

LANCASTER COUNTY

400506076235201. Local number, LN 514.

LOCATION.--Lat 40°05'06", long 76°23'52", Hydrologic Unit 02050306, near Landisville.

Owner: Benjamin Landis.

AQUIFER.--Kinzers Formation, Early Cambrian age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 6 in., depth 260 ft, casing information not available.

INSTRUMENTATION.--Electronic data logger with 60-minute recording interval.

DATUM.--Elevation of land surface is 415 ft above sea level, from topographic map. Measuring point: Top of casing, 1.0 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level table shown below, daily minimum and mean water levels, since June 1999, are also available from the District Office.

PERIOD OF RECORD.--January 1964 to June 24, 2001 (discontinued).

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, 16.89 ft below land-surface datum, Mar. 28, 1994; lowest, 35.47 ft below land-surface datum, Nov. 15, 1967.

EXTREMES FOR CURRENT YEAR.--Highest water level, 28.60 ft below land-surface datum, Apr. 2; lowest, 33.35 ft below land-surface datum, Nov. 22.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001  
MAXIMUM VALUES

| DAY  | OCT   | NOV   | DEC   | JAN   | FEB   | MAR   | APR   | MAY   | JUN   | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|
| 1    | 32.33 | 33.05 | 33.11 | 32.75 | 32.47 | 32.63 | 28.88 | 31.75 | 32.71 | --- | --- | --- |
| 2    | 32.44 | 33.06 | 33.12 | 32.87 | 32.36 | 32.64 | 28.64 | 31.87 | 32.70 | --- | --- | --- |
| 3    | 32.56 | 33.05 | 33.13 | 32.87 | 32.36 | 32.73 | 28.69 | 32.03 | 32.73 | --- | --- | --- |
| 4    | 32.62 | 33.12 | 33.13 | 32.81 | 32.39 | 32.68 | 28.84 | 32.16 | 32.76 | --- | --- | --- |
| 5    | 32.65 | 33.09 | 33.15 | 32.83 | 32.45 | 32.63 | 28.99 | 32.26 | 32.77 | --- | --- | --- |
| 6    | 32.68 | 33.07 | 33.15 | 32.85 | 32.49 | 32.65 | 29.07 | 32.39 | 32.77 | --- | --- | --- |
| 7    | 32.71 | 33.07 | 33.17 | 32.87 | 32.54 | 32.64 | 29.24 | 32.48 | 32.78 | --- | --- | --- |
| 8    | 32.73 | 33.08 | 33.19 | 32.88 | 32.57 | 32.62 | 29.38 | 32.52 | 32.79 | --- | --- | --- |
| 9    | 32.75 | 33.08 | 33.20 | 32.89 | 32.57 | 32.59 | 29.52 | 32.59 | 32.80 | --- | --- | --- |
| 10   | 32.77 | 33.07 | 33.20 | 32.91 | 32.52 | 32.60 | 29.71 | 32.64 | 32.80 | --- | --- | --- |
| 11   | 32.79 | 33.07 | 33.23 | 32.92 | 32.16 | 32.61 | 29.85 | 32.67 | 32.91 | --- | --- | --- |
| 12   | 32.81 | 33.09 | 33.23 | 32.99 | 32.11 | 32.62 | 29.88 | 32.71 | 32.90 | --- | --- | --- |
| 13   | 32.82 | 33.09 | 33.26 | 32.99 | 32.15 | 32.59 | 29.97 | 32.70 | 32.87 | --- | --- | --- |
| 14   | 32.83 | 33.09 | 33.26 | 32.96 | 32.23 | 32.36 | 30.11 | 32.80 | 32.87 | --- | --- | --- |
| 15   | 32.85 | 33.23 | 33.03 | 32.95 | 32.24 | 32.23 | 30.23 | 32.74 | 32.86 | --- | --- | --- |
| 16   | 32.86 | 33.23 | 33.04 | 32.96 | 32.27 | 32.23 | 30.23 | 32.74 | 32.84 | --- | --- | --- |
| 17   | 32.87 | 33.11 | 32.96 | 32.97 | 32.24 | 32.20 | 30.20 | 32.75 | 32.80 | --- | --- | --- |
| 18   | 32.87 | 33.13 | 29.67 | 32.98 | 32.26 | 32.22 | 30.18 | 32.75 | 32.83 | --- | --- | --- |
| 19   | 32.87 | 33.13 | 29.92 | 32.97 | 32.34 | 32.25 | 29.88 | 32.82 | 32.84 | --- | --- | --- |
| 20   | 32.89 | 33.13 | 30.43 | 32.45 | 32.34 | 32.28 | 29.78 | 32.82 | 32.86 | --- | --- | --- |
| 21   | 32.89 | 33.15 | 30.83 | 32.59 | 32.41 | 32.27 | 29.85 | 32.79 | 32.87 | --- | --- | --- |
| 22   | 32.92 | 33.35 | 31.16 | 32.70 | 32.47 | 32.01 | 29.96 | 32.73 | 32.87 | --- | --- | --- |
| 23   | 32.94 | 33.33 | 31.63 | 32.70 | 32.54 | 31.47 | 30.05 | 32.75 | 32.82 | --- | --- | --- |
| 24   | 32.96 | 33.18 | 31.96 | 32.71 | 32.58 | 31.18 | 30.19 | 32.79 | 32.86 | --- | --- | --- |
| 25   | 32.98 | 33.17 | 32.18 | 32.75 | 32.58 | 31.11 | 30.40 | 32.80 | ---   | --- | --- | --- |
| 26   | 32.99 | 33.16 | 32.36 | 32.75 | 32.63 | 31.16 | 30.62 | 32.76 | ---   | --- | --- | --- |
| 27   | 32.99 | 33.07 | 32.51 | 32.78 | 32.64 | 31.26 | 30.79 | 32.68 | ---   | --- | --- | --- |
| 28   | 33.01 | 33.11 | 32.62 | 32.79 | 32.62 | 31.37 | 31.00 | 32.65 | ---   | --- | --- | --- |
| 29   | 33.03 | 33.11 | 32.67 | 32.79 | ---   | 31.47 | 31.24 | 32.67 | ---   | --- | --- | --- |
| 30   | 33.07 | 33.09 | 32.70 | 32.78 | ---   | 31.44 | 31.49 | 32.69 | ---   | --- | --- | --- |
| 31   | 33.07 | ---   | 32.73 | 32.53 | ---   | 29.50 | ---   | 32.70 | ---   | --- | --- | --- |
| MEAN | 32.82 | 33.13 | 32.48 | 32.82 | 32.41 | 32.07 | 29.90 | 32.59 | 32.82 | --- | --- | --- |
| MAX  | 33.07 | 33.35 | 33.26 | 32.99 | 32.64 | 32.73 | 31.49 | 32.82 | 32.91 | --- | --- | --- |
| MIN  | 32.33 | 33.05 | 29.67 | 32.45 | 32.11 | 29.50 | 28.64 | 31.75 | 32.70 | --- | --- | --- |

