## PERRY COUNTY

402735077100901 ．Local number，PE 684.
LOCATION．－－Lat $40^{\circ} 27^{\prime} 35^{\prime \prime}$ ，long $77^{\circ} 10^{\prime} 09^{\prime \prime}$ ，Hydrologic Unit 02050301，at Little Buffalo State Park． Owner：U．S．Geological Survey．
AQUIFER．－－Trimmers Rock．
WELL CHARACTERISTICS．－－－Drilled observation well，diameter 6 in．，depth 150 ft ，cased to 18 ft ．
INSTRUMENTATION．－－Data collection platform with 60－minute recording interval．Satellite telemetry at station．
DATUM．－－Elevation of land surface is 495 ft above National Geodetic Vertical Datum of 1929，from topographic map．Measuring point：Top of steel cover， 2.90 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， 10.05 ft below land－surface datum，May 19，2002；lowest， 17.83 ft below land－surface datum，Nov．24， 2001.
EXTREMES FOR CURRENT YEAR．－－Highest water level， 10.05 ft below land－surface datum，May 19；lowest， 17.83 ft below land－surface datum， Nov． 24.

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

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## PERRY COUNTY

402735077100901. Local number, PE 684--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 | 16.37 | 17.25 | 16.56 | 16.26 | 13.54 | 14.85 | 11.53 | 11.35 | 12.58 | 14.60 | 16.04 | 16.48 |
| 2 | 16.51 | 17.27 | 16.54 | 16.37 | 13.72 | 14.84 | 11.66 | 11.07 | 12.78 | 14.64 | 16.10 | 16.29 |
| 3 | 16.61 | 17.33 | 16.55 | 16.32 | 13.54 | 14.10 | 11.78 | 11.06 | 13.15 | 14.70 | 16.20 | 16.28 |
| 4 | 16.68 | 17.31 | 16.63 | 16.45 | 13.46 | 13.94 | 12.13 | 11.26 | 13.32 | 14.78 | 16.22 | 16.37 |
| 5 | 16.71 | 17.37 | 16.70 | 16.52 | 13.75 | 13.97 | 12.25 | 11.35 | 13.33 | 14.91 | 16.17 | 16.49 |
| 6 | 16.77 | 17.39 | 16.71 | 16.43 | 13.77 | 13.90 | 12.40 | 11.47 | 13.32 | 15.04 | 16.21 | 16.60 |
| 7 | 16.92 | 17.42 | 16.79 | 16.49 | 13.67 | 13.96 | 12.61 | 11.53 | 13.04 | 15.12 | 16.28 | 16.68 |
| 8 | 17.02 | 17.41 | 16.83 | 16.69 | 13.82 | 14.08 | 12.66 | 11.81 | 13.04 | 15.17 | 16.33 | 16.72 |
| 9 | 17.03 | 17.50 | 16.49 | 16.58 | 14.09 | 14.01 | 12.70 | 11.77 | 13.04 | 15.13 | 16.38 | 16.70 |
| 10 | 17.02 | 17.43 | 16.34 | 16.60 | 13.97 | 13.80 | 12.91 | 11.75 | 13.11 | 15.00 | 16.37 | 16.64 |
| 11 | 17.03 | 17.57 | 16.35 | 16.20 | 13.67 | 13.84 | 13.04 | 12.05 | 13.15 | 15.05 | 16.38 | 16.68 |
