

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 station.

DATUM.--Land-surface datum is 76.96 ft above NGVD 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 of 1929, Jan. 25, 2000; lowest water level recorded, 68.44 ft, above NGVD of 1929, Sept. 30, 2002.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 72.53 | 71.47 | 70.71 | 70.23 | 74.78 | 73.83 | 75.81 | 73.51 | 72.54 | 71.96 | 71.34 | 69.18 |
| 2 | 72.47 | 71.44 | 70.69 | 70.21 | 74.67 | 73.90 | 75.44 | 73.45 | 72.75 | 71.87 | 71.21 | 69.16 |
| 3 | 72.39 | 71.40 | 70.67 | 70.23 | 74.58 | 75.08 | 75.43 | 73.35 | 72.62 | 71.77 | 71.08 | 69.10 |
| 4 | 72.33 | 71.38 | 70.65 | 70.23 | 74.50 | 74.93 | 75.56 | 73.30 | 72.51 | 71.68 | 70.99 | 69.06 |
| 5 | 72.29 | 71.37 | 70.62 | 70.31 | 74.36 | 74.73 | 75.20 | 73.56 | 72.44 | 71.65 | 70.91 | 69.02 |
| 6 | 72.30 | 71.34 | 70.61 | 71.18 | 74.31 | 74.63 | 74.98 | 73.57 | 72.39 | 72.22 | 70.81 | 68.98 |
| 7 | 72.41 | 71.30 | 70.60 | 73.41 | 75.27 | 74.55 | 74.80 | 73.55 | 72.98 | 72.09 | 70.70 | 68.94 |
| 8 | 72.38 | 71.26 | 70.57 | 73.78 | 75.53 | 74.45 | 74.71 | 73.48 | 72.91 | 71.97 | 70.60 | 68.89 |
| 9 | 72.34 | 71.23 | 70.53 | 73.76 | 75.21 | 74.38 | 74.61 | 73.41 | 72.80 | 71.90 | 70.51 | 68.85 |
| 10 | 72.30 | 71.22 | 70.50 | 73.71 | 75.12 | 74.32 | 75.01 | 73.31 | 72.74 | 71.81 | 70.43 | 68.91 |
| 11 | 72.27 | 71.20 | 70.56 | 73.64 | 75.57 | 74.23 | 75.12 | 73.22 | 72.63 | 71.69 | 70.35 | 68.96 |
| 12 | 72.24 | 71.17 | 70.53 | 73.58 | 75.25 | 74.17 | 74.91 | 73.16 | 72.52 | 71.62 | 70.27 | 68.83 |
| 13 | 72.20 | 71.16 | 70.53 | 74.88 | 75.02 | 74.76 | 74.76 | 73.13 | 72.42 | 71.54 | 70.20 | 68.80 |
| 14 | 72.18 | 71.16 | 70.53 | 74.68 | 74.84 | 75.20 | 74.66 | 73.63 | 72.38 | 71.63 | 70.11 | 68.76 |
| 15 | 72.16 | 71.15 | 70.50 | 74.90 | 74.76 | 74.97 | 74.81 | 73.52 | 72.60 | 72.10 | 70.11 | 68.75 |
| 16 | 72.15 | 71.07 | 70.49 | 74.63 | 74.70 | 74.81 | 74.65 | 73.41 | 72.47 | 71.98 | 70.07 | 68.73 |
| 17 | 72.10 | 70.97 | 70.50 | 74.51 | 74.60 | 74.64 | 74.51 | 73.34 | 72.35 | 71.87 | 70.01 | 68.71 |
| 18 | 72.05 | 70.94 | 70.51 | 74.37 | 74.46 | 74.57 | 74.40 | 73.28 | 72.25 | 71.77 | 69.92 | 68.67 |
| 19 | 72.03 | 70.92 | 70.47 | 74.42 | 74.39 | 74.47 | 74.32 | 73.38 | 72.16 | 71.67 | 69.85 | 68.64 |
| 20 | 71.98 | 70.91 | 70.43 | --- | 74.33 | 74.42 | 74.58 | 73.34 | 72.09 | 71.58 | 69.77 | 68.62 |
| 21 | 71.94 | 70.90 | 70.42 | --- | 74.30 | 74.44 | 74.46 | 73.28 | 72.02 | 71.47 | 69.70 | 68.61 |
| 22 | 71.91 | 70.84 | 70.40 | --- | 74.27 | 74.51 | 74.32 | 73.22 | 71.98 | 71.38 | 69.64 | 68.58 |
| 23 | 71.90 | 70.77 | 70.40 | --- | 74.21 | 74.41 | 74.13 | 73.13 | 71.93 | 71.33 | 69.60 | 68.56 |
| 24 | 71.86 | 70.94 | 70.39 | --- | 74.13 | 74.31 | 74.01 | 73.06 | 71.87 | 71.26 | 69.54 | 68.53 |
| 25 | 71.80 | 71.00 | 70.37 | --- | 74.07 | 74.23 | 73.95 | 72.96 | 71.79 | 71.28 | 69.47 | 68.51 |
| 26 | 71.74 | 70.87 | 70.36 | --- | 74.05 | 74.15 | 73.84 | 72.89 | 71.73 | 71.45 | 69.41 | 68.50 |
| 27 | 71.69 | 70.81 | 70.34 | --- | 74.00 | 74.25 | 73.75 | 72.82 | 71.69 | 71.48 | 69.36 | 68.51 |
| 28 | 71.60 | 70.77 | 70.33 | --- | 73.90 | 74.28 | 73.72 | 72.77 | 71.80 | 71.78 | 69.31 | 68.49 |
| 29 | 71.56 | 70.74 | 70.30 | 74.98 | --- | 74.22 | 73.67 | 72.68 | 72.17 | 71.67 | 69.28 | 68.47 |
| 30 | 71.54 | 70.74 | 70.26 | 74.86 | --- | 74.23 | 73.58 | 72.63 | 72.05 | 71.58 | 69.23 | 68.45 |
| 31 | 71.51 | --- | 70.26 | 74.80 | --- | 75.11 | --- | 72.57 | --- | 71.48 | 69.19 | --- |

WTR YR 2002 MEAN 72.18 MAX 75.81 MIN 68.45

