

## GROUND-WATER LEVELS

## JONES COUNTY

345809077301408. Local number, NC-173; DENR Comfort Research Station well U26j8; County number, JO-035.

LOCATION.--Lat 34°58'09.9", long 77°30'12.0", Hydrologic Unit 03020204, 2.5 mi south of Comfort at North Carolina Division of Forest Resources Fire Tower on Secondary Road 1003. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 15 ft, diameter 4 in., cased to 5 ft, screened interval from 5 to 15 ft.

INSTRUMENTATION.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at station.

DATUM.--Land-surface datum is 68 ft above NGVD of 1929 (from topographic map). Measuring point: Top of collar on casing, 2.35 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--January 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.06 ft above land-surface datum, Sept. 16, 1999; lowest water level recorded, 10.14 ft below land-surface datum, Nov. 6-13, 2002.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE  
WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003  
DAILY MEAN VALUES

| DAY | OCT   | NOV   | DEC  | JAN  | FEB  | MAR  | APR  | MAY  | JUN  | JUL  | AUG  | SEP  |
|-----|-------|-------|------|------|------|------|------|------|------|------|------|------|
| 1   | 9.77  | 10.11 | 9.11 | 7.28 | 6.71 | 3.23 | 2.61 | 3.94 | 2.12 | 4.86 | 3.27 | 4.22 |
| 2   | 9.77  | 10.12 | 9.11 | 7.17 | 6.78 | 3.13 | 2.72 | 4.02 | 2.59 | 3.51 | 3.44 | 4.40 |
| 3   | 9.78  | 10.12 | 9.11 | 6.84 | 6.78 | 3.28 | 2.83 | 4.18 | 2.87 | 1.51 | 3.26 | 4.58 |
| 4   | 9.79  | 10.13 | 9.12 | 6.75 | 6.72 | 3.36 | 2.95 | 4.25 | 2.94 | 2.00 | 2.69 | 4.72 |
| 5   | 9.81  | 10.13 | 9.09 | 6.62 | 6.90 | 3.37 | 3.07 | 4.34 | 3.03 | 2.43 | 2.80 | 4.84 |
| 6   | ---   | 10.14 | 9.08 | 6.53 | 6.86 | 3.37 | 3.22 | 4.42 | 3.30 | 2.78 | 2.95 | 4.93 |
| 7   | ---   | 10.14 | 9.07 | 6.54 | 6.58 | 3.34 | 3.17 | 4.53 | 3.28 | 3.08 | 2.91 | 4.97 |
| 8   | 9.89  | 10.14 | 9.05 | 6.40 | 6.53 | 3.22 | 2.83 | 4.69 | 2.82 | 3.36 | 2.66 | 5.05 |
| 9   | 9.91  | 10.14 | 9.04 | 6.46 | 6.35 | 3.24 | 1.33 | 4.85 | 2.97 | 3.65 | 2.52 | 5.13 |
| 10  | 9.92  | 10.14 | 9.02 | 6.58 | 6.11 | 3.42 | 0.68 | 5.02 | 3.30 | 3.82 | 2.40 | 5.23 |
| 11  | 9.93  | 10.14 | 8.99 | 6.71 | 5.93 | 3.48 | 0.81 | 5.19 | 3.55 | 4.05 | 2.59 | 5.33 |
| 12  | 9.92  | 10.14 | 8.97 | 6.73 | 5.67 | 3.50 | 1.01 | 5.39 | 3.75 | 4.23 | 2.79 | 5.41 |
| 13  | 9.92  | 10.13 | 8.92 | 6.58 | 5.60 | 3.54 | 1.37 | 5.60 | 3.91 | 3.61 | 2.33 | 5.51 |
| 14  | ---   | 10.09 | 8.83 | 6.59 | 5.56 | 3.69 | 1.66 | 5.79 | 4.14 | 0.71 | 1.54 | 5.61 |
| 15  | ---   | 10.03 | 8.69 | 6.70 | 5.52 | 3.72 | 1.87 | 5.88 | 4.37 | 1.10 | 1.97 | 5.69 |
| 16  | ---   | 9.98  | 8.54 | 6.67 | 5.50 | 3.33 | 2.07 | 5.98 | 4.49 | 1.36 | 2.26 | 5.86 |
| 17  | ---   | 9.91  | 8.46 | 6.62 | 4.68 | 2.37 | 2.31 | 6.14 | 4.34 | 1.54 | 2.49 | 5.98 |
| 18  | ---   | 9.81  | 8.38 | 6.75 | 4.23 | 2.31 | 2.50 | 6.19 | 4.23 | 0.80 | 1.06 | 5.77 |
| 19  | ---   | 9.68  | 8.30 | 6.74 | 4.15 | 2.46 | 2.64 | 6.20 | 3.70 | 0.86 | 1.29 | 5.51 |
| 20  | ---   | 9.56  | 8.20 | 6.69 | 4.13 | 1.75 | 2.77 | 6.28 | 2.09 | 0.56 | 1.63 | 5.23 |
| 21  | ---   | 9.45  | 8.20 | 6.77 | 4.11 | 0.81 | 2.90 | 6.42 | 2.33 | 1.04 | 1.95 | 5.14 |
| 22  | ---   | 9.36  | 8.12 | 6.84 | 4.09 | 1.15 | 3.04 | 6.50 | 2.67 | 1.43 | 2.25 | 5.09 |
| 23  | ---   | 9.30  | 8.09 | 6.81 | 4.05 | 1.44 | 3.25 | 5.87 | 2.98 | 1.69 | 2.44 | 5.05 |
| 24  | ---   | 9.25  | 7.99 | 6.98 | 4.00 | 1.68 | 3.41 | 3.98 | 3.29 | 1.44 | 2.59 | 5.04 |
| 25  | ---   | 9.21  | 7.82 | 6.97 | 4.00 | 1.89 | 3.47 | 3.73 | 3.57 | 1.81 | 2.82 | 5.01 |
| 26  | 10.11 | 9.18  | 7.77 | 6.84 | 4.01 | 2.06 | 3.14 | 3.74 | 3.84 | 2.10 | 3.00 | 5.05 |
| 27  | 10.11 | 9.16  | 7.59 | 6.99 | 3.95 | 2.24 | 3.26 | 2.48 | 4.12 | 2.33 | 3.22 | 5.09 |
| 28  | 10.11 | 9.14  | 7.48 | 6.98 | 3.44 | 2.36 | 3.44 | 1.55 | 4.38 | 2.54 | 3.44 | 5.13 |
| 29  | 10.11 | 9.12  | 7.46 | 6.90 | ---  | 2.44 | 3.61 | 1.99 | 4.55 | 2.76 | 3.64 | 5.30 |
| 30  | 10.11 | 9.10  | 7.47 | 6.97 | ---  | 2.46 | 3.81 | 2.35 | 4.72 | 2.97 | 3.84 | 5.41 |
| 31  | 10.11 | ---   | 7.42 | 6.84 | ---  | 2.45 | ---  | 2.47 | ---  | 3.11 | 4.04 | ---  |

WTR YR 2003 MEAN 5.14 HIGH 0.56 LOW 10.14

JONES COUNTY—Continued

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