## CENTRE COUNTY

## 404556077525101. Local number, CE 686.

LOCATION.--Lat $40^{\circ} 45^{\prime} 56^{\prime \prime}$, long $77^{\circ} 52^{\prime} 51$ ", Hydrologic Unit 02050302, at State College. Owner: Todd Giddings and Associates.
AQUIFER.--Nittany Formation, Early-Lower Ordovician Age.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth $345 \mathrm{ft}, 6 \mathrm{in}$. steel casing to $84 \mathrm{ft}, 4 \mathrm{in}$. slotted pvc casing from $0-345 \mathrm{ft}$..
INSTRUMENTATION.--Data collection platform with 60-minute recording interval. Satellite telemetry at station.
DATUM.--Elevation of land surface is $1,222.6 \mathrm{ft}$ above National Geodetic Vertical Datum of 1929, from local survey. Measuring point: Top of casing, 1.80 ft above land-surface datum.

REMARKS.--In addition to the daily mean water level table shown below, daily minimum and maximum water levels, are also available from the District Office
PERIOD OF RECORD.--September 2001 to current year
EXTREMES FOR PERIOD OF RECORD.--The extremes shown are extremes of the instantaneous depth below land surface for the period of record indicated above.
Highest water level, 99.11 ft below land-surface datum, July 1, 2002; lowest, 142.15 ft below land-surface datum, Mar. 14, 2002.
EXTREMES FOR CURRENT YEAR.--Highest water level, 99.11 ft below land-surface datum, July 1 ; lowest, 142.15 ft below land-surface datum, Mar. 14.

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

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3 | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | --- |
| 4 | -- | --- | --- | -- | --- | -- | -- | --- | -- | --- | --- | --- |
| 5 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 6 | --- | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 126.85 |
| 7 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 127.00 |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 127.24 |
| 9 | -- | --- | --- | - | --- | --- | --- | --- | --- | --- | -- | 127.47 |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 127.70 |
| 11 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 127.91 |
| 12 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.10 |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.28 |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.48 |
| 15 | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | 128.58 |
| 16 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.70 |
| 17 | --- | --- | --- | -- | --- | --- | -- | --- | -- | --- | --- | 128.92 |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 129.20 |
| 19 | -- | --- | --- | -- | --- | -- | -- | --- | -- | --- | -- | 129.42 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 129.49 |
|  | --- | --- | -- | --- | --- | -- | --- | --- | --- | --- | --- | 129.28 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 129.16 |
| 23 | -- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 129.24 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 129.27 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.52 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 127.94 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 127.82 |
| 28 | --- | --- | --- | --- | --- | --- | --- | --- | -- | --- | --- | 127.98 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.26 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 128.53 |
| 31 | --- | --- | --- | -- | --- | --- | --- | --- | - | --- | --- | --- |
| MEAN | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | 128.37 |
| MAX | --- | -- | - | --- | --- | - | - | --- | --- | --- | - | 129.49 |
| MIN | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | --- | 126.85 |

