## CLEARFIELD COUNTY

## 410627078313601. Local number, CF 321.

LOCATION.--Lat $41^{\circ} 06^{\prime} 27^{\prime \prime}$, long $78^{\circ} 31^{\prime} 36^{\prime \prime}$, Hydrologic Unit 02050201, at S. B. Elliott State Park. Owner: U.S. Geological Survey.
AQUIFER.--Burgoon Member of Pocono Formation.
WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in., depth 150 ft , cased to 26 ft , open hole.
INSTRUMENTATION.--Data collection platform with 60 -minute recording interval. Satellite telemetry at station.
DATUM.--Elevation of land surface is $2,160 \mathrm{ft}$ above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.40 ft above land-surface datum.

REMARKS.--In addition to the daily mean water level table shown below, daily maximum and minimum 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, 20.65 ft below land-surface datum, May 15, 2002; lowest, 34.66 ft below land-surface datum, Sept. 21, 22 , 2001.
EXTREMES FOR CURRENT YEAR.--Highest water level, 20.65 ft below land-surface datum, May 15; lowest, 29.81 ft below land-surface datum, Oct. 5.

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 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7 | --- | --- | --- | --- | - | --- | --- | -- | --- | --- | --- | --- |
| 8 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 10 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 11 | --- | --- | --- | --- | - | -- | --- | -- | --- | --- | --- | --- |
| 12 | --- | - | --- | --- | --- | -- | -- | -- | --- | -- | --- | --- |
| 13 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 14 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | --- | --- | - | - | --- | - | --- | --- | --- | - | --- | - |
| 17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 18 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29.89 |
| 19 | --- | --- | --- | --- | --- | -- | --- | -- | --- | -- | --- | 30.75 |
| 20 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30.34 |
| 21 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 32.86 |
| 22 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 33.67 |
| 23 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 31.41 |
| 24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30.18 |
| 25 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 30.20 |
| 26 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29.97 |
| 27 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29.41 |
| 28 | --- | -- | --- | --- | --- | -- | --- | -- | --- | -- | --- | 29.35 |
| 29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 29.08 |
| 30 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 28.75 |
| 31 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MEAN | --- | --- | --- | - | --- | -- | --- | --- | --- | -- | --- | 30.45 |
| MAX | --- | --- | --- | --- | -- | --- | --- | --- | --- | --- | --- | 33.67 |
| MIN | --- | --- | --- | --- | - | --- |  |  | --- |  |  | 28.75 |

