

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.--Electronic data logger with 60-minute recording interval. Landline telemetry at station.

DATUM.--Elevation of land surface is 1,245 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.79 ft above land-surface datum; 2.79 ft above land-surface datum since April 19, 1999.

REMARKS.--Well levels affected 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.

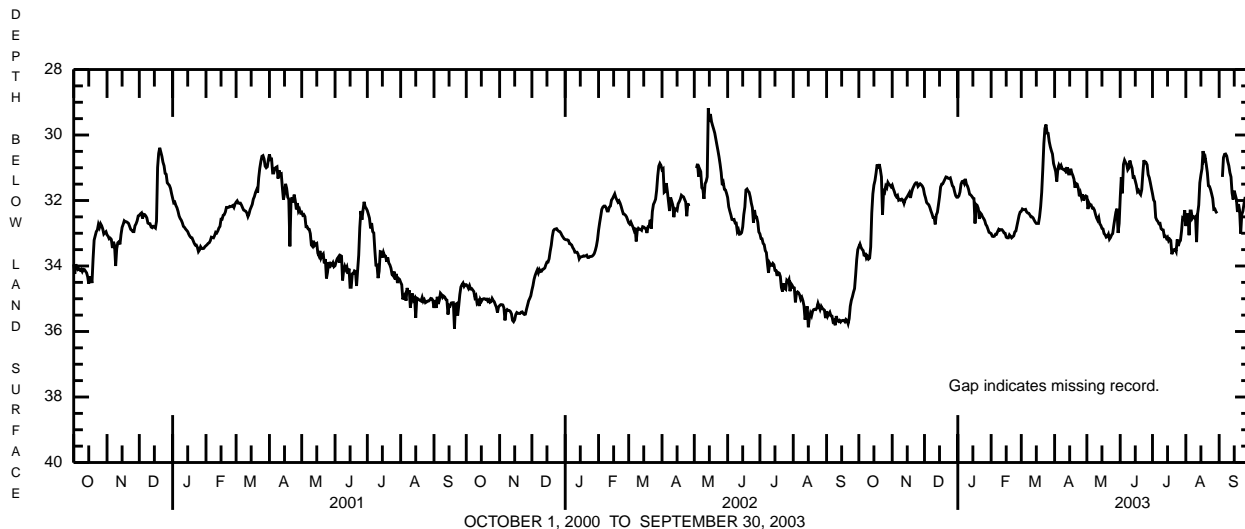
EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes shown were based on extremes of the daily maximum depth below land-surface datum. Since that date, the extremes are based on the instantaneous depth below land-surface datum.

Highest water level, 28.72 ft below land-surface datum, May 14, 2002; lowest, 38.20 ft below land-surface datum, Oct. 18, 19, 1998.

EXTREMES FOR CURRENT YEAR.--Highest water level, 29.60 ft below land-surface datum, Mar. 24; lowest, 33.79 ft below land-surface datum, Oct. 10.