## CENTRE COUNTY

404556077525101. Local number, CE 686--Continued.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 128.75 | 133.85 | 136.68 | 138.91 | 140.93 | 141.90 | 130.80 | 129.49 | 115.79 | 99.21 | 106.00 | 113.34 |
| 2 | 129.04 | 134.00 | 136.50 | 139.01 | 141.01 | 141.82 | 130.72 | 129.04 | 115.65 | 99.27 | 106.32 | 113.47 |
| 3 | 129.32 | 134.27 | 136.54 | 139.07 | 140.99 | 141.49 | 130.92 | 128.90 | 115.87 | 99.39 | 106.60 | 113.67 |
| 4 | 129.57 | 134.46 | 136.68 | 139.21 | 141.06 | 141.55 | 131.24 | 128.86 | 115.88 | 99.67 | 106.90 | 113.88 |
| 5 | 129.82 | 134.68 | 136.86 | 139.28 | 141.23 | 141.62 | 131.32 | 128.83 | 114.20 | 99.95 | 107.22 | 114.15 |
| 6 | 130.03 | 134.78 | 137.02 | 139.31 | 141.27 | 141.60 | 131.46 | 128.92 | 111.89 | 100.18 | 107.45 | 114.45 |
| 7 | 130.36 | 134.87 | 137.23 | 139.46 | 141.35 | 141.68 | 131.61 | 128.92 | 107.23 | 100.43 | 107.73 | 114.74 |
| 8 | 130.70 | 134.95 | 137.39 | 139.61 | 141.54 | 141.76 | 131.64 | 129.09 | 104.47 | 100.68 | 107.99 | 115.00 |
| 9 | 130.83 | 135.14 | 137.38 | 139.62 | 141.65 | 141.72 | 131.59 | 128.84 | 103.32 | 100.79 | 108.28 | 115.27 |
| 10 | 130.95 | 135.20 | 137.26 | 139.63 | 141.61 | 141.85 | 131.63 | 128.65 | 102.83 | 100.96 | 108.46 | 115.50 |
| 11 | 131.12 | 135.41 | 137.32 | 139.61 | 141.25 | 141.98 | 131.56 | 128.53 | 102.50 | 101.23 | 108.68 | 115.75 |
| 12 | 131.28 | 135.64 | 137.44 | 139.53 | 140.86 | 141.94 | 131.52 | 128.23 | 102.33 | 101.39 | 108.98 | 116.13 |
| 13 | 131.47 | 135.80 | 137.46 | 139.50 | 140.88 | 141.95 | 131.43 | 127.15 | 102.29 | 101.53 | 109.19 | 116.35 |
| 14 | 131.60 | 135.90 | 137.51 | 139.66 | 140.91 | 142.04 | 131.17 | 124.60 | 102.06 | 101.76 | 109.31 | 116.50 |
| 15 | 131.63 | 136.00 | 137.66 | 139.73 | 140.90 | 142.08 | 130.65 | 122.92 | 101.21 | 101.92 | 109.49 | 116.69 |
| 16 | 131.55 | 136.14 | 137.77 | 139.99 | 140.90 | 142.06 | 130.32 | 121.87 | 100.24 | 102.19 | 109.72 | 116.89 |
| 17 | 131.49 | 136.29 | 137.72 | 140.03 | 141.06 | 142.07 | 130.26 | 121.20 | 100.07 | 102.47 | 109.88 | 117.13 |
| 18 | 131.57 | 136.43 | 137.44 | 140.11 | 141.25 | 141.81 | 130.27 | 119.86 | 100.13 | 102.74 | 110.05 | 117.31 |
| 19 | 131.62 | 136.57 | 137.30 | 140.17 | 141.28 | 141.28 | 130.23 | 118.11 | 100.34 | 103.00 | 110.35 | 117.60 |
| 20 | 131.76 | 136.74 | 137.39 | 140.29 | 141.25 | 140.73 | 130.20 | 117.22 | 100.55 | 103.25 | 110.71 | 117.82 |
| 21 | 131.95 | 136.91 | 137.59 | 140.35 | 141.28 | 139.84 | 130.21 | 116.75 | 100.70 | 103.54 | 111.07 | 118.05 |
| 22 | 132.15 | 137.09 | 137.73 | 140.50 | 141.33 | 139.33 | 130.06 | 116.49 | 100.78 | 103.84 | 111.25 | 118.27 |
| 23 | 132.29 | 137.25 | 137.77 | 140.51 | 141.31 | 138.94 | 130.19 | 116.21 | 100.86 | 104.06 | 111.31 | 118.25 |
| 24 | 132.39 | 137.32 | 137.89 | 140.53 | 141.46 | 138.78 | 130.23 | 116.05 | 101.08 | 104.34 | 111.22 | 118.23 |
| 25 | 132.50 | 137.28 | 138.03 | 140.66 | 141.57 | 138.82 | 130.14 | 116.14 | 101.23 | 104.55 | 111.32 | 118.36 |
| 26 | 132.74 | 137.20 | 138.09 | 140.71 | 141.56 | 138.18 | 130.38 | 116.16 | 101.24 | 104.74 | 111.57 | 118.32 |
| 27 | 132.96 | 137.21 | 138.20 | 140.77 | 141.67 | 134.66 | 130.42 | 116.28 | 101.08 | 104.87 | 111.96 | 117.49 |
| 28 | 133.25 | 137.32 | 138.32 | 140.84 | 141.81 | 132.33 | 129.99 | 116.37 | 99.89 | 105.07 | 112.29 | 116.71 |
| 29 | 133.46 | 137.26 | 138.46 | 140.91 | --- | 131.45 | 129.86 | 116.40 | 99.40 | 105.34 | 112.50 | 116.54 |
| 30 | 133.61 | 137.14 | 138.63 | 140.99 | --- | 131.17 | 129.74 | 116.35 | 99.26 | 105.58 | 112.80 | 116.66 |
| 31 | 133.73 | -- | 138.78 | 141.00 | --- | 131.10 | --- | 116.05 | --- | 105.76 | 113.13 | --- |
| MEAN | 131.47 | 135.97 | 137.55 | 139.98 | 141.26 | 139.66 | 130.73 | 122.53 | 104.15 | 102.38 | 109.67 | 116.28 |
| MAX | 133.73 | 137.32 | 138.78 | 141.00 | 141.81 | 142.08 | 131.64 | 129.49 | 115.88 | 105.76 | 113.13 | 118.36 |
| MIN | 128.75 | 133.85 | 136.50 | 138.91 | 140.86 | 131.10 | 129.74 | 116.05 | 99.26 | 99.21 | 106.00 | 113.34 |




