

LUZERNE COUNTY

411756076162701. Local number, LU 294.

LOCATION.--Lat 41°17'56", long 76°16'27", Hydrologic Unit 02050107, at Ricketts Glen Park, and near Red Rock.

Owner: Commonwealth of Pennsylvania.

AQUIFER.--Catskill Formation, Late Devonian age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 167 ft, cased to 40 ft, open hole.

INSTRUMENTATION.--Continuous strip-chart recorder; electronic data logger with 60-minute recording interval since April 1999.

DATUM.--Elevation of land surface is 1,245 ft above sea level, from topographic map. Measuring point: Top of casing, 2.7 ft above land-surface datum; 2.8 ft above land-surface datum since April 19, 1999.

REMARKS.--Well levels effected by nearby intermittent pumpage. In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since April 1999, are also available from the District Office.

PERIOD OF RECORD.--November 1994 to current year.

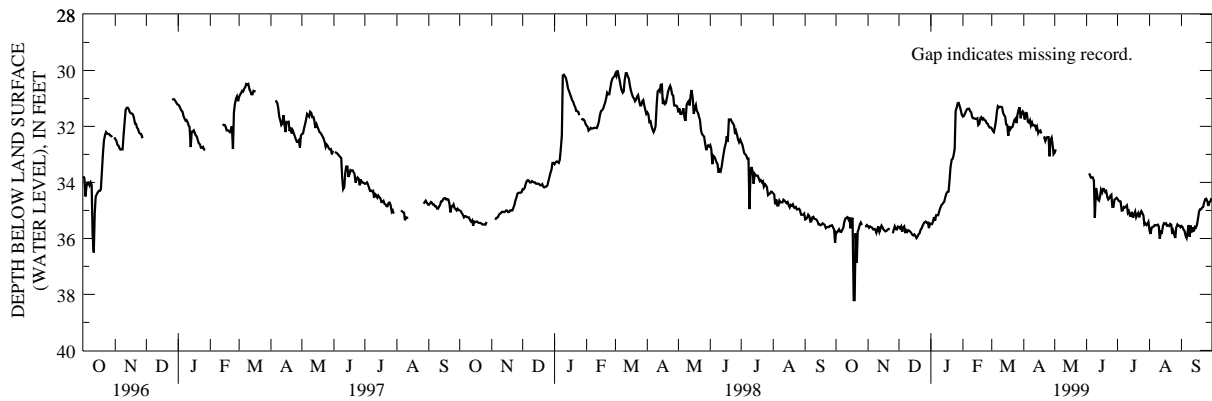
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are the extremes of the daily maximum depth below land-surface for the period of record indicated above.

Highest water level, 29.98 ft below land-surface datum, Jan. 30, 1996; lowest, 38.20 ft below land-surface datum, Oct. 18, 19, 1998.

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	35.77	35.57	35.60	35.49	31.65	32.07	31.56	32.94	---	34.58	35.72	35.56
2	35.78	35.62	35.64	35.49	31.62	32.16	31.75	32.82	---	34.66	35.84	35.60
3	35.72	35.57	35.57	35.40	31.54	32.20	31.52	---	33.69	34.67	35.61	35.69
4	35.67	35.60	35.76	35.24	31.45	32.05	31.53	---	33.71	34.68	35.59	35.73
5	35.76	35.62	35.61	35.37	31.39	31.79	31.83	---	33.83	35.01	35.58	35.91
6	35.77	35.68	35.57	35.17	31.37	31.47	31.86	---	33.83	35.00	35.52	35.99
7	35.70	35.66	35.81	35.17	31.37	31.28	31.78	---	33.82	34.88	35.53	35.78
8	35.62	35.67	35.71	35.17	31.45	31.32	31.97	---	33.93	34.90	35.53	35.52
9	35.41	35.80	35.76	35.04	31.50	31.30	31.86	---	35.27	34.87	35.51	35.94
10	35.29	35.68	35.71	34.91	31.67	31.30	31.96	---	34.20	34.82	35.57	35.54
11	35.26	35.57	35.73	34.82	31.71	31.32	31.96	---	34.35	35.08	36.01	35.78
12	35.24	35.76	35.76	34.78	31.71	31.51	31.96	---	34.61	35.03	35.76	35.61
13	35.32	35.66	35.81	34.73	31.73	31.61	32.09	---	34.65	35.19	35.79	35.75
14	35.24	35.54	35.87	34.68	31.73	31.65	32.01	---	34.51	35.19	35.55	35.59
15	35.64	35.60	35.89	34.53	31.71	31.93	32.24	---	34.26	35.05	35.46	35.62
16	35.33	35.68	35.86	34.39	31.95	31.95	32.16	---	34.36	35.26	35.49	35.51
17	35.26	35.72	35.91	34.34	31.90	32.34	32.14	---	34.23	35.15	35.46	35.30
18	38.20	35.75	35.99	34.33	31.70	32.00	32.25	---	34.24	35.04	35.55	35.03
19	38.20	35.73	35.94	33.94	31.67	32.10	---	---	34.34	35.24	35.54	34.96
20	35.82	35.69	35.85	33.48	31.75	32.04	32.38	---	34.31	35.16	35.56	34.96
21	36.87	35.66	35.82	33.19	31.72	32.02	32.39	---	34.52	35.09	35.48	34.90
22	35.76	35.67	35.68	33.16	31.78	31.89	32.52	---	34.61	35.25	35.51	34.88
23	35.66	---	35.64	33.05	31.79	31.77	32.40	---	34.57	35.14	35.84	34.72
24	35.50	---	35.54	32.80	31.88	31.72	32.38	---	34.47	35.03	35.73	34.60
25	35.43	35.82	35.46	31.45	31.91	31.88	32.38	---	34.44	35.09	35.88	34.58
26	35.52	35.67	35.42	31.31	31.99	31.58	33.07	---	34.87	35.18	35.98	34.67
27	---	35.57	35.40	31.17	32.04	31.40	32.49	---	34.87	35.50	35.61	34.84
28	---	35.67	35.44	31.16	32.04	31.32	32.40	---	34.62	35.46	35.50	34.72
29	35.58	35.68	35.43	31.30	---	31.71	32.64	---	34.58	35.52	35.54	34.67
30	35.57	35.58	35.63	31.43	---	31.52	32.99	---	34.55	35.48	35.55	34.56
31	35.52	---	35.47	31.58	---	31.46	---	---	---	35.41	35.60	---
MEAN	35.77	35.66	35.69	33.81	31.70	31.73	32.15	32.88	34.37	35.08	35.63	35.28
MAX	38.20	35.82	35.99	35.49	32.04	32.34	33.07	32.94	35.27	35.52	36.01	35.99
MIN	35.24	35.54	35.40	31.16	31.37	31.28	31.52	32.82	33.69	34.58	35.46	34.56

WTR YR 1999: HIGHEST 31.16, JANUARY 28; LOWEST 38.20, OCTOBER 18, 19.



3-YEAR HYDROGRAPH
OCTOBER 1, 1996 TO SEPTEMBER 30, 1999