

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BARNWELL COUNTY--Continued

WELL NUMBER.--331038081184201. Local number, BW-351.

LOCATION.--Lat 33°10'44'', long 81°18'51'', Hydrologic Unit 03050207, 50 ft west of SC Highway 300, 2.95 mi southeast of junction with U.S. Highway 278. Owner: South Carolina Department of Natural Resources.

AQUIFER.--Tertiary System.

WELL CHARACTERISTICS.--Drilled observation well, diameter 6 in from 3 ft to 80 ft, 4 in from 38 to 95 ft, depth 95 ft, cased to 95 ft, screened interval 80-90 ft.

INSTRUMENTATION.--Data collection platform--60 minute collection interval.

DATUM.--Land-surface datum is 207.3 ft (revised) above sea level. Measuring point: Opening in casing, .96 ft above land-surface datum.

PERIOD OF RECORD.--April 1988 to June 1991, April 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest mean water level 23.93 ft below land-surface datum, May 12, 13, 1993; lowest, 35.96 ft below land-surface datum, Sep. 27, 2000.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1999 TO SEPTEMBER 2000
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 32.03 | 32.44 | 32.92 | 33.39 | --- | --- | 34.47 | 34.60 | 34.86 | 35.14 | 35.42 | 35.70 |
| 2 | 32.05 | 32.47 | 32.94 | 33.39 | --- | --- | 34.42 | 34.61 | 34.85 | 35.14 | 35.42 | 35.70 |
| 3 | 32.06 | 32.55 | 32.96 | 33.40 | 33.72 | --- | 34.40 | 34.63 | 34.87 | 35.14 | 35.44 | 35.72 |
| 4 | 32.06 | 32.56 | 32.97 | 33.40 | 33.82 | 34.17 | 34.46 | 34.64 | 34.88 | 35.14 | 35.45 | 35.73 |
| 5 | 32.09 | 32.56 | 32.95 | 33.49 | 33.95 | 34.22 | 34.49 | 34.63 | 34.87 | 35.14 | 35.45 | 35.76 |
| 6 | 32.11 | 32.54 | 32.99 | 33.46 | 33.90 | 34.23 | 34.45 | 34.64 | 34.91 | 35.17 | 35.48 | 35.76 |
| 7 | 32.13 | 32.57 | 33.04 | 33.47 | 33.86 | 34.23 | 34.47 | 34.64 | 34.92 | 35.20 | 35.48 | 35.75 |
| 8 | 32.13 | 32.59 | 33.04 | 33.47 | 33.91 | 34.20 | 34.47 | 34.66 | 34.91 | 35.21 | 35.48 | 35.76 |
| 9 | 32.13 | 32.61 | 33.03 | 33.47 | 33.87 | 34.21 | 34.53 | 34.66 | 34.93 | 35.19 | 35.49 | 35.78 |
| 10 | 32.14 | 32.60 | 33.03 | 33.51 | 33.88 | 34.24 | 34.50 | 34.67 | 34.93 | 35.20 | 35.49 | 35.78 |
| 11 | 32.17 | 32.63 | 33.08 | --- | 33.93 | 34.22 | 34.49 | 34.70 | 34.94 | 35.21 | 35.50 | 35.79 |
| 12 | 32.20 | 32.66 | 33.07 | --- | 33.98 | 34.30 | 34.49 | 34.69 | 34.95 | 35.23 | 35.51 | 35.79 |
| 13 | 32.18 | 32.65 | 33.08 | --- | 33.95 | 34.29 | 34.52 | 34.69 | 34.96 | 35.24 | 35.54 | 35.81 |
| 14 | 32.22 | 32.63 | 33.13 | --- | 33.94 | 34.28 | 34.49 | 34.73 | 34.97 | 35.23 | 35.56 | 35.81 |
| 15 | 32.24 | 32.68 | 33.13 | --- | 34.06 | 34.28 | 34.50 | 34.72 | 34.99 | 35.25 | 35.55 | 35.82 |
| 16 | 32.21 | 32.71 | 33.17 | --- | 33.99 | 34.25 | 34.52 | 34.73 | 35.00 | 35.28 | 35.55 | 35.86 |
| 17 | 32.22 | 32.74 | 33.16 | --- | 34.05 | 34.33 | 34.48 | 34.73 | 35.00 | 35.31 | 35.56 | 35.85 |
| 18 | 32.31 | 32.75 | 33.15 | --- | 33.98 | 34.35 | 34.54 | 34.74 | 35.01 | 35.29 | 35.57 | 35.83 |
| 19 | 32.30 | 32.74 | 33.18 | --- | 34.01 | 34.27 | 34.56 | 34.75 | 35.01 | 35.30 | 35.60 | 35.88 |
| 20 | 32.30 | 32.74 | 33.21 | --- | 34.11 | 34.30 | 34.53 | 34.76 | 35.02 | 35.31 | 35.60 | 35.86 |
| 21 | 32.31 | 32.77 | 33.21 | --- | 34.09 | 34.39 | 34.51 | 34.76 | 35.02 | 35.33 | 35.62 | 35.88 |
| 22 | 32.29 | 32.79 | 33.25 | --- | 34.08 | 34.35 | 34.55 | 34.76 | 35.03 | 35.35 | 35.62 | 35.88 |
| 23 | 32.36 | 32.81 | 33.25 | --- | 34.08 | 34.35 | 34.57 | 34.76 | 35.05 | 35.34 | 35.61 | 35.75 |
| 24 | 32.39 | 32.82 | 33.26 | --- | 34.08 | 34.34 | 34.52 | 34.78 | 35.06 | 35.35 | 35.61 | 35.70 |
| 25 | 32.39 | 32.81 | 33.30 | --- | 34.10 | 34.32 | 34.60 | 34.80 | 35.07 | 35.36 | 35.62 | 35.76 |
| 26 | 32.38 | 32.84 | 33.24 | --- | 34.12 | 34.31 | 34.59 | 34.83 | 35.08 | 35.37 | 35.65 | 35.95 |
| 27 | 32.41 | 32.88 | 33.29 | --- | 34.10 | 34.27 | 34.56 | 34.80 | 35.09 | 35.37 | 35.65 | 35.96 |
| 28 | 32.44 | 32.89 | 33.30 | --- | 34.16 | 34.41 | 34.58 | 34.79 | 35.08 | 35.38 | 35.67 | 35.91 |
| 29 | 32.44 | 32.91 | 33.36 | --- | --- | 34.48 | 34.62 | 34.84 | 35.09 | 35.39 | 35.68 | 35.94 |
| 30 | 32.46 | 32.94 | 33.35 | --- | --- | 34.41 | 34.61 | 34.86 | 35.12 | 35.40 | 35.68 | 35.91 |
| 31 | 32.46 | --- | 33.38 | --- | --- | 34.47 | --- | 34.85 | --- | 35.42 | 35.71 | --- |
| MEAN | 32.25 | 32.70 | 33.14 | 33.44 | 33.99 | 34.30 | 34.52 | 34.72 | 34.98 | 35.27 | 35.56 | 35.81 |
| MAX | 32.46 | 32.94 | 33.38 | 33.51 | 34.16 | 34.48 | 34.62 | 34.86 | 35.12 | 35.42 | 35.71 | 35.96 |
| MIN | 32.03 | 32.44 | 32.92 | 33.39 | 33.72 | 34.17 | 34.40 | 34.60 | 34.85 | 35.14 | 35.42 | 35.70 |



