'04", Hydrologic Unit 02040203, at Willow and Locust Streets, Norristown.

Owner: Norristown State Hospital.

AQUIFER.--Sandstone of Stockton Formation of Late Triassic age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 12 in., depth 486 ft (previously reported as 300 ft), cased to 78 ft, open hole.

INSTRUMENTATION.--Electronic data logger with 60-minute recording interval.

DATUM.--Elevation of land-surface datum is 165 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 2.35 ft above land-surface datum. Prior to Mar. 17, 1981, top of casing 0.8 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since October 1994, are also available from the USGS Pennsylvania Water Science Center Office. Water level may be affected by pumping of nearby well.

PERIOD OF RECORD.--September 1956 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 3.38 ft below land-surface datum, Aug. 2, 2004; lowest, 60.25 ft below land-surface datum, Nov. 5, 6, 1963.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.38 ft below land-surface datum, Aug. 2; lowest, 14.38 ft below land-surface datum, (affected by nearby pumping), Jan. 22.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	10.48	9.47	10.15	9.64	8.01	7.57	6.75	5.76	8.07	9.14	5.87	8.30
2	10.60	9.63	10.31	9.76	9.85	7.69	6.70	5.87	8.17	9.12	3.67	8.39
3	10.68	9.76	10.43	9.89	9.41	7.79	6.65	5.95	8.28	9.17	4.08	8.45
4	10.74	9.94	10.51	10.04	11.96	7.87	6.32	5.85	8.37	9.19	4.46	8.53
5	10.90	9.99	10.52	10.09	9.77	7.88	6.04	5.88	8.39	9.20	4.81	8.62
6	11.04	9.78	10.63	10.25	7.59	7.88	5.86	6.02	8.41	9.24	5.12	8.65
7	11.16	9.27	10.78	10.36	5.37	7.88	5.83	6.15	8.47	9.28	5.40	8.69
8	11.28	9.25	10.92	10.46	5.41	7.82	5.91	6.32	8.51	9.26	5.64	8.73
9	11.45	9.34	11.03	10.60	7.02	7.84	6.01	6.40	8.52	9.32	5.86	8.67
10	11.67	9.41	11.03	10.70	8.07	7.86	6.13	6.53	8.58	9.37	6.05	8.77
11	11.83	9.47	10.89	10.72	8.33	7.80	6.28	6.70	8.62	9.41	6.26	8.85
12	11.96	9.48	9.53	10.81	7.64	7.84	6.37	6.84	8.67	9.41	6.43	8.89
13	12.13	9.62	9.51	10.92	7.71	7.97	6.24	6.98	8.73	8.20	6.59	8.95
14	12.16	9.80	9.53	10.98	5.87	7.97	5.25	7.09	8.75	8.15	6.85	9.02
15	12.07	9.99	9.20	11.12	6.17	8.04	4.54	7.19	8.77	8.04	7.04	9.03
16	12.11	10.10	8.85	11.27	7.72	8.03	3.93	7.22	8.80	7.90	7.13	9.03
17	12.19	10.53	8.76	11.38	8.16	7.96	4.09	7.29	8.78	8.05	7.22	9.04
18	12.22	10.88	8.41	11.38	6.74	7.92	4.32	7.36	8.78	8.11	7.34	9.02
19	12.30	10.83	8.37	11.50	7.70	7.78	4.45	7.44	8.84	7.86	7.47	7.79
20	12.38	10.46	8.62	11.65	7.41	7.23	4.70	7.52	8.91	7.88	7.57	7.72
21	12.36	9.64	8.78	11.67	6.84	6.64	4.89	7.55	8.92	7.96	7.61	7.93
22	12.50	9.76	8.95	14.38	7.02	6.62	5.12	7.63	8.95	8.04	7.63	8.11
23	12.66	9.88	9.10	13.60	8.61	8.36	5.30	7.70	8.83	8.12	7.74	8.28
24	12.85	9.96	9.10	8.28	9.95	6.88	5.49	7.76	8.86	7.94	7.89	8.40
25	12.92	10.09	8.79	8.15	9.19	6.78	5.64	7.85	8.88	7.69	8.00	8.48
26	12.94	10.23	8.74	8.17	9.71	6.80	5.62	7.87	8.91	7.73	8.09	8.59
27	12.93	10.30	8.88	8.51	7.38	6.84	5.29	7.88	9.00	7.80	8.16	8.65
28	11.73	10.32	9.00	10.01	7.37	6.97	5.35	7.91	9.04	7.61	8.24	8.65
29	10.95	10.18	9.07	10.78	7.47	7.04	5.50	8.03	9.06	6.41	8.33	6.88
30	9.35	10.05	9.30	9.23	---	7.08	5.63	8.08	9.10	6.04	8.40	4.32
31	9.32	---	9.43	7.84	---	7.04	---	8.08	---	5.88	8.31	---
MEAN	11.67	9.91	9.58	10.46	7.91	7.54	5.54	7.05	8.70	8.27	6.75	8.38
MAX	12.94	10.88	11.03	14.38	11.96	8.36	6.75	8.08	9.10	9.41	8.40	9.04
MIN	9.32	9.25	8.37	7.84	5.37	6.62	3.93	5.76	8.07	5.88	3.67	4.32

