

GROUND-WATER LEVELS

ONslow COUNTY--Continued

343641077290106. County number, ON-230; DENR Dixon Tower Research Station well Y25q6.

LOCATION.--Lat 34°36'41", long 77°29'01", Hydrologic Unit 03030001, 1.5 mi. north of Dixon on U.S. Highway 17. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 22.0 ft, diameter 4 in., cased to 18.4 ft, screened interval from 18.4 to 22.0 ft.

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

DATUM.--Land-surface datum is 68 ft above sea level, (levels by DENR). Measuring point: Top of shelter floor, 2.52 ft above land-surface datum; revised from 2.10 ft above land-surface datum July 21, 1999.

REMARKS.--Well is part of U.S. Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.37 ft below land-surface datum, Jan. 22, 1995; lowest water level recorded, 11.07 ft below land-surface datum, Aug. 20, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|------|------|------|------|------|------|------|------|------|------|-------|------|
| 1 | 7.42 | 9.04 | 7.59 | 7.82 | 8.22 | 7.91 | --- | 8.77 | 9.29 | 8.62 | 9.51 | --- |
| 2 | 7.40 | 9.08 | 7.59 | 7.85 | 8.24 | 7.92 | 7.78 | 8.84 | 9.03 | 8.71 | 9.52 | --- |
| 3 | 7.48 | 9.12 | 7.43 | 7.89 | 8.28 | 7.92 | 7.80 | 8.92 | 8.88 | 8.80 | 9.53 | --- |
| 4 | 7.55 | 9.15 | 7.37 | 7.91 | 8.21 | 7.76 | 7.85 | 8.99 | 8.84 | 8.86 | 9.57 | --- |
| 5 | 7.60 | 9.13 | 7.37 | 7.92 | 8.00 | 7.70 | 7.91 | 9.05 | 8.84 | 8.92 | 9.65 | --- |
| 6 | 7.65 | 9.12 | 7.39 | 7.94 | 7.96 | 7.73 | 7.95 | 9.12 | 8.88 | 8.95 | 9.73 | --- |
| 7 | 7.72 | 9.11 | 7.43 | 7.98 | 7.97 | 7.77 | 8.00 | 9.19 | 8.93 | 8.87 | 9.79 | 8.94 |
| 8 | 7.78 | 9.13 | 7.48 | 7.98 | 7.99 | 7.81 | 8.05 | 9.24 | 8.95 | 8.86 | 9.87 | 9.01 |
| 9 | 7.79 | 9.14 | 7.54 | 8.01 | 8.01 | 7.83 | 8.10 | 9.30 | 8.91 | 8.89 | 9.95 | 8.71 |
| 10 | 7.85 | 9.18 | 7.52 | 8.06 | 8.03 | 7.87 | 8.15 | 9.35 | 8.90 | 8.97 | 10.04 | 8.38 |
| 11 | 7.91 | 9.24 | 7.50 | 8.08 | 8.09 | 7.92 | 8.21 | 9.41 | 8.93 | --- | --- | 8.25 |
| 12 | 7.97 | 9.29 | 7.52 | 8.09 | 8.06 | 7.94 | 8.26 | 9.46 | 8.99 | --- | --- | 8.22 |
| 13 | 8.02 | 9.33 | 7.58 | 8.12 | 7.90 | 7.89 | 8.30 | 9.42 | 9.04 | --- | --- | 8.22 |
| 14 | 8.08 | 9.30 | 7.55 | 8.11 | 7.86 | 7.93 | 8.37 | 9.40 | 8.83 | --- | --- | 8.23 |
| 15 | 8.13 | 9.19 | 7.56 | 7.94 | 7.87 | 7.87 | 8.41 | 9.40 | 8.49 | --- | --- | 8.27 |
| 16 | 8.20 | 9.12 | 7.58 | 7.90 | 7.90 | 7.78 | 8.47 | 9.39 | 8.27 | --- | --- | 8.32 |
| 17 | 8.25 | 9.01 | 7.54 | 7.91 | 7.89 | 7.79 | 8.52 | 9.36 | 8.20 | --- | --- | 8.40 |
| 18 | 8.28 | 8.96 | 7.55 | 7.93 | 7.88 | 7.85 | 8.57 | 9.34 | 8.20 | --- | --- | 8.47 |
| 19 | 8.35 | 8.87 | 7.57 | 7.95 | 7.89 | 7.90 | 8.64 | 9.36 | 8.22 | --- | --- | 8.54 |
| 20 | 8.42 | 8.62 | 7.63 | 7.92 | 7.91 | 7.89 | 8.68 | 9.42 | 8.27 | --- | --- | 8.56 |
| 21 | 8.47 | 8.50 | 7.67 | 7.92 | 7.95 | 7.59 | 8.74 | 9.47 | 8.32 | --- | --- | 8.60 |
| 22 | 8.53 | 8.46 | 7.70 | 7.94 | 7.93 | 7.54 | 8.79 | 9.53 | 8.39 | --- | --- | 8.64 |
| 23 | 8.59 | 8.44 | 7.76 | 7.95 | 7.87 | 7.56 | 8.83 | 9.48 | 8.46 | --- | --- | 8.70 |
| 24 | 8.63 | 8.44 | 7.78 | 7.99 | 7.89 | 7.59 | 8.88 | 9.37 | 8.48 | --- | --- | 8.75 |
| 25 | 8.68 | 8.32 | 7.82 | 8.03 | 7.91 | 7.62 | 8.82 | 9.36 | 8.30 | --- | --- | 8.80 |
| 26 | 8.71 | 7.79 | 7.85 | 8.09 | 7.94 | 7.65 | 8.60 | 9.39 | 8.27 | --- | --- | 8.89 |
| 27 | 8.75 | 7.63 | 7.84 | 8.10 | 8.00 | 7.71 | 8.55 | 9.45 | 8.31 | --- | --- | 8.94 |
| 28 | 8.81 | 7.58 | 7.74 | 8.15 | 7.95 | 7.75 | 8.57 | 9.48 | 8.38 | --- | --- | 9.01 |
| 29 | 8.90 | 7.56 | 7.71 | 8.17 | --- | 7.73 | 8.65 | 9.37 | 8.45 | --- | --- | 9.09 |
| 30 | 8.94 | 7.56 | 7.72 | 8.16 | --- | 7.69 | 8.71 | 9.28 | 8.53 | 9.62 | --- | 9.16 |
| 31 | 8.99 | --- | 7.77 | 8.18 | --- | 7.73 | --- | 9.27 | --- | 9.52 | --- | --- |

WTR YR 2001 MEAN 8.39 HIGH 7.37 LOW 10.04

ONSLOW COUNTY--Continued

343641077290106 County number, ON-230; DENR Dixon Tower Research Station well Y25q6

