

DAUPHIN COUNTY

402118076462201. Local number, DA 350.

LOCATION.--Lat 40°21'18", long 76°46'22", Hydrologic Unit 02050305, at R. D. 1, Linglestown.

Owner: Privately owned.

AQUIFER.--Hamburg sequence, Early-Middle Ordovician age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 225 ft, cased to 19 ft, open hole.

INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land surface is 450 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 1.30 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level shown below, daily minimum and mean water levels, since October 1994, are also available from the USGS Pennsylvania Water Science Center.

PERIOD OF RECORD.--September 1964 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown 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, 1.15 ft below land-surface datum, June 22, 1972; lowest, 7.02 ft below land-surface datum, July 4, 2005.

EXTREMES FOR CURRENT YEAR.--Highest water level, 2.47 ft below land-surface datum, Mar. 28; lowest, 7.02 ft below land-surface datum, (result of nearby pumping), July 4.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.29	4.99	5.30	4.56	5.16	4.98	5.06	5.71	6.65	6.91	6.29	6.74
2	4.31	4.99	4.98	4.58	5.18	5.05	5.06	5.76	6.65	6.98	6.34	6.79
3	4.23	4.46	5.14	4.54	5.20	5.07	4.60	5.83	6.64	7.00	6.39	6.84
4	4.35	4.46	5.21	4.52	5.20	5.08	4.94	5.89	6.56	7.02	6.43	6.90
5	4.44	4.23	5.34	4.46	5.20	5.10	5.08	5.91	6.62	7.00	6.46	6.91
6	4.52	4.29	5.38	3.92	5.16	5.10	5.17	5.93	6.65	6.86	6.50	6.89
7	4.58	4.35	5.36	4.13	5.10	4.93	5.21	5.97	6.63	6.91	6.48	6.89
8	4.63	4.46	5.35	4.08	5.04	4.71	5.31	6.02	6.67	6.14	6.45	6.89
9	4.68	4.53	5.34	3.96	4.98	4.79	5.36	6.06	6.70	6.27	6.45	6.93
10	4.77	4.57	4.93	4.12	4.94	4.84	5.42	6.09	6.62	6.38	6.49	6.92
11	4.82	4.60	5.00	4.12	4.98	4.85	5.50	6.10	6.66	6.44	6.54	6.93
12	4.85	4.58	5.04	4.08	5.04	4.92	5.53	6.18	6.52	6.50	6.55	6.93
13	4.88	4.41	4.11	4.09	5.09	4.96	5.59	6.21	6.58	6.53	6.58	6.96
14	4.88	4.43	4.20	4.04	5.08	4.98	5.66	6.18	6.64	6.54	6.62	6.98
15	4.88	4.46	4.24	4.16	4.69	5.67	5.73	6.23	6.70	6.56	6.66	6.97
16	4.93	4.48	4.25	4.27	4.76	5.75	5.75	6.29	6.71	6.53	6.68	6.97
17	4.97	4.50	4.27	4.44	4.83	5.79	5.77	6.31	6.76	5.92	6.60	6.90
18	4.99	4.52	4.31	4.59	4.94	5.85	5.83	6.35	6.78	5.49	6.65	6.93
19	4.95	4.57	4.38	4.60	5.01	5.89	5.87	6.40	6.81	5.62	6.64	6.93
20	4.82	4.59	4.51	4.71	5.04	5.88	5.90	6.37	6.82	5.78	6.61	6.94
21	4.84	4.45	4.55	4.85	5.03	5.94	5.96	6.38	6.84	5.87	6.68	6.95
22	4.83	4.47	4.58	4.80	5.03	5.96	5.97	6.43	6.86	5.78	6.73	6.96
23	4.86	4.50	4.52	4.93	4.95	5.92	5.85	6.43	6.90	5.91	6.76	6.98
24	4.89	4.46	4.15	4.92	4.95	5.42	5.39	6.46	6.91	5.99	6.77	6.99
25	4.95	5.14	4.28	4.94	5.00	5.49	5.50	6.46	6.91	5.99	6.77	6.98
26	5.00	5.36	4.36	5.03	5.02	5.54	5.55	6.49	6.92	5.93	6.77	6.93
27	5.19	5.41	4.50	5.10	5.01	5.59	5.60	6.53	6.94	6.04	6.78	6.93
28	5.20	5.39	4.50	5.10	4.96	5.23	5.69	6.54	6.94	6.13	6.72	6.94
29	5.20	5.29	4.55	5.08	---	3.73	5.71	6.57	6.94	6.18	6.71	6.96
30	5.19	5.31	4.57	5.10	---	3.96	5.68	6.61	6.93	6.24	6.71	6.98
31	4.96	---	4.57	5.13	---	4.04	---	6.64	---	6.27	6.68	---
MEAN	4.80	4.67	4.70	4.55	5.02	5.19	5.51	6.24	6.75	6.31	6.60	6.92
MAX	5.20	5.41	5.38	5.13	5.20	5.96	5.97	6.64	6.94	7.02	6.78	6.99
MIN	4.23	4.23	4.11	3.92	4.69	3.73	4.60	5.71	6.52	5.49	6.29	6.74