## CLEARFIELD COUNTY

410627078313601. Local number, CF 321--Continued.

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

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 28.46 | 26.22 | 24.00 | 23.06 | 23.95 | 23.97 | 23.12 | 24.23 | 23.57 | 23.97 | 25.29 | 26.21 |
| 2 | 28.38 | 26.19 | 23.57 | 23.33 | 23.53 | 24.02 | 23.28 | 24.11 | 23.79 | 24.08 | 25.31 | 26.07 |
| 3 | 28.24 | 25.89 | 23.44 | 23.69 | 23.17 | 24.20 | 24.35 | 23.99 | 24.03 | 24.07 | 25.29 | 26.01 |
| 4 | 28.55 | 25.80 | 23.17 | 23.74 | 22.93 | 23.73 | 25.49 | 23.92 | 24.36 | 24.14 | 25.45 | 25.91 |
| 5 | 29.37 | 25.84 | 23.07 | 23.75 | 23.07 | 24.34 | 25.69 | 23.70 | 24.47 | 24.31 | 25.48 | 25.99 |
| 6 | 29.26 | 25.93 | 23.10 | 23.94 | 23.15 | 24.13 | 25.87 | 23.51 | 24.31 | 24.47 | 25.39 | 25.96 |
| 7 | 28.57 | 25.89 | 23.14 | 24.18 | 23.19 | 24.03 | 26.06 | 23.57 | 23.78 | 24.52 | 25.38 | 26.24 |
| 8 | 27.63 | 25.98 | 23.17 | 24.23 | 23.43 | 24.13 | 26.44 | 23.71 | 23.25 | 24.63 | 25.34 | 26.36 |
| 9 | 27.35 | 26.19 | 23.17 | 24.22 | 23.56 | 23.90 | 26.44 | 23.55 | 23.06 | 24.53 | 25.39 | 26.15 |
| 10 | 28.32 | 26.49 | 23.45 | 24.37 | 23.74 | 23.80 | 25.81 | 22.74 | 23.03 | 24.55 | 25.51 | 25.87 |
| 11 | 28.81 | 26.49 | 23.41 | 24.54 | 23.57 | 23.94 | 25.45 | 22.03 | 22.81 | 24.74 | 25.55 | 25.73 |
| 12 | 28.23 | 26.41 | 23.40 | 24.64 | 23.20 | 24.75 | 25.23 | 22.01 | 22.82 | 24.85 | 25.56 | 25.95 |
| 13 | 27.76 | 25.82 | 23.45 | 25.62 | 22.90 | 25.18 | 25.27 | 21.51 | 22.98 | 25.64 | 25.55 | 26.08 |
| 14 | 27.32 | 25.53 | 23.48 | 25.91 | 23.39 | 25.29 | 24.84 | 20.94 | 23.16 | 25.77 | 25.64 | 26.35 |
| 15 | 27.13 | 25.89 | 23.52 | 25.56 | 23.55 | 25.32 | 24.52 | 20.97 | 23.21 | 25.78 | 25.56 | 26.41 |
| 16 | 26.56 | 25.86 | 23.42 | 25.58 | 23.69 | 25.32 | 23.72 | 21.03 | 23.04 | 25.89 | 25.47 | 26.00 |
| 17 | 26.38 | 25.88 | 23.16 | 25.47 | 23.72 | 25.23 | 23.18 | 20.93 | 22.90 | 25.94 | 25.60 | 25.91 |
| 18 | --- | 26.04 | 22.57 | 25.47 | 24.05 | 25.05 | 22.94 | 21.08 | 22.75 | 26.07 | 25.74 | 26.01 |
| 19 | --- | 25.77 | 21.95 | 25.43 | 23.86 | 25.06 | 22.85 | 21.18 | 22.64 | 26.03 | 25.71 | 26.11 |
| 20 | --- | 25.42 | 21.56 | 25.45 | 23.97 | 24.99 | 22.96 | 21.14 | 22.67 | 26.00 | 25.82 | 26.06 |
| 21 | --- | 25.28 | 21.52 | 25.38 | 23.96 | 24.74 | 23.16 | 21.12 | 22.80 | 26.10 | 25.88 | 25.99 |
| 22 | --- | 25.98 | 21.47 | 25.48 | 24.09 | 24.25 | 23.54 | 21.37 | 23.00 | 26.29 | 25.82 | 26.18 |
| 23 | 27.58 | 26.15 | 21.62 | 25.36 | 24.15 | 23.94 | 23.87 | 21.70 | 23.22 | 25.74 | 25.78 | 26.43 |
| 24 | 27.11 | 25.74 | 21.67 | 25.24 | 24.14 | 23.86 | 24.06 | 22.09 | 23.40 | 25.93 | 25.67 | 26.25 |
| 25 | 26.55 | 25.39 | 21.83 | 24.80 | 24.17 | 23.82 | 24.21 | 22.43 | 23.45 | 25.61 | 25.68 | 26.08 |
| 26 | 26.45 | 25.00 | 22.06 | 24.52 | 24.11 | 23.66 | 24.47 | 22.42 | 23.62 | 25.54 | 25.72 | 25.86 |
| 27 | 26.43 | 24.72 | 22.23 | 23.59 | 24.16 | 23.70 | 24.65 | 22.84 | 23.60 | 25.47 | 25.74 | 25.75 |
| 28 | 26.27 | 24.26 | 22.37 | 23.42 | 24.03 | 23.08 | 24.63 | 23.07 | 23.69 | 25.48 | 25.74 | 25.89 |
| 29 | 26.21 | 24.39 | 22.56 | 23.95 | --- | 22.92 | 24.53 | 23.16 | 23.65 | 25.42 | 25.85 | 25.91 |
| 30 | 26.46 | 24.34 | 22.79 | 23.95 | --- | 22.93 | 24.40 | 23.30 | 23.80 | 25.04 | 26.37 | 26.10 |
| 31 | 26.40 | --- | 22.93 | 24.05 | --- | 22.62 | --- | 23.45 | --- | 25.19 | 26.34 | --- |
| MEAN | 27.53 | 25.69 | 22.78 | 24.58 | 23.66 | 24.19 | 24.50 | 22.48 | 23.36 | 25.22 | 25.63 | 26.06 |
| MAX | 29.37 | 26.49 | 24.00 | 25.91 | 24.17 | 25.32 | 26.44 | 24.23 | 24.47 | 26.29 | 26.37 | 26.43 |
| MIN | 26.21 | 24.26 | 21.47 | 23.06 | 22.90 | 22.62 | 22.85 | 20.93 | 22.64 | 23.97 | 25.29 | 25.73 |




