

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

DATUM.--Elevation of land-surface datum is 1,180 ft above sea level, from topographic map. Measuring point: Top of plywood shelf, 3.3 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 District Office.

PERIOD OF RECORD.--July 1981 to current year.

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

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. Maximum depth below land surface was actually lower than 98.67 ft on Sept. 10, 17, 18, 24-30 and Oct. 1, 2, 1998 when the transducer limit was exceeded.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999
 MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	98.67	95.74	96.92	98.15	73.77	72.45	73.75	66.77	83.68	77.86	80.75	81.22
2	98.66	95.84	96.10	98.42	74.10	69.63	75.45	73.17	82.02	77.86	80.31	80.71
3	97.84	95.81	95.39	98.42	73.98	70.08	71.35	76.29	80.11	80.17	80.22	81.58
4	96.48	96.02	95.01	98.13	72.49	66.62	63.85	70.26	79.41	84.36	80.29	81.88
5	96.37	95.99	94.71	97.33	71.90	67.57	66.74	73.92	81.01	86.77	83.23	83.35
6	96.21	96.04	94.73	95.96	72.27	62.28	59.87	70.17	81.63	88.28	84.75	83.87
7	95.50	96.06	94.92	94.27	72.69	67.46	52.51	75.66	82.04	88.29	85.35	84.89
8	95.44	96.36	94.56	93.18	73.46	71.70	58.82	72.24	81.71	83.15	86.30	84.19
9	94.83	96.88	94.98	92.90	73.70	73.35	67.93	78.01	78.45	79.79	85.69	81.44
10	94.81	96.92	95.20	92.30	73.69	74.49	73.44	80.43	78.60	79.39	84.44	80.74
11	95.43	96.94	95.27	90.06	73.75	74.56	76.18	76.31	79.67	79.73	83.57	80.37
12	95.67	97.23	94.66	88.07	74.77	65.73	77.11	79.18	82.27	79.91	78.27	82.14
13	95.37	97.37	94.88	86.88	72.64	71.97	71.38	81.26	85.92	78.82	80.82	83.60
14	94.85	97.39	95.17	86.66	63.91	72.59	72.04	83.78	86.21	77.55	81.74	83.93
15	94.24	97.89	95.28	86.26	66.92	65.90	66.62	86.28	85.09	76.95	82.47	81.69
16	93.99	97.99	95.08	85.63	70.91	67.71	72.83	88.14	84.72	76.96	83.03	79.99
17	94.56	97.57	94.99	85.49	72.65	70.81	72.82	88.24	81.18	79.88	82.74	77.11
18	95.68	97.40	94.85	85.54	71.44	74.37	66.90	87.15	80.02	81.48	83.42	71.33
19	96.58	96.58	94.70	84.52	74.96	74.87	70.54	86.21	81.13	81.06	81.16	65.87
20	96.24	96.30	94.89	80.98	77.29	67.34	64.19	85.43	82.35	79.89	81.69	63.90
21	95.42	96.47	95.11	79.08	78.33	72.44	56.56	83.92	82.30	78.66	79.49	60.75
22	95.23	96.77	95.01	78.11	78.50	72.89	59.55	82.82	78.76	78.14	80.65	59.94
23	94.99	96.83	95.38	---	78.49	61.49	68.15	82.76	77.24	76.14	80.34	58.83
24	94.64	96.79	95.63	---	78.28	63.30	72.83	81.60	77.18	83.01	81.01	58.84
25	95.14	96.85	96.11	---	74.05	59.32	73.24	80.79	79.98	85.86	82.66	59.22
26	95.22	97.24	96.42	---	76.90	65.63	65.95	79.34	81.81	85.65	83.23	61.07
27	94.99	97.37	96.54	69.80	80.30	71.21	71.70	77.73	85.36	82.22	81.32	61.42
28	94.70	97.36	96.83	69.76	80.55	75.34	72.32	76.70	85.61	81.53	81.66	62.16
29	94.49	97.41	97.07	70.71	---	77.50	64.78	79.91	81.40	79.63	82.39	62.10
30	94.57	97.33	97.21	71.58	---	77.58	66.35	81.93	79.43	79.12	83.69	61.12
31	94.83	---	98.06	72.89	---	67.73	---	83.30	---	79.79	82.06	---
MEAN	95.54	96.82	95.54	86.34	74.17	69.87	68.19	79.67	81.54	80.90	82.22	73.31
MAX	98.67	97.99	98.06	98.42	80.55	77.58	77.11	88.24	86.21	88.29	86.30	84.89
MIN	93.99	95.74	94.56	69.76	63.91	59.32	52.51	66.77	77.18	76.14	78.27	58.83

WTR YR 1999: HIGHEST 52.51, APRIL 7; LOWEST RECORDED 98.67, OCTOBER 1.

