

DAUPHIN COUNTY

402118076462201. Local number, DA 350.

LOCATION.--Lat 40°21'18", long 76°46'22", Hydrologic Unit 02050305, at R. D. 1, Linglestown.

Owner: William R. Miller.

AQUIFER.--Hamburg sequence, Early-Middle Ordovician age.

WELL CHARACTERISTICS.--Drilled unused observation well, diameter 6 in., depth 225 ft, cased to 19 ft, open hole.

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

DATUM.--Elevation of land surface is 450 ft above sea level, from topographic map. Measuring point: Top of casing, 1.29 ft above land-surface datum.

REMARKS.--In addition to the daily maximum water level shown below, daily minimum and mean water levels, since October 1994, are also available from the District Office.

PERIOD OF RECORD.--September 1964 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, 1.15 ft below land-surface datum, June 22, 1972; lowest, 6.95 ft below land-surface datum, Sept. 11, 1966.

EXTREMES FOR CURRENT YEAR.--Highest water level, 3.02 ft below land-surface datum, Dec. 17; lowest, 6.09 ft below land-surface datum, Sept. 18-20.

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 | 5.58 | 5.67 | 5.49 | 5.14 | 4.52 | 4.55 | 4.05 | 4.66 | 5.30 | 5.64 | 5.92 | 5.94 |
| 2 | 5.57 | 5.67 | 5.52 | 5.17 | 4.41 | 4.59 | 4.15 | 4.70 | 5.17 | 5.69 | 5.93 | 5.96 |
| 3 | 5.60 | 5.67 | 5.54 | --- | 4.54 | 4.68 | 4.21 | 4.74 | 5.19 | 5.69 | 5.94 | 5.94 |
| 4 | 5.61 | 5.66 | 5.54 | --- | 4.55 | 4.67 | 4.26 | 4.78 | 5.25 | 5.70 | 5.75 | 5.97 |
| 5 | 5.59 | 5.68 | 5.57 | 5.18 | 4.56 | 4.64 | 4.28 | 4.82 | 5.28 | 5.62 | 5.80 | 6.00 |
| 6 | 5.59 | 5.71 | 5.60 | 5.26 | 4.57 | 4.70 | 4.27 | 4.88 | 5.31 | 5.69 | 5.80 | 6.01 |
| 7 | 5.62 | 5.71 | 5.64 | 5.29 | 4.53 | 4.68 | 4.26 | 4.98 | 5.33 | 5.71 | 5.81 | 6.03 |
| 8 | 5.63 | 5.72 | 5.68 | --- | 4.51 | 4.51 | 4.25 | 4.97 | 5.38 | 5.67 | 5.84 | 6.04 |
| 9 | 5.65 | 5.71 | 5.73 | --- | 4.49 | 4.36 | 4.10 | 4.98 | 5.43 | 5.66 | 5.86 | 6.05 |
| 10 | 5.64 | 5.62 | 5.70 | 5.33 | 4.54 | 4.38 | 4.13 | 5.03 | 5.45 | 5.70 | 5.84 | 6.04 |
| 11 | 5.68 | 5.58 | 5.67 | 5.33 | 4.56 | 4.43 | 4.13 | 5.07 | 5.45 | 5.73 | 5.78 | 6.01 |
| 12 | 5.69 | 5.61 | 5.78 | 5.33 | 4.58 | 4.45 | 3.91 | 5.08 | 5.47 | 5.76 | 5.80 | 6.03 |
| 13 | 5.69 | 5.61 | 5.77 | 5.34 | 4.55 | 4.27 | 4.01 | 5.12 | 5.51 | 5.76 | 5.77 | 6.03 |
| 14 | 5.69 | 5.61 | 5.70 | 5.34 | 4.54 | 4.17 | 4.11 | 5.17 | 5.53 | 5.78 | 5.81 | 6.04 |
| 15 | 5.69 | 5.64 | 5.35 | 5.30 | 4.55 | 4.20 | 4.14 | 5.17 | 5.51 | 5.80 | 5.84 | 6.04 |
| 16 | 5.70 | 5.65 | 5.32 | 5.30 | 4.54 | 4.24 | 3.96 | 5.20 | 5.48 | --- | 5.87 | 6.05 |
| 17 | 5.69 | 5.64 | 4.36 | 5.30 | 4.51 | 4.13 | 3.86 | 5.21 | 5.53 | --- | 5.88 | 6.07 |
| 18 | 5.59 | 5.68 | 4.58 | 5.27 | 4.54 | 4.21 | 3.90 | 5.19 | 5.57 | --- | 5.92 | 6.09 |
| 19 | 5.50 | 5.68 | 4.65 | 5.21 | 4.56 | 4.27 | 3.99 | 5.25 | 5.58 | 5.85 | 5.92 | 6.09 |
| 20 | 5.55 | 5.70 | 4.79 | 4.73 | 4.57 | 4.29 | 4.05 | 5.29 | 5.61 | 5.88 | 5.93 | 6.09 |
| 21 | 5.55 | 5.73 | 4.80 | 4.83 | 4.69 | 4.26 | 4.11 | 5.25 | 5.57 | 5.89 | 5.96 | 5.95 |
| 22 | 5.61 | 5.76 | 4.91 | 4.82 | 4.68 | 4.07 | 4.18 | 5.07 | 5.53 | 5.90 | 5.98 | 5.97 |
| 23 | 5.64 | 5.81 | 4.89 | 4.79 | 4.74 | 4.18 | 4.22 | 5.10 | 5.38 | 5.90 | 5.96 | 6.00 |
| 24 | 5.62 | 5.81 | 4.94 | 4.83 | 4.75 | 4.27 | 4.34 | 5.17 | 5.49 | 5.88 | 5.96 | 5.97 |
| 25 | 5.64 | 5.79 | 5.00 | 4.90 | 4.70 | 4.30 | 4.43 | 5.20 | 5.53 | 5.89 | 5.98 | 5.80 |
| 26 | 5.64 | 5.73 | 4.99 | 4.90 | 4.52 | 4.37 | 4.47 | 5.16 | 5.57 | 5.81 | 5.99 | 5.83 |
| 27 | 5.64 | 5.55 | 4.98 | 4.94 | 4.51 | 4.41 | 4.46 | 5.15 | 5.59 | --- | 5.98 | 5.84 |
| 28 | 5.67 | 5.58 | 5.04 | 4.94 | 4.51 | 4.44 | 4.57 | 5.17 | 5.61 | --- | 5.97 | 5.87 |
| 29 | 5.67 | 5.58 | 5.04 | 4.97 | --- | 4.48 | 4.63 | 5.21 | 5.63 | --- | 5.98 | 5.90 |
| 30 | 5.67 | 5.47 | 5.05 | 4.89 | --- | 4.06 | --- | 5.27 | 5.64 | --- | 5.99 | 5.89 |
| 31 | 5.67 | --- | 5.12 | 4.51 | --- | 3.93 | --- | 5.30 | --- | 5.91 | 5.96 | --- |
| MEAN | 5.63 | 5.67 | 5.25 | 5.08 | 4.57 | 4.36 | 4.19 | 5.08 | 5.46 | 5.77 | 5.89 | 5.98 |
| MAX | 5.70 | 5.81 | 5.78 | 5.34 | 4.75 | 4.70 | 4.63 | 5.30 | 5.64 | 5.91 | 5.99 | 6.09 |
| MIN | 5.50 | 5.47 | 4.36 | 4.51 | 4.41 | 3.93 | 3.86 | 4.66 | 5.17 | 5.62 | 5.75 | 5.80 |

