

GROUND-WATER LEVELS

GREENE COUNTY

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

LOCATION.--Lat 35°31'03.64", long 77°33'32.66", Hydrologic Unit 03020203, near Lizzie, 20 ft north of Secondary 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, 68.26 ft, above NGVD of 1929, Oct. 11, 2002.

ELEVATION ABOVE NGVD 1929, FEET
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 68.43 | 72.94 | 74.44 | 74.76 | 74.04 | 75.67 | 74.63 | 73.99 | 75.45 | 72.80 | 74.12 | 73.59 |
| 2 | 68.42 | 72.92 | 74.41 | 74.83 | 74.03 | 75.77 | 74.53 | 73.94 | 75.03 | 73.58 | 73.99 | 73.51 |
| 3 | 68.39 | 72.88 | 74.28 | 74.79 | 74.00 | 75.41 | 74.44 | 73.83 | 74.86 | 75.54 | 73.88 | 73.43 |
| 4 | 68.38 | 72.86 | 74.22 | 74.71 | 74.01 | 75.16 | 74.34 | 73.76 | 74.79 | 75.07 | 73.89 | 73.42 |
| 5 | 68.36 | 72.83 | 75.43 | 74.60 | 73.93 | 75.28 | 74.25 | 73.70 | 74.75 | 74.79 | 74.30 | 74.03 |
| 6 | 68.34 | 73.00 | 75.45 | 74.54 | 73.89 | 75.87 | 74.14 | 74.59 | 74.59 | 74.63 | 75.97 | 74.00 |
| 7 | 68.32 | 73.03 | 75.18 | 74.44 | 74.77 | 75.90 | 74.30 | 74.88 | 74.48 | 74.45 | 76.07 | 73.94 |
| 8 | 68.31 | 73.06 | 75.03 | 74.41 | 74.90 | 75.78 | 74.76 | 74.70 | 74.65 | 74.29 | 76.09 | 73.85 |
| 9 | 68.30 | 73.08 | 74.89 | 74.37 | 74.79 | 75.60 | 75.84 | 74.57 | 74.62 | 74.15 | 75.92 | 73.77 |
| 10 | 68.28 | 73.12 | 74.85 | 74.29 | 75.27 | 75.25 | 76.19 | 74.98 | 74.45 | 74.06 | 76.01 | 73.68 |
| 11 | 68.98 | 73.20 | 74.96 | 74.20 | 75.37 | 75.11 | 75.98 | 74.82 | 74.31 | 74.50 | 75.98 | 73.62 |
| 12 | 72.14 | 74.15 | 74.95 | 74.14 | 75.14 | 75.07 | 75.70 | 74.59 | 74.19 | 75.26 | 75.64 | 73.57 |
| 13 | 72.28 | 75.61 | 75.35 | 74.12 | 74.92 | 74.98 | 75.29 | 74.39 | 74.08 | 75.01 | 75.44 | 73.51 |
| 14 | 72.30 | 75.44 | 75.65 | 74.10 | 74.80 | 74.93 | 74.98 | 74.21 | 74.01 | 75.61 | 75.49 | 73.47 |
| 15 | 72.33 | 75.20 | 75.30 | 74.02 | 74.79 | 74.85 | 74.84 | 74.08 | 73.91 | 75.36 | 75.24 | 73.43 |
| 16 | 72.36 | 75.29 | --- | 73.98 | 75.06 | 74.95 | 74.75 | 73.99 | 73.79 | 74.98 | 75.43 | 73.36 |
| 17 | 72.33 | --- | 74.91 | 73.99 | 76.01 | 75.17 | 74.61 | 73.91 | 73.70 | 74.75 | 75.76 | 73.30 |
| 18 | 72.26 | 75.78 | 74.81 | 73.96 | 75.78 | 75.03 | 74.48 | 73.85 | 73.62 | 74.65 | 75.80 | 74.48 |
| 19 | 72.23 | 75.54 | 74.80 | 73.94 | 75.59 | 74.83 | 74.46 | --- | 73.58 | 74.53 | 75.45 | 75.62 |
| 20 | 72.20 | 75.33 | 75.25 | 73.93 | 75.44 | 75.46 | 74.45 | 75.34 | 73.55 | 74.40 | 75.09 | 75.22 |
| 21 | 72.18 | 75.23 | 75.25 | 73.91 | 75.29 | 76.17 | 74.44 | 75.03 | 73.49 | 74.27 | 74.87 | 74.95 |
| 22 | 72.21 | 75.26 | 75.03 | 73.86 | 75.41 | 75.82 | 74.66 | 74.84 | 73.43 | 74.19 | 74.72 | 74.80 |
| 23 | 72.22 | 74.98 | 74.85 | 73.84 | 75.65 | 75.52 | 74.55 | --- | 73.35 | 74.34 | 74.59 | 75.16 |
| 24 | 72.21 | 74.88 | 74.95 | 73.79 | 75.25 | 75.21 | 74.42 | 76.08 | 73.24 | 74.78 | 74.45 | 75.02 |
| 25 | 72.21 | 74.82 | 75.30 | 73.79 | 75.05 | 74.99 | 74.36 | 75.81 | 73.19 | 74.59 | 74.33 | 74.78 |
| 26 | 72.22 | 74.77 | 74.94 | 73.81 | 74.95 | 74.88 | 74.34 | 76.24 | 73.13 | 74.45 | 74.22 | 74.61 |
| 27 | 72.17 | 74.71 | 74.79 | 73.76 | 75.24 | 74.74 | 74.31 | 76.14 | 73.06 | 74.36 | 74.10 | 74.54 |
| 28 | 72.19 | 74.63 | 74.72 | 73.74 | 75.89 | 74.65 | --- | 75.93 | 72.98 | 74.25 | 73.98 | 74.89 |
| 29 | 72.47 | 74.58 | 74.64 | 73.73 | --- | 74.60 | 74.07 | 75.59 | 72.93 | 74.11 | 73.87 | 74.90 |
| 30 | 72.80 | 74.54 | 74.56 | 73.72 | --- | 74.63 | 74.03 | 75.25 | 72.86 | 74.30 | 73.78 | 74.62 |
| 31 | 72.92 | --- | 74.52 | 73.90 | --- | 74.75 | --- | 75.28 | --- | 74.22 | 73.68 | --- |

WTR YR 2003 MEAN 74.28 MAX 76.24 MIN 68.28

