

CENTRE COUNTY

404556077525101. Local number, CE 686.

LOCATION.--Lat 40°45'56", long 77°52'51", Hydrologic Unit 02050302, at State College.

Owner: Todd Giddings and Associates.

AQUIFER.--Nittany Formation, Early-Lower Ordovician Age.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 345 ft, 6 in. steel casing to 84 ft, 4 in. slotted pvc casing from 0-345 ft..

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

DATUM.--Elevation of land surface is 1,222.6 ft above National Geodetic Vertical Datum of 1929, from local survey. Measuring point: Top of casing, 1.80 ft above land-surface datum.

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

PERIOD OF RECORD.--September 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, 30.17 ft below land-surface datum, Sept. 29, 2004; lowest, 142.15 ft below land-surface datum, Mar. 14, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 30.17 ft below land-surface datum, Sept. 29; lowest, 71.61 ft below land-surface datum, July 26.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	52.41	58.36	55.29	49.14	51.99	63.26	51.45	50.10	57.54	67.57	65.77	60.38
2	52.39	58.62	55.44	49.17	52.42	62.96	50.24	50.18	57.99	68.00	65.30	60.28
3	52.48	58.86	55.59	49.13	52.60	61.75	49.47	50.03	58.49	68.45	65.12	60.28
4	52.37	59.15	55.57	48.94	53.25	60.56	49.08	49.96	58.96	68.82	65.08	60.32
5	52.59	59.44	55.50	47.26	53.81	58.99	49.14	50.00	59.16	68.84	64.10	60.50
6	52.91	59.58	55.53	45.86	53.86	56.98	49.10	50.28	59.40	69.01	63.27	60.68
7	53.19	59.86	55.72	45.08	54.10	55.33	48.97	50.57	59.95	69.25	62.98	60.84
8	53.49	60.32	56.05	44.50	54.96	54.31	49.03	50.84	60.49	69.41	63.00	60.94
9	53.79	60.78	56.28	44.21	55.35	53.96	49.12	51.02	60.98	69.78	63.15	57.64
10	54.07	61.09	56.31	44.26	55.64	53.90	49.33	51.33	61.34	70.13	63.20	53.21
11	54.38	61.25	54.15	44.14	56.19	53.67	49.64	51.70	61.32	70.50	63.28	51.04
12	54.59	61.31	51.62	44.07	56.60	53.67	49.90	52.11	61.32	70.60	63.44	49.74
13	55.02	61.58	50.43	44.30	57.00	54.03	49.50	52.48	61.46	69.31	63.04	49.25
14	55.15	62.14	49.53	44.52	57.37	54.07	48.99	52.89	61.71	68.83	63.06	49.02
15	54.98	62.54	49.18	44.77	58.03	54.15	49.04	53.20	62.01	68.87	63.25	48.92
16	55.33	62.95	49.00	45.23	58.71	54.15	49.11	53.66	62.32	69.22	63.46	48.84
17	55.63	63.41	48.71	45.48	59.13	54.24	49.12	54.13	62.62	69.65	63.77	48.65
18	55.77	63.76	48.73	45.52	59.43	54.46	49.28	54.38	62.98	69.87	64.02	41.37
19	56.01	62.95	48.90	46.07	59.67	54.71	49.40	54.51	63.37	69.98	64.33	35.74
20	56.45	59.88	49.18	46.63	59.90	54.45	49.67	54.73	63.77	70.18	64.53	33.31
21	56.47	58.13	49.53	46.98	60.03	53.15	49.88	54.85	64.20	70.48	64.08	31.99
22	56.89	57.34	49.70	47.18	60.55	52.52	50.25	54.54	64.42	70.78	63.26	31.29
23	57.40	57.04	49.71	47.75	60.91	52.14	50.39	54.46	64.45	70.98	63.08	30.85
24	58.08	56.82	49.44	48.16	61.13	51.95	50.51	54.78	64.69	71.06	63.26	30.63
25	58.53	56.79	49.01	48.77	61.58	51.85	50.60	55.20	65.08	71.27	63.52	30.51
26	58.78	56.73	48.88	49.09	62.03	51.75	50.05	55.51	65.36	71.49	63.77	30.59
27	58.48	56.81	48.84	49.32	62.44	51.65	49.60	55.84	65.82	70.54	63.98	30.65
28	57.95	56.46	48.84	49.79	62.80	51.77	49.78	56.09	66.25	68.21	64.11	30.48
29	57.71	55.82	48.75	50.31	63.04	51.94	49.92	56.63	66.66	67.34	64.02	30.22
30	57.99	55.45	48.77	50.68	---	52.06	50.02	57.01	67.13	67.15	62.03	30.29
31	58.14	---	48.94	51.36	---	51.97	---	57.22	---	66.77	60.76	---
MEAN	55.47	59.51	51.52	47.02	57.74	54.72	49.65	53.23	62.37	69.43	63.65	45.28
MAX	58.78	63.76	56.31	51.36	63.04	63.26	51.45	57.22	67.13	71.49	65.77	60.94
MIN	52.37	55.45	48.71	44.07	51.99	51.65	48.97	49.96	57.54	66.77	60.76	30.22

