

VENANGO COUNTY

411958079540202. Local number, VE 57.

LOCATION.--Lat 41°19'58", long 79°54'02", Hydrologic Unit 05010003, at State Game Lands 39.

Owner: U.S. Geological Survey.

AQUIFER.--Shale of Venango Formation of Late Devonian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 215 ft, cased to 9 ft.

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

DATUM.--Elevation of land-surface datum is 1,518 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of pipe on instrument shelf, 2.52 ft above land-surface datum.

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

PERIOD OF RECORD.--Aug. 1974 to Aug. 1977; June 2001 to current year.

EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.

Highest water level, 98.04 ft below land-surface datum, Apr. 12, 2005; lowest, 120.40 ft below land-surface datum, Dec. 15, 16, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 98.04 ft below land-surface datum, Apr. 12; lowest, 112.40 ft below land-surface datum, Sept. 30.

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

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	100.51	103.31	105.52	---	---	99.34	99.51	98.58	100.32	102.88	106.04	109.10
2	100.56	103.27	105.63	---	---	99.71	99.05	98.54	100.36	103.10	106.14	109.21
3	100.68	103.49	105.56	---	---	99.87	98.92	98.62	100.37	103.25	106.23	109.34
4	100.69	103.26	105.56	---	---	99.84	98.93	98.78	100.44	103.33	106.33	109.48
5	100.98	103.41	105.60	104.25	---	99.92	98.75	98.81	100.53	103.37	106.46	109.63
6	101.09	103.45	105.52	103.72	---	99.87	98.50	98.68	100.57	103.50	106.57	109.74
7	101.19	103.51	105.37	103.36	100.95	99.69	98.25	98.59	100.68	103.62	106.65	109.80
8	101.16	103.79	105.56	102.83	100.84	99.75	98.26	98.69	---	103.68	106.76	109.86
9	101.13	103.93	105.49	102.46	100.63	99.72	98.27	98.71	---	103.81	106.84	109.95
10	101.30	103.92	105.29	102.05	100.49	99.51	98.23	98.69	---	103.92	106.90	110.08
11	101.39	103.93	105.26	---	100.42	99.28	98.24	98.82	101.15	103.98	107.01	110.19
12	101.34	104.02	---	---	100.26	99.31	98.14	99.08	101.19	104.04	107.08	110.25
13	101.24	104.25	---	101.03	100.46	99.62	98.17	99.05	101.17	104.09	107.17	110.31
14	101.30	104.38	105.47	101.11	---	99.77	98.32	98.87	101.23	104.19	107.27	110.40
15	101.31	104.40	105.54	100.93	---	99.86	98.50	98.97	101.27	104.31	107.42	110.57
16	101.51	104.41	---	100.53	99.92	99.84	98.59	99.16	101.40	104.42	107.49	110.67
17	101.83	104.47	---	100.43	99.80	99.78	98.47	99.28	101.57	104.51	107.58	110.82
18	102.04	104.52	---	100.42	99.85	99.89	98.45	---	101.78	104.59	107.65	111.02
19	102.03	104.61	---	99.94	99.86	99.92	98.45	---	101.99	104.71	107.72	111.24
20	102.19	104.68	---	100.02	99.73	99.92	98.43	---	102.08	104.84	107.83	111.32
21	102.33	104.87	---	100.13	99.57	100.0	98.57	---	102.05	104.90	107.91	111.53
22	102.45	104.92	---	99.76	---	99.97	98.43	---	102.13	105.00	108.02	111.58
23	102.43	104.95	---	100.20	---	99.65	98.27	---	102.31	105.15	108.14	111.75
24	102.40	104.86	---	100.03	---	99.73	98.31	---	102.37	105.21	108.27	111.97
25	102.65	104.99	105.56	---	---	99.68	98.54	99.68	102.46	105.27	108.37	112.03
26	102.84	105.27	105.49	---	99.72	99.64	98.63	99.71	102.59	105.35	108.40	111.90
27	102.90	105.30	105.60	100.54	99.70	99.52	98.69	99.77	102.71	105.46	108.45	112.12
28	103.00	105.40	---	100.63	99.38	99.21	98.74	99.84	102.74	105.62	108.60	112.14
29	102.91	105.60	---	---	---	99.44	98.64	99.98	102.81	105.75	108.81	112.12
30	102.82	105.57	---	---	---	99.47	98.51	100.09	102.87	105.87	108.85	112.34
31	103.07	---	---	---	---	99.39	---	100.23	---	105.96	108.84	---
MEAN	101.78	104.36	105.50	101.22	100.10	99.68	98.53	99.13	101.60	104.44	107.48	110.75
MAX	103.07	105.60	105.63	104.25	100.95	100.00	99.51	100.23	102.87	105.96	108.85	112.34
MIN	100.51	103.26	105.26	99.76	99.38	99.21	98.14	98.54	100.32	102.88	106.04	109.10

