

GROUND-WATER LEVELS

GREENE COUNTY

353103077333401. County number, GR-082; L2 Lizzie N26q2.

LOCATION.--Lat 35°31'03", long 77°33'34", Hydrologic Unit 03020203, near Lizzie, 20 ft north of State Road 1335. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Surficial.

WELL CHARACTERISTICS.--Drilled observation well, depth 18 ft, diameter 2 in., cased to 6 ft, screened interval from 6 to 16 ft. INSTRUMENTATION.--Water-level recorder collecting data at 15-minute intervals. Satellite telemetry at site.

DATUM.--Land-surface datum is 76.96 ft above National Geodetic Vertical Datum of 1929 (levels by North Carolina Geodetic Survey). Measuring point: Top of metal casing, 2.71 ft above land surface datum.

REMARKS.--Well is part of multimedia integrated modeling system (MIMS) project.

PERIOD OF RECORD.--December 1999 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded 76.98 ft, above NGVD, Jan. 25, 2000; lowest water level recorded, 69.99 ft, above NGVD, Aug. 30, 2000.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 74.35 | 72.50 | 73.06 | 73.60 | 73.51 | 74.42 | 74.73 | 72.92 | 72.94 | 74.38 | 73.53 | 73.59 |
| 2 | 74.51 | 72.46 | 73.06 | 73.57 | 73.49 | 74.35 | 74.97 | 72.85 | 74.44 | 74.21 | 73.53 | 74.22 |
| 3 | 74.18 | 72.41 | 73.08 | 73.56 | 73.46 | 74.26 | 74.79 | 72.79 | 74.15 | 74.08 | 73.53 | 74.19 |
| 4 | 74.01 | 72.38 | 73.19 | 73.56 | 73.45 | 74.91 | 74.70 | 72.75 | 73.92 | 73.99 | 73.54 | 74.07 |
| 5 | 73.89 | 72.35 | 73.50 | 73.56 | 73.64 | 75.10 | 74.58 | 72.70 | 73.77 | 74.44 | 73.50 | 73.95 |
| 6 | 73.80 | 72.32 | 73.65 | 73.53 | 73.74 | 74.94 | 74.48 | 72.62 | 73.66 | 74.31 | 73.43 | 73.82 |
| 7 | 73.74 | 72.28 | 73.69 | 73.49 | 73.75 | 74.76 | 74.37 | 72.56 | 73.56 | 74.11 | 73.32 | 73.71 |
| 8 | 73.71 | 72.26 | 73.91 | 73.46 | 73.74 | 74.62 | 74.29 | 72.49 | 73.48 | 73.98 | 73.19 | 73.59 |
| 9 | 73.58 | 72.25 | 73.92 | 73.40 | 73.75 | 74.53 | 74.23 | 72.44 | 73.42 | 73.89 | 73.09 | 73.50 |
| 10 | 73.47 | 72.23 | 73.89 | 73.36 | 73.75 | --- | 74.13 | 72.37 | 73.34 | 73.78 | 72.99 | 73.46 |
| 11 | 73.37 | 72.21 | 73.84 | 73.36 | 73.71 | --- | 74.04 | 72.31 | 73.26 | 73.70 | 72.87 | 73.41 |
| 12 | 73.30 | 72.20 | 74.17 | 73.36 | 73.70 | 74.24 | 73.98 | 72.30 | 73.19 | 73.61 | 74.02 | 73.34 |
| 13 | 73.24 | 72.16 | 74.14 | 73.34 | 73.72 | 74.44 | 73.92 | 72.26 | 73.12 | 73.53 | 74.28 | 73.26 |
| 14 | 73.18 | 72.13 | 74.19 | 73.33 | 73.78 | 74.42 | 73.84 | 72.16 | 73.87 | 73.47 | 75.62 | 73.18 |
| 15 | 73.15 | 72.11 | 74.24 | 73.39 | 73.86 | 74.48 | 73.77 | 72.11 | 75.72 | 73.37 | 75.10 | 73.12 |
| 16 | 73.10 | 72.06 | 74.22 | 73.42 | 73.88 | 74.63 | 73.69 | 72.04 | --- | 73.28 | 74.72 | 73.03 |
| 17 | 73.06 | 72.03 | 74.24 | 73.40 | 74.29 | 74.52 | 73.62 | 71.98 | --- | 73.21 | 74.47 | 72.95 |
| 18 | 73.06 | 71.98 | 74.18 | 73.40 | 74.43 | 74.39 | 73.56 | 71.95 | --- | 73.13 | 74.35 | 72.88 |
| 19 | 73.02 | 72.05 | 74.14 | 73.40 | 74.33 | 74.28 | 73.48 | 71.90 | --- | 73.07 | 74.61 | 72.81 |
| 20 | 72.97 | 72.35 | 74.03 | 73.59 | 74.27 | 74.23 | 73.42 | 71.92 | 74.86 | 73.03 | 74.49 | 72.75 |
| 21 | 72.96 | 72.38 | 73.99 | 73.77 | 74.21 | 75.34 | 73.38 | 72.21 | 74.72 | 72.97 | 74.63 | 72.68 |
| 22 | 72.89 | 72.38 | 73.94 | 73.76 | 74.48 | 75.44 | 73.31 | 72.09 | 74.59 | 72.90 | 74.42 | 72.61 |
| 23 | 72.83 | 72.38 | 73.86 | 73.76 | 74.85 | 75.09 | 73.26 | 71.97 | 74.47 | 72.84 | 74.22 | 72.55 |
| 24 | 72.80 | 72.37 | 73.83 | 73.75 | 74.71 | 74.89 | 73.23 | 71.86 | 74.50 | 72.79 | 74.07 | 72.58 |
| 25 | 72.78 | 72.55 | 73.82 | 73.70 | 74.64 | 74.72 | 73.19 | 71.82 | 74.41 | 72.75 | 73.93 | 72.83 |
| 26 | 72.75 | 73.21 | 73.81 | 73.64 | 74.62 | 74.58 | 73.19 | 71.96 | 74.61 | 72.70 | 73.79 | 72.81 |
| 27 | 72.73 | 73.20 | 73.81 | 73.62 | 74.53 | 74.46 | 73.15 | 72.56 | 75.15 | 73.07 | 73.68 | 72.77 |
| 28 | 72.68 | 73.16 | 73.80 | 73.56 | 74.48 | 74.37 | 73.08 | 72.56 | 74.91 | 73.48 | 73.75 | 72.70 |
| 29 | 72.61 | 73.15 | 73.76 | 73.54 | --- | 74.50 | 72.99 | 72.78 | 74.73 | 73.47 | 73.72 | 72.63 |
| 30 | 72.58 | 73.11 | 73.71 | 73.55 | --- | 74.92 | 72.95 | 72.90 | 74.55 | 73.52 | 73.70 | 72.58 |
| 31 | 72.54 | --- | 73.62 | 73.55 | --- | 74.75 | --- | 72.84 | --- | 73.53 | 73.66 | --- |

WTR YR 2001 MEAN 73.53 MAX 75.72 MIN 71.82

