

PIKE COUNTY

411833075133601. Local number PI 522.

LOCATION.--Lat 41°18' 33", long 75°13' 36", Hydrologic Unit 02040103, at Promised Land State Park.

Owner: U.S. Geological Survey.

AQUIFER.-- Catskill Formation.

WELL CHARACTERISTICS.--Drilled unused public supply well, diameter 6 in., depth 150 ft, cased to 28 ft, open hole.

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

DATUM.--Elevation of land-surface datum is 1,730 ft above National Geodetic Vertical Datum of 1929, from survey. Measuring point: Top of casing, 3.64 ft above land-surface datum.

REMARKS.--In addition to the daily mean water-level table shown below, daily maximum and minimum water levels are also available from the District 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 datum for the period of record indicated above.

Highest water level, 26.63 ft below land-surface datum, Mar. 30, 31, 2003; lowest, 40.96 ft below land-surface datum, Sept. 15, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 26.63 ft below land-surface datum, Mar. 30, 31; lowest, 38.90 ft below land-surface datum, Oct. 10.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38.62	33.95	33.53	34.01	34.89	32.61	26.80	35.86	32.35	29.58	38.34	38.15
2	38.61	34.20	33.87	33.54	35.00	32.61	26.87	35.95	30.26	30.96	38.37	37.53
3	38.63	34.45	34.28	32.98	35.08	32.71	26.93	36.08	28.99	---	38.44	37.15
4	38.66	34.64	34.57	32.27	35.05	32.78	27.16	36.21	28.39	---	38.34	36.44
5	38.68	34.91	34.79	32.00	35.14	32.79	27.41	36.31	28.07	---	38.23	35.81
6	38.76	34.95	35.05	31.94	35.19	32.77	27.74	36.36	28.07	34.73	38.15	35.54
7	38.77	35.09	35.29	---	35.12	32.77	28.04	36.45	28.03	35.08	38.08	35.46
8	38.84	35.11	35.64	---	35.13	32.73	28.56	36.50	27.88	35.37	38.02	35.54
9	38.85	35.12	35.97	---	35.12	32.69	29.06	36.56	28.04	---	38.00	35.77
10	38.89	35.12	36.16	---	35.10	32.74	29.62	36.66	28.34	---	37.71	36.04
11	37.59	35.17	36.34	32.23	35.13	32.79	30.28	36.73	28.66	36.18	37.34	36.24
12	34.45	35.32	36.17	32.23	35.14	32.84	31.04	36.66	29.10	36.25	36.79	36.37
13	32.48	35.09	36.02	32.12	35.19	32.94	31.46	36.66	29.68	---	36.33	36.49
14	31.02	34.86	34.86	32.07	35.22	33.11	31.52	36.65	---	---	36.21	36.61
15	30.18	34.63	33.72	32.22	35.26	33.22	31.61	36.59	---	---	36.37	36.62
16	29.37	34.43	32.61	32.46	35.33	---	31.87	36.51	---	---	36.54	36.67
17	28.42	33.37	31.97	32.64	35.32	---	32.34	---	33.49	37.33	36.65	36.75
18	28.07	31.99	31.38	32.76	35.36	---	33.13	---	33.75	37.45	36.76	36.76
19	27.90	30.76	31.12	33.10	35.42	---	33.49	---	34.02	37.59	36.86	36.65
20	27.96	29.87	30.82	33.34	35.45	---	33.78	---	34.18	37.70	36.97	36.63
21	28.18	29.37	30.46	33.63	35.46	---	33.93	---	32.93	37.77	37.09	36.59
22	28.55	29.13	30.17	33.84	35.30	---	34.24	---	29.77	37.69	37.21	36.51
23	29.11	29.08	30.04	34.03	34.75	---	34.56	36.77	27.75	37.80	37.40	34.86
24	30.02	29.20	30.04	34.18	33.95	---	34.81	36.79	27.11	37.89	37.53	32.79
25	31.37	29.39	30.15	34.24	33.17	---	35.01	36.82	26.91	37.97	37.62	31.15
26	32.31	29.74	30.76	34.32	32.83	---	35.21	36.49	26.97	38.01	37.71	30.07
27	33.09	30.15	31.59	34.54	32.63	26.99	35.38	35.49	27.23	38.06	37.81	29.57
28	33.27	30.92	32.53	34.62	32.59	27.12	35.52	34.76	27.58	38.09	37.93	29.20
29	33.39	31.88	33.36	34.71	---	27.05	35.68	34.30	28.08	38.19	38.00	29.27
30	33.54	32.87	33.68	34.81	---	26.69	35.78	34.08	28.75	38.26	38.07	29.54
31	33.69	---	33.97	34.86	---	26.68	---	34.03	---	38.32	38.17	---
MEAN	33.59	32.83	33.26	33.32	34.80	31.33	31.63	36.09	29.42	36.65	37.52	34.96
MAX	38.89	35.32	36.34	34.86	35.46	33.22	35.78	36.82	34.18	38.32	38.44	38.15
MIN	27.90	29.08	30.04	31.94	32.59	26.68	26.80	34.03	26.91	29.58	36.21	29.20