| 12 | 17.05 | 17.60 | 16.42 | 15.62 | 13.50 | 13.70 | 13.09 | 11.96 | 13.18 | 15.10 | 16.41 | 16.88 |
| 13 | 17.10 | 17.59 | 16.31 | 15.22 | 13.65 | 13.59 | 13.03 | 11.61 | 13.34 | 15.16 | 16.45 | 16.92 |
| 14 | 17.08 | 17.57 | 16.21 | 15.18 | 13.79 | 13.62 | 12.86 | 11.34 | 13.31 | 15.26 | 16.47 | 16.96 |
| 15 | 16.91 | 17.58 | 16.13 | 14.99 | 13.66 | 13.61 | 12.40 | 11.37 | 13.12 | 15.30 | 16.53 | 16.93 |
| 16 | 16.68 | 17.63 | 16.08 | 15.03 | 13.57 | 13.71 | 12.16 | 11.35 | 13.20 | 15.39 | 16.54 | 16.51 |
| 17 | 16.50 | 17.70 | 15.86 | 14.81 | 13.71 | 13.94 | 12.08 | 11.35 | 13.47 | 15.46 | 16.52 | 16.35 |
| 18 | 16.54 | 17.68 | 15.61 | 14.86 | 14.05 | 13.46 | 12.13 | 10.63 | 13.75 | 15.47 | 16.49 | 16.39 |
| 19 | 16.52 | 17.63 | 15.50 | 14.80 | 14.07 | 12.75 | 12.09 | 10.08 | 13.93 | 15.49 | 16.54 | 16.44 |
| 20 | 16.60 | 17.71 | 15.50 | 14.85 | 13.94 | 12.12 | 11.98 | 10.23 | 14.11 | 15.53 | 16.63 | 16.49 |
| 21 | 16.70 | 17.73 | 15.66 | 14.77 | 13.97 | 11.49 | 12.10 | 10.47 | 14.20 | 15.60 | 16.72 | 16.54 |
| 22 | 16.75 | 17.77 | 15.77 | 14.95 | 14.16 | 11.58 | 11.78 | 10.72 | 14.24 | 15.64 | 16.66 | 16.58 |
| 23 | 16.76 | 17.80 | 15.62 | 14.66 | 14.32 | 11.60 | 11.70 | 10.87 | 14.28 | 15.68 | 16.56 | 16.21 |
| 24 | 16.81 | 17.80 | 15.57 | 14.23 | 14.44 | 11.76 | 11.71 | 11.04 | 14.31 | 15.78 | 16.38 | 16.02 |
| 25 | 16.88 | 17.61 | 15.68 | 14.03 | 14.42 | 12.00 | 11.60 | 11.45 | 14.11 | 15.83 | 16.36 | 16.11 |
| 26 | 16.99 | 17.09 | 15.63 | 13.87 | 14.28 | 12.00 | 11.70 | 11.72 | 14.07 | 15.85 | 16.43 | 16.10 |
| 27 | 17.09 | 16.90 | 15.66 | 13.77 | 14.34 | 11.45 | 11.90 | 11.90 | 14.11 | 15.82 | 16.51 | 15.25 |
| 28 | 17.20 | 16.93 | 15.73 | 13.69 | 14.61 | 11.29 | 11.52 | 12.08 | 14.19 | 15.83 | 16.61 | 14.74 |
| 29 | 17.19 | 16.91 | 15.87 | 13.67 | --- | 11.28 | 11.35 | 12.19 | 14.40 | 15.87 | 16.40 | 14.76 |
| 30 | 17.24 | 16.77 | 16.05 | 13.78 | --- | 11.39 | 11.38 | 12.28 | 14.53 | 15.93 | 16.38 | 14.87 |
| 31 | 17.24 | --- | 16.14 | 13.83 | -- | 11.61 | --- | 12.38 | --- | 16.00 | 16.49 | --- |
| MEAN | 16.85 | 17.44 | 16.11 | 15.21 | 13.91 | 13.01 | 12.14 | 11.40 | 13.59 | 15.36 | 16.41 | 16.30 |
| MAX | 17.24 | 17.80 | 16.83 | 16.69 | 14.61 | 14.85 | 13.09 | 12.38 | 14.53 | 16.00 | 16.72 | 16.96 |
| MIN | 16.37 | 16.77 | 15.50 | 13.67 | 13.46 | 11.28 | 11.35 | 10.08 | 12.58 | 14.60 | 16.04 | 14.74 |



