

## WASHINGTON COUNTY

400233080261301. Local number, WS 155.

**LOCATION.**--Lat 40°02'33", long 80°26'13", Hydrologic Unit 05030106, at State Game Land Number 245, near Good Intent.

Owner: U.S. Geological Survey.

**AQUIFER.**--Washington Formation of Early Permian age.

**WELL CHARACTERISTICS.**--Drilled observation artesian well, diameter 6 in., depth 160 ft, cased to 19 ft, open hole.

**INSTRUMENTATION.**--Data collection platform with 60-minute recording interval since Aug. 23, 2001. Satellite telemetry at station.

**DATUM.**--Elevation of land-surface datum is 1,110 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.00 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.**--July 1971 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, 32.25 ft below land-surface datum, Jan. 14, 1974; lowest, 39.01 ft below land-surface datum, July 11, 1971.

**EXTREMES FOR CURRENT YEAR.**--Highest water level, 33.00 ft below land-surface datum, Jan. 13; lowest, 37.46 ft below land-surface datum, Sept. 25, 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	36.47	36.06	35.41	35.78	35.56	35.71	35.32	36.01	36.43	36.48	36.95	36.64
2	36.55	36.08	35.05	35.77	35.56	35.90	35.05	36.08	36.45	36.54	36.99	36.68
3	36.55	36.14	34.91	35.76	35.52	35.99	34.89	36.18	36.44	36.59	37.05	36.73
4	36.59	36.01	35.11	34.95	35.52	35.99	35.20	36.27	36.39	36.59	37.11	36.77
5	36.62	36.01	35.40	34.27	35.52	36.05	35.36	36.27	36.41	36.59	37.15	36.82
6	36.64	35.98	35.44	33.35	35.48	36.04	35.48	36.25	36.42	36.59	37.16	36.85
7	36.65	36.05	35.43	33.50	35.42	35.73	35.45	36.27	36.10	36.59	37.15	36.86
8	36.63	36.18	35.67	33.53	35.22	35.23	35.73	36.31	35.81	36.59	37.15	36.88
9	36.61	36.23	35.67	33.54	35.06	35.15	35.88	36.33	35.97	36.58	37.02	36.99
10	36.64	36.23	35.46	33.70	34.42	35.11	36.00	36.39	36.07	36.60	36.93	37.05
11	36.64	36.23	35.43	33.70	34.17	35.13	36.06	36.41	36.07	36.60	36.89	37.11
12	36.61	36.22	35.44	33.51	34.23	35.38	36.06	36.42	35.76	36.61	36.90	37.13
13	36.55	36.19	35.58	33.19	34.44	35.68	36.14	36.38	35.34	36.62	36.94	37.15
14	36.52	36.19	35.80	33.73	34.41	35.84	36.26	36.29	35.49	36.62	37.04	37.19
15	36.52	36.16	35.85	34.00	33.96	35.93	36.38	35.91	35.66	36.64	37.11	37.24
16	36.55	36.13	35.87	34.01	33.73	35.98	36.42	35.64	35.77	36.65	37.11	37.26
17	36.62	36.15	35.83	34.41	35.28	36.03	36.39	35.81	35.87	36.65	36.99	37.29
18	36.63	36.14	35.82	34.59	35.57	36.13	36.39	35.92	35.94	36.64	36.91	37.34
19	36.40	36.15	35.80	34.48	35.80	36.16	36.41	35.95	36.03	36.64	36.86	37.37
20	36.18	35.55	35.86	34.48	35.84	36.22	36.39	35.98	36.14	36.65	36.87	37.37
21	36.24	35.36	35.91	34.80	35.66	36.33	36.41	36.03	36.23	36.65	36.87	37.39
22	36.30	35.46	35.91	34.77	35.84	36.34	36.38	36.03	36.29	36.68	36.87	37.38
23	36.32	35.56	35.86	35.14	35.92	36.26	36.14	36.00	36.33	36.73	36.91	37.44
24	36.34	35.56	35.37	35.15	35.92	35.86	36.06	36.11	36.37	36.73	37.00	37.45
25	36.42	35.66	35.25	35.16	35.98	35.76	35.78	36.17	36.42	36.73	37.02	37.46
26	36.44	35.72	35.46	35.28	36.11	35.86	35.54	36.19	36.47	36.71	37.02	37.41
27	36.46	35.72	35.61	35.46	36.12	35.88	35.72	36.26	36.50	36.74	37.01	37.46
28	36.47	35.69	35.61	35.49	35.90	35.63	35.83	36.27	36.51	36.76	37.04	37.44
29	36.45	35.68	35.68	35.44	---	35.06	35.90	36.30	36.49	36.81	37.02	37.43
30	36.25	35.62	35.68	35.44	---	34.92	35.91	36.33	36.49	36.85	36.87	37.41
31	36.03	---	35.72	35.48	---	35.16	---	36.40	---	36.88	36.66	---
MEAN	36.48	35.94	35.58	34.58	35.29	35.76	35.90	36.17	36.16	36.66	36.99	37.17
MAX	36.65	36.23	35.91	35.78	36.12	36.34	36.42	36.42	36.51	36.88	37.16	37.46
MIN	36.03	35.36	34.91	33.19	33.73	34.92	34.89	35.64	35.34	36.48	36.66	36.64

