

DELAWARE COUNTY

395512075293701, Local number, DE 723.

LOCATION.--Lat 39°55'12", long 75°29'37", Hydrologic Unit 02040203, at Glen Mills School, in Thornbury Township.
 Owner: Glen Mills School.

AQUIFER.--Felsic Hornblende bearing Gneiss of Precambian Age.

WELL CHARACTERISTICS.--Drilled unused artesian well, diameter 6 in., depth 300 ft, casing information not available.

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

DATUM.--Elevation of land-surface datum is 280 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of plywood shelf, 2.66 ft above land-surface datum. Prior to May 11, 1984, top of plywood shelf 1.20 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.--April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Prior to October 2000, the extremes 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, 1.50 ft below land-surface datum, Dec. 15, 1996; lowest, 10.25 ft below land-surface datum, Sept. 26, 2002.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.18 ft below land-surface datum, June 21; lowest, 10.09 ft below land-surface datum, Oct. 1.

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 | 10.09 | 8.17 | 7.68 | 6.81 | 7.17 | 6.60 | 6.10 | 6.58 | 6.41 | 5.11 | 6.63 | 6.83 |
| 2 | 10.08 | 8.17 | 7.68 | 6.28 | 7.17 | 6.60 | 6.17 | 6.58 | 6.42 | 5.19 | 6.65 | 6.83 |
| 3 | 10.07 | 8.23 | 7.79 | 6.29 | 7.18 | 6.01 | 6.21 | 6.63 | 6.46 | 5.23 | 6.66 | 6.83 |
| 4 | 10.07 | 8.27 | 7.79 | 6.36 | 7.17 | 6.19 | 6.25 | 6.64 | 6.46 | 5.33 | 6.66 | 6.81 |
| 5 | 10.05 | 8.27 | 7.79 | 6.40 | 7.24 | 6.19 | 6.30 | 6.66 | 5.71 | 5.41 | 6.45 | 6.69 |
| 6 | 10.04 | 8.24 | 7.84 | 6.48 | 7.25 | 5.67 | 6.38 | 6.66 | 5.91 | 5.50 | 6.54 | 6.74 |
| 7 | 10.03 | 8.16 | 7.84 | 6.53 | 7.24 | 5.65 | 6.39 | 6.66 | 5.95 | 5.54 | 6.58 | 6.79 |
| 8 | 10.03 | 8.14 | 7.91 | 6.56 | 7.27 | 5.77 | 6.38 | 6.67 | 5.59 | 5.60 | 6.56 | 6.85 |
| 9 | 10.03 | 8.15 | 7.94 | 6.60 | 7.28 | 5.61 | 6.35 | 6.67 | 5.75 | 5.66 | 6.54 | 6.86 |
| 10 | 10.03 | 8.15 | 7.92 | 6.64 | 7.28 | 5.57 | 6.27 | 6.67 | 5.90 | 5.69 | 5.96 | 6.88 |
| 11 | 10.01 | 8.23 | 7.92 | 6.70 | 7.32 | 5.74 | 6.23 | 6.67 | 5.98 | 5.74 | 6.08 | 6.92 |
| 12 | 9.63 | 8.24 | 6.76 | 6.72 | 7.33 | 5.81 | 5.94 | 6.69 | 6.06 | 5.81 | 6.00 | 6.95 |
| 13 | 9.43 | 7.94 | 6.75 | 6.75 | 7.35 | 5.84 | 6.06 | 6.72 | 6.09 | 5.89 | 6.15 | 6.96 |
| 14 | 9.34 | 7.78 | 6.37 | 6.77 | 7.36 | 5.96 | 6.11 | 6.75 | 5.80 | 5.91 | 6.27 | 6.61 |
| 15 | 9.28 | 7.82 | 6.58 | 6.83 | 7.40 | 6.04 | 6.12 | 6.75 | 5.63 | 5.94 | 6.35 | 6.62 |
| 16 | 9.23 | 7.84 | 6.80 | 6.83 | 7.40 | 6.09 | 6.21 | 6.78 | 5.79 | 6.00 | 6.39 | 5.95 |
| 17 | 9.02 | 7.70 | 6.90 | 6.88 | 7.36 | 6.09 | 6.30 | 6.79 | 5.84 | 6.07 | 6.47 | 6.19 |
| 18 | 8.87 | 6.91 | 6.94 | 6.89 | 7.40 | 6.22 | 6.31 | 6.79 | 5.84 | 6.10 | 6.54 | 6.28 |
| 19 | 8.80 | 7.03 | 6.96 | 6.89 | 7.41 | 6.28 | 6.34 | 6.79 | 5.63 | 6.16 | 6.59 | 6.10 |
| 20 | 8.76 | 7.14 | 6.96 | 6.95 | 7.41 | 6.28 | 6.35 | 6.80 | 5.68 | 6.22 | 6.63 | 6.13 |
| 21 | 8.77 | 7.19 | 6.62 | 6.97 | 7.40 | 5.10 | 6.35 | 6.81 | 3.75 | 6.26 | 6.67 | 6.28 |
| 22 | 8.77 | 7.30 | 6.73 | 6.99 | 7.33 | 5.38 | 6.42 | 6.85 | 4.00 | 6.31 | 6.67 | 6.34 |
| 23 | 8.79 | 7.39 | 6.81 | 7.00 | 5.78 | 5.58 | 6.46 | 6.85 | 4.19 | 6.38 | 6.69 | 6.34 |
| 24 | 8.79 | 7.44 | 6.86 | 7.05 | 6.03 | 5.75 | 6.46 | 6.86 | 4.34 | 6.43 | 6.70 | 5.84 |
| 25 | 8.79 | 7.48 | 6.86 | 7.05 | 6.26 | 5.84 | 6.47 | 6.88 | 4.45 | 6.47 | 6.73 | 6.03 |
| 26 | 8.76 | 7.51 | 6.44 | 7.07 | 6.37 | 5.97 | 6.47 | 6.88 | 4.54 | 6.49 | 6.74 | 6.15 |
| 27 | 8.64 | 7.55 | 6.54 | 7.12 | 6.47 | 6.06 | 6.50 | 6.39 | 4.69 | 6.50 | 6.78 | 6.22 |
| 28 | 8.59 | 7.55 | 6.63 | 7.12 | 6.57 | 6.09 | 6.50 | 6.45 | 4.83 | 6.54 | 6.81 | 6.22 |
| 29 | 8.56 | 7.54 | 6.74 | 7.16 | --- | --- | 6.13 | 6.53 | 4.93 | 6.61 | 6.81 | 6.30 |
| 30 | 8.51 | 7.60 | 6.76 | 7.17 | --- | --- | 6.13 | 6.58 | 6.37 | 5.03 | 6.63 | 6.33 |
| 31 | 8.27 | --- | 6.80 | 7.17 | --- | --- | 6.10 | --- | 6.39 | --- | 6.63 | --- |
| MEAN | 9.29 | 7.77 | 7.13 | 6.81 | 7.08 | 5.95 | 6.32 | 6.67 | 5.46 | 5.98 | 6.55 | 6.50 |
| MAX | 10.09 | 8.27 | 7.94 | 7.17 | 7.41 | 6.60 | 6.58 | 6.88 | 6.46 | 6.63 | 6.83 | 6.96 |
| MIN | 8.27 | 6.91 | 6.37 | 6.28 | 5.78 | 5.10 | 5.94 | 6.23 | 3.75 | 5.11 | 5.96 | 5.84 |

