PERRY COUNTY

402735077100901. Local number, PE 684.

LOCATION.--Lat 40°27'35", long 77°10'09", 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.

PEMAPKS. In addition to the delight mean water level table shown below, delight maximum and minimum water levels are also available from the Distre

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,

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 | | | | | | | | | | | | 16.51 |
| 6 | | | | | | | | | | | | 16.56 |
| 7 | | | | | | | | | | | | 16.58 |
| 8 | | | | | | | | | | | | 16.65 |
| 9 | | | | | | | | | | | | 16.70 |
| 10 | | | | | | | | | | | | 16.70 |
| 10 | | | | | | | | | | | | 16.70 |
| 11 | | | | | | | | | | | | 16.72 |
| 12 | | | | | | | | | | | | 16.75 |
| 13 | | | | | | | | | | | | 16.75 |
| 14 | | | | | | | | | | | | 16.82 |
| 15 | | | | | | | | | | | | 16.76 |
| 13 | | | | | | | | | | | | 10.70 |
| 16 | | | | | | | | | | | | 16.77 |
| 17 | | | | | | | | | | | | 16.82 |
| 18 | | | | | | | | | | | | 16.85 |
| 19 | | | | | | | | | | | | 16.91 |
| 20 | | | | | | | | | | | | 16.91 |
| 20 | | | | | | | | | | | | 10.71 |
| 21 | | | | | | | | | | | | 16.86 |
| 22 | | | | | | | | | | | | 16.88 |
| 23 | | | | | | | | | | | | 16.93 |
| 24 | | | | | | | | | | | | 16.84 |
| 25 | | | | | | | | | | | | 16.30 |
| | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | 16.03 |
| 27 | | | | | | | | | | | | 16.05 |
| 28 | | | | | | | | | | | | 16.19 |
| 29 | | | | | | | | | | | | 16.30 |
| 30 | | | | | | | | | | | | 16.36 |
| 31 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | 16.63 |
| MAX | | | | | | | | | | | | 16.93 |
| MTN | | | | | | | | | | | | 16 03 |

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 2 | 16.37 16.51 | 17.25 17.27 | 16.56 16.54 | 16.26 16.37 | 13.54 13.72 | 14.85 14.84 | 11.53 11.66 | 11.35 11.07 | 12.58 12.78 | 14.60 14.64 | 16.04 16.10 | 16.48 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 9 | 17.02 17.03 | 17.41 17.50 | 16.83 16.49 | 16.69 16.58 | 13.82 14.09 | 14.08 14.01 | 12.66 12.70 | 11.81 11.77 | 13.04 13.04 | 15.17 15.13 | 16.33 16.38 | 16.72 16.70 |
| 10 | 17.03 | 17.43 | 16.34 | 16.50 | 13.97 | 13.80 | 12.70 | 11.75 | 13.11 | 15.13 | 16.37 | 16.70 |
| | | | | | | | | | | | | |
| 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 13 | 17.05 17.10 | 17.60 17.59 | 16.42 16.31 | 15.62 15.22 | 13.50 13.65 | 13.70 13.59 | 13.09 13.03 | 11.96 11.61 | 13.18 13.34 | 15.10 15.16 | 16.41 16.45 | 16.88 16.92 |
| 13 | 17.10 | 17.59 | 16.31 | 15.22 | 13.05 | 13.59 | 12.86 | 11.34 | 13.34 | 15.16 | 16.45 | 16.92 |
| 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 19 | 16.54 16.52 | 17.68 17.63 | 15.61 15.50 | 14.86 14.80 | 14.05 14.07 | 13.46 12.75 | 12.13 12.09 | 10.63 10.08 | 13.75 13.93 | 15.47 15.49 | 16.49 16.54 | 16.39 16.44 |
| 20 | 16.52 | 17.03 | 15.50 | 14.85 | 13.94 | 12.75 | 11.98 | 10.08 | 14.11 | 15.49 | 16.63 | 16.44 |
| | | | | | | | | | | | | |
| 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 24 | 16.76 16.81 | 17.80 17.80 | 15.62 15.57 | 14.66 14.23 | 14.32 14.44 | 11.60 11.76 | 11.70 11.71 | 10.87 11.04 | 14.28 14.31 | 15.68 15.78 | 16.56 16.38 | 16.21 16.02 |
| 25 | 16.88 | 17.61 | 15.68 | 14.23 | 14.44 | 12.00 | 11.71 | 11.45 | 14.31 | 15.76 | 16.36 | 16.02 |
| 23 | 10.00 | 17.01 | 13.00 | 14.05 | 11.12 | 12.00 | 11.00 | | 14.11 | 13.03 | 10.50 | 10.11 |
| 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 30 | 17.19 17.24 | 16.91 16.77 | 15.87 16.05 | 13.67 13.78 | | 11.28 11.39 | 11.35 11.38 | 12.19 12.28 | 14.40 14.53 | 15.87 15.93 | 16.40 16.38 | 14.76 14.87 |
| 31 | 17.24 | 16.77 | 16.14 | 13.78 | | 11.39 | | 12.28 | 14.53 | 16.00 | 16.38 | 14.87 |
| 31 | | | | | | 11.01 | | 12.50 | | | | |
| 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 |

