

JEFFERSON COUNTY

411734078522101. Local number, JE 425.

LOCATION.--Lat 41°17'34", long 78°52'21", Hydrologic Unit 05010006, at State Game Lands 54.

Owner: U.S. Geological Survey.

AQUIFER.--Pottsville Formation, Middle Pennsylvanian age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 152 ft, cased to 20 ft.

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

DATUM.--Elevation of land-surface datum is 2,030 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 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.--October 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, 33.11 ft below land-surface datum, Jan. 7, 2005; lowest, 44.90 ft below land-surface datum, Oct. 11, 2001.

EXTREMES FOR CURRENT YEAR.--Highest water level, 33.11 ft below land-surface datum, Jan. 7; lowest, 41.25 ft below land-surface datum, Sept. 25.

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	36.41	38.86	37.21	35.83	36.23	35.02	36.02	35.41	38.36	39.09	40.10	39.36
2	36.59	38.80	36.53	35.90	36.38	35.38	35.44	35.43	38.44	39.29	40.19	39.35
3	36.82	38.83	36.00	35.73	36.39	35.62	35.14	35.59	38.41	39.50	40.29	39.48
4	36.89	38.47	35.90	34.95	36.58	35.72	35.10	35.85	38.27	39.64	40.39	39.67
5	37.23	38.27	36.00	34.35	36.85	35.85	34.82	36.01	38.26	39.64	40.49	39.88
6	37.43	38.08	35.96	33.56	36.97	35.91	34.58	35.99	38.23	39.35	40.61	40.06
7	37.62	38.01	35.79	33.64	36.93	35.81	34.28	35.97	38.26	39.33	40.67	40.13
8	37.68	38.20	35.95	36.04	36.77	35.50	34.32	36.16	38.33	39.39	40.74	40.13
9	37.68	38.38	35.84	35.76	36.44	35.32	34.37	36.29	38.43	39.57	40.78	40.21
10	37.84	38.42	35.31	35.41	35.95	35.06	34.36	36.35	38.53	39.76	40.79	40.38
11	37.95	38.39	35.03	35.21	35.44	34.82	34.46	36.52	38.62	39.86	40.84	40.51
12	37.91	38.45	34.93	35.01	35.12	34.91	34.45	36.81	38.69	39.94	40.86	40.54
13	37.85	38.66	34.86	34.53	35.29	35.35	34.51	36.90	38.68	39.98	40.87	40.54
14	37.87	38.84	35.17	34.23	35.08	35.64	34.81	36.74	38.72	40.03	40.88	40.57
15	37.87	38.84	35.31	33.95	34.90	35.89	35.10	36.83	38.51	40.13	41.01	40.68
16	37.98	38.77	35.36	33.56	34.28	36.01	35.31	37.08	38.41	40.21	41.05	40.70
17	38.21	38.75	35.47	33.44	34.10	36.06	35.33	37.26	38.48	40.23	41.09	40.74
18	38.46	38.72	35.42	33.56	35.63	36.24	35.41	37.38	38.67	40.21	41.12	40.85
19	38.20	38.74	35.40	33.46	35.64	36.36	35.51	37.44	38.89	40.26	41.04	40.98
20	38.11	38.72	35.66	33.83	35.56	36.28	35.56	37.47	39.04	40.38	40.69	40.97
21	38.24	38.84	35.73	34.04	35.23	36.17	35.80	37.61	39.06	40.42	40.46	41.06
22	38.44	38.80	35.98	34.02	35.32	36.00	35.78	37.60	39.12	40.47	40.54	41.06
23	38.52	38.72	35.55	34.54	35.31	35.56	35.48	37.57	39.30	40.58	40.73	41.10
24	38.50	38.49	34.94	34.61	35.19	35.38	35.23	37.71	39.37	40.61	40.92	41.21
25	38.69	38.07	34.82	34.62	35.19	35.18	35.21	37.85	39.46	40.37	41.06	41.22
26	38.87	38.01	34.74	34.70	35.29	35.12	35.26	37.92	39.56	40.19	41.06	40.94
27	38.98	37.80	34.98	35.40	35.45	35.03	35.22	38.03	39.66	39.61	41.03	40.61
28	39.08	37.40	34.98	35.65	35.17	34.49	35.32	38.10	39.66	39.60	41.04	40.60
29	39.03	37.09	35.36	35.63	---	36.25	35.32	38.11	39.31	39.71	41.10	40.47
30	38.83	36.68	35.57	35.75	---	36.68	35.24	38.22	39.13	39.88	40.67	40.41
31	38.74	---	35.57	36.00	---	36.19	---	38.27	---	40.01	39.66	---
MEAN	38.02	38.37	35.53	34.74	35.67	35.64	35.09	36.98	38.80	39.91	40.73	40.48
MAX	39.08	38.86	37.21	36.04	36.97	36.68	36.02	38.27	39.66	40.61	41.12	41.22
MIN	36.41	36.68	34.74	33.44	34.10	34.49	34.28	35.41	38.23	39.09	39.66	39.35

