

WAYNE COUNTY

414333075153201. Local number, WN 64.

LOCATION.--Lat 41°43'33", long 75°15'32", Hydrologic Unit 02040103, at State Game Land Number 159.

Owner: U.S. Geological Survey.

AQUIFER.--Sand and gravel of Glacial Outwash of Quaternary age.

WELL CHARACTERISTICS.--Drilled observation artesian well, diameter 6 in., depth 52 ft, cased to 52 ft, open hole.

INSTRUMENTATION.--Data collection platform with 30-minute recording interval. Satellite telemetry at station.

DATUM.--Elevation of land-surface datum is 1,350 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 3.92 ft above land-surface datum. Prior to May 7, 1987, top of plywood cover, measuring point above land-surface datum varied.

REMARKS.--Daily maximum water-level data collected prior to May 7, 1987 were referenced to an uncertain datum elevation that cannot be related to any datum after that date. 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.

PERIOD OF RECORD.--October 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, 7.88 ft below land-surface datum, Nov. 17, 1972; lowest, 32.98 ft below land-surface datum, Nov. 9, 10, 11, 1991.

EXTREMES FOR CURRENT YEAR.--Highest water level, 21.38 ft below land-surface datum, Apr. 3; lowest, 30.02 ft below land-surface datum, Sept. 24-26.

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	23.70	24.28	23.00	24.58	24.90	24.60	22.99	23.13	26.46	28.24	29.14	29.53
2	23.66	24.29	22.94	24.63	24.95	24.74	22.65	23.13	26.55	28.29	29.15	29.55
3	23.59	24.40	23.01	24.60	24.98	24.93	21.98	23.18	26.57	28.33	29.18	29.60
4	23.65	24.40	23.07	24.45	25.06	25.00	22.42	23.28	26.63	28.40	29.21	29.64
5	23.80	24.28	23.33	24.19	25.18	25.04	22.53	23.31	26.68	28.45	29.25	29.65
6	23.88	24.27	23.33	23.86	25.26	25.08	22.50	23.30	26.80	28.45	29.28	29.67
7	23.99	24.22	23.26	24.09	25.26	25.08	22.37	23.25	26.84	28.47	29.30	29.69
8	24.06	24.29	23.27	24.03	25.28	25.08	22.70	23.43	26.91	28.47	29.36	29.69
9	24.19	24.37	23.24	24.01	25.31	25.09	22.87	23.59	26.98	28.47	29.30	29.70
10	24.38	24.37	22.99	23.88	25.25	25.06	23.03	23.72	27.03	28.51	29.28	29.72
11	24.53	24.35	22.48	23.91	25.24	25.03	23.10	23.84	27.08	28.55	29.30	29.76
12	24.67	24.38	22.62	23.88	25.21	25.02	23.13	24.04	27.14	28.59	29.34	29.78
13	24.75	24.57	22.84	23.86	25.29	25.08	23.29	24.14	27.21	28.63	29.36	29.81
14	24.95	24.57	23.12	23.69	25.26	25.12	23.52	24.30	27.28	28.69	29.37	29.82
15	25.00	24.56	23.16	23.63	25.11	25.14	23.66	24.48	27.33	28.76	29.39	29.82
16	25.03	24.56	23.14	23.24	24.94	25.14	23.72	24.69	27.40	28.80	29.40	29.82
17	25.03	24.58	23.30	23.12	24.74	25.12	23.75	24.85	27.46	28.81	29.42	29.86
18	25.03	24.61	23.34	23.33	24.61	25.15	23.84	24.97	27.52	28.82	29.46	29.89
19	24.96	24.68	23.65	23.25	24.51	25.15	23.90	25.06	27.62	28.85	29.48	29.94
20	24.57	24.82	23.87	23.35	24.46	25.12	23.97	25.16	27.65	28.88	29.48	29.94
21	24.02	24.88	24.01	23.58	24.31	25.13	24.16	25.29	27.69	28.91	29.51	29.96
22	23.91	24.93	24.15	23.57	24.35	25.14	24.21	25.40	27.73	28.95	29.54	29.98
23	23.87	24.96	24.29	23.81	24.42	25.08	24.21	25.52	27.77	28.96	29.59	30.00
24	23.73	24.96	24.29	23.85	24.45	24.97	24.16	25.68	27.81	28.99	29.61	30.02
25	23.73	24.87	24.11	23.97	24.51	24.95	23.90	25.80	27.89	29.03	29.61	30.02
26	23.82	24.87	24.05	24.21	24.63	24.93	23.82	25.90	27.97	29.06	29.61	30.02
27	23.88	24.62	24.05	24.49	24.66	24.91	23.57	26.03	28.04	29.08	29.62	29.97
28	23.93	24.23	24.05	24.63	24.66	24.75	23.41	26.10	28.11	29.08	29.63	29.97
29	23.92	23.65	24.16	24.62	---	24.09	23.28	26.20	28.16	29.10	29.64	29.98
30	23.92	23.31	24.31	24.67	---	23.79	23.19	26.31	28.18	29.12	29.65	30.00
31	24.07	---	24.36	24.73	---	23.36	---	26.39	---	29.16	29.57	---
MEAN	24.20	24.47	23.51	23.99	24.89	24.90	23.33	24.63	27.35	28.74	29.42	29.83
MAX	25.03	24.96	24.36	24.73	25.31	25.15	24.21	26.39	28.18	29.16	29.65	30.02
MIN	23.59	23.31	22.48	23.12	24.31	23.36	21.98	23.13	26.46	28.24	29.14	29.53

