

PIKE COUNTY

410940074583401. Local number, PI 200.

LOCATION.--Lat 41°09'40", long 74°58'34", Hydrologic Unit 02040104, at Pocono Mountain Lake Estates.

Owner: Pocono Mountain Lake Estates.

AQUIFER.--Sandstone and siltstone of Towamensing Member of Catskill Formation of Late Devonian age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 8 in., depth 799 ft, cased to 86 ft, open hole.

INSTRUMENTATION.--Electronic data logger with 30-minute recording interval.

DATUM.--Elevation of land-surface datum is 1,180 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 3.27 ft above land-surface datum. Prior to October 1983, published as 1.4 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 1994, are also available from the USGS Pennsylvania Water Science Center Office.

PERIOD OF RECORD.--July 1981 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, 24.30 ft below land-surface datum, June 1, 1984; lowest recorded, 98.67 ft below land-surface datum, Sept. 10, 26-29, Oct. 1 1998.

EXTREMES FOR CURRENT YEAR.--Highest water level, 40.20 ft below land-surface datum, Dec. 4; lowest, 97.45 ft below land-surface datum, Sept. 18.

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	57.04	64.95	59.62	66.92	73.03	63.39	56.43	58.48	70.03	73.57	81.75	80.05
2	57.99	66.46	52.92	67.76	73.37	63.72	56.70	58.51	69.35	74.13	79.17	80.45
3	58.15	67.86	44.99	68.77	71.65	64.18	55.24	58.48	68.99	76.82	78.74	87.15
4	60.90	67.83	46.41	69.43	68.52	64.13	52.68	58.47	69.06	78.17	78.19	93.39
5	61.09	57.96	52.98	69.43	67.03	64.01	53.47	58.72	69.10	78.05	78.21	93.51
6	62.53	60.40	56.94	68.67	66.78	64.65	54.35	59.17	68.97	78.19	81.97	87.45
7	64.43	65.02	58.91	68.54	66.41	64.65	54.97	60.61	67.97	76.99	84.92	84.99
8	66.08	67.00	59.90	68.64	65.39	64.18	55.42	60.87	67.38	74.95	84.53	84.49
9	69.20	68.82	61.70	63.47	65.35	63.35	56.14	61.05	67.67	74.55	79.70	84.12
10	72.17	69.60	61.79	59.24	65.24	62.86	57.16	61.19	68.60	77.41	78.01	91.19
11	72.17	69.60	61.28	63.17	64.21	62.59	58.37	62.43	71.85	77.45	77.94	91.21
12	70.04	64.60	61.51	64.02	63.27	62.45	58.70	62.78	72.02	76.51	77.85	88.16
13	69.40	55.42	61.66	65.10	63.63	63.20	59.35	65.05	69.76	76.10	78.47	86.82
14	69.24	51.45	58.00	65.10	63.62	63.13	59.73	67.25	68.39	76.17	80.00	87.25
15	69.37	48.94	59.93	63.02	62.75	62.68	61.04	66.97	68.46	75.85	80.11	88.40
16	58.90	47.72	60.77	61.59	60.86	62.67	63.61	63.82	70.13	74.41	79.46	88.41
17	64.03	49.03	61.80	60.26	60.00	62.60	63.80	63.66	70.14	74.68	78.54	92.67
18	65.50	57.07	63.16	56.22	59.04	62.13	63.80	65.26	76.12	74.53	77.81	97.45
19	59.12	61.23	64.39	55.59	59.82	63.63	63.49	65.27	76.30	72.66	77.73	96.94
20	51.62	64.70	66.15	57.88	60.92	63.63	64.47	65.18	72.71	72.31	78.86	91.12
21	57.92	67.08	67.15	59.31	61.77	63.18	64.53	64.93	71.36	72.35	83.46	88.98
22	62.29	67.43	69.24	60.53	62.55	62.12	64.01	66.07	70.98	72.42	83.63	86.64
23	65.05	67.99	70.25	61.67	62.68	61.41	62.87	65.89	70.31	75.39	81.83	86.17
24	65.45	68.40	70.22	62.08	62.31	60.82	62.53	64.06	70.79	76.86	80.47	86.97
25	61.52	68.39	69.18	62.46	62.30	60.44	60.38	63.91	75.88	77.64	80.46	92.31
26	58.43	67.95	69.12	63.82	62.93	60.72	58.38	63.71	78.87	78.04	80.30	91.90
27	51.69	68.27	69.37	66.66	63.37	60.91	57.81	64.52	80.07	78.03	81.74	86.76
28	48.37	68.26	69.35	68.61	63.50	60.54	57.68	67.29	79.84	76.93	82.66	85.31
29	46.48	66.27	67.50	70.58	---	58.00	57.94	70.68	75.98	77.62	82.60	84.72
30	57.70	59.17	66.84	72.21	---	55.61	58.29	71.90	74.57	78.91	81.43	84.56
31	64.72	---	66.92	72.14	---	55.42	---	71.49	---	81.94	80.45	---
MEAN	61.89	63.16	62.26	64.61	64.37	62.16	59.11	63.80	71.72	76.12	80.35	88.32
MAX	72.17	69.60	70.25	72.21	73.37	64.65	64.53	71.90	80.07	81.94	84.92	97.45
MIN	46.48	47.72	44.99	55.59	59.04	55.42	52.68	58.47	67.38	72.31	77.73	80.05

