

GROUND-WATER-LEVEL STATION RECORDS

ALLEGHENY COUNTY

403734080063001. Local number, AG 700.

LOCATION--Lat 40°37'34", long 80°06'30", Hydrologic Unit 05030101, at State Game Land Number 203, Bradford Woods.

Owner: U.S. Geological Survey.

AQUIFER--Sandstone and shale of Glenshaw Formation of Late Pennsylvanian age.

WELL CHARACTERISTICS--Drilled observation artesian well, diameter 6 in., depth 100 ft, cased to 24 ft, open hole.

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

DATUM--Elevation of land-surface datum is 1,035 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 3.40 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 1987, are available from the USGS Pennsylvania Water Science Center Office.

PERIOD OF RECORD--November 1967 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, 4.67 ft below land-surface datum, Mar. 21, 1997, also May 2, 1998; lowest, 9.29 ft below land-surface datum, Sept. 25, 2002.

EXTREMES FOR CURRENT YEAR--Highest water level, 5.79 ft below land-surface datum, Jan. 13; lowest, 8.58 ft below land-surface datum, Sept. 24, 27.

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	6.47	6.88	6.53	6.65	7.23	6.47	6.83	6.42	6.76	7.66	8.04	8.33
2	6.67	6.78	6.53	6.65	7.24	6.72	6.45	6.43	6.77	7.87	8.06	8.37
3	6.68	6.93	6.42	6.65	7.12	6.85	6.55	6.52	6.71	7.98	8.11	8.47
4	6.67	6.85	6.42	6.62	7.15	6.85	6.68	6.72	6.71	8.03	8.18	8.50
5	6.81	6.68	6.52	6.59	7.18	6.84	6.69	6.73	6.77	8.01	8.28	8.57
6	6.88	6.62	6.49	6.35	7.10	6.83	6.58	6.63	6.77	7.98	8.30	8.57
7	6.93	6.65	6.41	6.47	7.05	6.61	6.46	6.50	6.98	7.93	8.24	8.44
8	6.94	6.83	6.64	6.44	6.86	6.65	6.50	6.57	6.98	7.85	8.23	8.29
9	6.92	6.89	6.63	6.43	6.85	6.69	6.57	6.58	7.06	7.92	8.14	8.24
10	7.07	6.85	6.23	6.27	6.83	6.65	6.58	6.47	7.11	7.92	8.12	8.31
11	7.10	6.63	6.26	6.27	6.83	6.53	6.64	6.63	7.14	7.91	8.16	8.39
12	7.07	6.72	6.27	6.01	6.77	6.64	6.59	6.74	7.12	7.89	8.16	8.35
13	6.83	6.96	6.45	5.97	6.89	6.81	6.56	6.73	7.06	7.85	8.13	8.32
14	6.70	6.98	6.80	6.57	6.78	6.87	6.71	6.53	7.01	7.85	8.32	8.28
15	6.71	6.89	6.91	6.58	6.75	6.92	6.88	6.49	6.98	7.85	8.44	8.38
16	6.95	6.73	6.77	6.45	6.66	6.85	6.96	6.61	7.08	7.86	8.44	8.38
17	7.19	6.61	6.64	6.44	6.66	6.75	6.82	6.63	7.17	7.82	8.44	8.38
18	7.23	6.51	6.53	6.53	6.85	6.81	6.71	6.62	7.35	7.82	8.43	8.48
19	7.06	6.53	6.51	6.28	6.91	6.83	6.67	6.55	7.47	7.89	8.44	8.54
20	7.07	6.59	6.56	6.11	6.90	6.85	6.63	6.50	7.49	7.92	8.48	8.48
21	7.09	6.67	6.52	6.27	6.73	6.99	6.71	6.55	7.43	7.84	8.43	8.52
22	7.08	6.65	6.57	6.21	6.80	7.00	6.67	6.48	7.49	7.88	8.38	8.45
23	6.97	---	6.71	6.67	6.87	6.86	6.34	6.41	7.53	7.93	8.48	8.57
24	6.72	---	6.77	6.67	6.85	6.89	6.33	6.51	7.53	7.89	8.56	8.58
25	6.84	---	6.77	6.40	6.80	6.87	6.49	6.56	7.54	7.84	8.57	8.50
26	6.91	---	6.66	6.74	6.91	6.93	6.50	6.56	7.57	7.85	8.50	8.44
27	6.92	---	6.87	7.08	6.91	6.91	6.53	6.55	7.65	7.93	8.37	8.58
28	6.92	---	6.85	7.09	6.57	6.64	6.56	6.58	7.64	7.97	8.42	8.56
29	6.88	---	6.57	6.94	---	6.84	6.54	6.61	7.62	8.02	8.44	8.54
30	6.63	---	6.57	6.84	---	6.85	6.39	6.65	7.56	8.06	8.35	8.56
31	6.82	---	6.54	6.99	---	6.80	---	6.71	---	8.05	8.24	---
MEAN	6.89	6.75	6.58	6.52	6.89	6.79	6.60	6.57	7.20	7.91	8.32	8.45
MAX	7.23	6.98	6.91	7.09	7.24	7.00	6.96	6.74	7.65	8.06	8.57	8.58
MIN	6.47	6.51	6.23	5.97	6.57	6.47	6.33	6.41	6.71	7.66	8.04	8.24