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

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 33.41 | 31.53 | 31.81 | 31.90 | 33.01 | 32.33 | 30.99 | 31.88 | 31.92 | 31.79 | 32.78 | --- |
| 2 | 33.33 | 31.64 | 31.92 | 31.86 | 33.09 | 32.26 | 31.12 | 32.26 | 31.29 | 31.98 | 32.49 | --- |
| 3 | 33.43 | 31.73 | 32.06 | 31.74 | 33.10 | 32.28 | 31.42 | 32.08 | 31.78 | 32.04 | 32.40 | --- |
| 4 | 33.49 | 31.84 | 32.10 | 31.50 | 33.09 | 32.28 | 31.04 | 32.15 | 30.90 | 32.52 | 33.06 | 31.28 |
| 5 | 33.53 | 31.89 | 32.13 | 31.42 | 33.03 | 32.27 | 30.92 | 32.14 | 30.77 | 32.60 | 32.32 | 30.69 |
| 6 | 33.70 | 31.85 | 32.21 | 31.41 | 33.03 | 32.35 | 30.99 | 32.23 | 30.84 | 32.64 | 32.32 | 30.59 |
| 7 | 33.60 | 31.99 | 32.32 | 31.48 | 32.95 | 32.38 | 30.93 | 32.23 | 30.89 | 32.71 | 32.55 | 30.58 |
| 8 | 33.76 | 31.97 | 32.41 | 31.34 | 32.88 | 32.39 | 31.03 | 32.29 | 31.06 | 32.70 | 32.50 | 30.64 |
| 9 | 33.71 | 31.99 | 32.52 | 31.50 | 32.91 | 32.44 | 31.05 | 32.42 | 31.01 | 32.86 | 32.52 | 30.81 |
| 10 | 33.79 | 31.96 | 32.52 | 31.56 | 32.89 | 32.50 | 31.07 | 32.53 | 30.78 | 32.89 | 32.49 | 30.94 |
| 11 | 33.76 | 31.99 | 32.73 | 31.66 | 32.89 | 32.50 | 31.04 | 32.60 | 30.91 | 32.90 | 33.27 | 31.15 |
| 12 | 33.42 | 32.09 | 32.44 | 31.81 | 32.93 | 32.53 | 31.17 | 32.52 | 31.01 | 33.10 | 32.40 | 31.28 |
| 13 | 32.38 | 31.98 | 32.36 | 31.83 | 32.99 | 32.60 | 30.99 | 32.71 | 31.29 | 33.09 | 32.14 | 31.77 |
| 14 | 31.80 | 31.93 | 32.13 | 31.87 | 33.00 | 32.66 | 31.19 | 32.76 | 31.28 | 33.16 | 31.46 | 31.97 |
| 15 | 31.53 | 31.88 | 31.89 | 31.92 | 33.12 | 32.70 | 31.19 | 32.85 | 31.40 | 33.12 | 31.22 | 31.70 |
| 16 | 31.39 | 31.82 | 31.59 | 31.94 | 33.14 | 32.70 | 31.03 | 32.87 | 31.53 | 33.23 | 31.03 | 31.83 |
| 17 | 31.16 | 31.76 | 31.50 | 32.70 | 33.14 | 32.70 | 31.16 | 33.01 | 31.73 | 33.18 | 30.49 | 31.96 |
| 18 | 30.90 | 31.92 | 31.49 | 32.12 | 33.05 | 32.50 | 31.24 | 33.05 | 31.69 | 33.22 | 30.76 | 32.35 |
| 19 | 31.02 | 31.76 | 31.42 | 32.15 | 33.09 | 32.19 | 31.35 | 33.12 | 31.77 | 33.64 | 30.69 | 32.11 |
| 20 | 30.89 | 31.64 | 31.35 | 32.24 | 33.14 | 31.75 | 31.61 | 33.10 | 31.82 | 33.55 | 30.90 | 32.30 |
| 21 | 31.06 | 31.57 | 31.28 | 32.56 | 33.11 | 31.06 | 31.48 | 33.03 | 31.67 | 33.50 | 31.15 | 33.01 |
| 22 | 31.28 | 31.50 | 31.29 | 32.38 | 33.08 | 30.26 | 31.50 | 33.18 | 31.19 | 33.49 | 31.55 | 32.43 |
| 23 | 32.43 | 31.46 | 31.32 | 32.42 | 32.96 | 29.80 | 31.62 | 33.13 | 30.77 | 33.56 | 31.57 | 32.33 |
| 24 | 31.71 | 31.46 | 31.33 | 32.50 | 32.93 | 29.68 | 31.87 | 33.05 | 30.85 | 33.19 | 31.67 | 32.12 |
| 25 | 31.75 | 31.57 | 31.31 | 32.55 | 32.77 | 29.94 | 31.77 | 33.01 | 30.84 | 33.39 | 31.80 | 31.93 |
| 26 | 31.56 | 31.53 | 31.43 | 32.61 | 32.61 | 29.95 | 31.91 | 32.77 | 30.91 | 33.27 | 31.94 | 31.93 |
| 27 | 31.61 | 31.49 | 31.55 | 32.73 | 32.45 | 30.20 | 31.81 | 32.55 | 31.21 | 33.22 | 32.27 | 31.96 |
| 28 | 31.45 | 31.52 | 31.59 | 32.78 | 32.35 | 30.36 | 32.00 | 32.35 | 31.30 | 32.94 | 32.26 | 31.77 |
| 29 | 31.51 | 31.56 | 31.73 | 32.87 | --- | 30.48 | 31.90 | 32.25 | 31.46 | 32.54 | 32.34 | 31.81 |
| 30 | 31.53 | 31.63 | 31.85 | 32.97 | --- | 30.58 | 31.86 | 32.99 | 31.63 | 32.57 | 32.39 | 31.84 |
| 31 | 31.58 | --- | 31.90 | 32.99 | --- | 30.87 | --- | 32.70 | --- | 32.30 | --- | --- |
| MEAN | 32.31 | 31.75 | 31.85 | 32.11 | 32.95 | 31.66 | 31.34 | 32.64 | 31.25 | 32.93 | 31.96 | 31.67 |
| MAX | 33.79 | 32.09 | 32.73 | 32.99 | 33.14 | 32.70 | 32.00 | 33.18 | 31.92 | 33.64 | 33.27 | 33.01 |
| MIN | 30.89 | 31.46 | 31.28 | 31.34 | 32.35 | 29.68 | 30.92 | 31.88 | 30.77 | 31.79 | 30.49 | 30.58 |



OCTOBER 1, 2000 TO SEPTEMBER 30, 2003