

GROUND-WATER LEVELS

ONslow COUNTY--Continued

344139077211206. County number, ON-266; DENR Hadnot Point Research Station well X24s6.

LOCATION.--Lat 34°41'39", long 77°21'12", Hydrologic Unit 03030001, at Camp Lejeune, 1.6 mi south of intersection of Brewster Boulevard and Stone Street Extension, on Stone Street Extension, near tack shop, in pasture. Owner: DENR (North Carolina Department of Environment and Natural Resources).

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 130 ft, diameter 6 in., cased to 120 ft, screened interval from 120 to 130 ft.

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

DATUM.--Land-surface datum is 23.47 ft above NGVD of 1929, (levels by DENR). Measuring point: Top of shelter floor, 1.73 ft above land-surface datum.

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, 14.09 ft below land-surface datum, Oct. 18, 1996; lowest water level recorded, 19.55 ft below land-surface datum, July 5, 8, 9, 10, 2002.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002
DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1 | 18.43 | 18.71 | 18.89 | 19.16 | 19.21 | 19.36 | 19.02 | 19.15 | 19.37 | 19.51 | 19.31 | 19.07 |
| 2 | 18.44 | 18.72 | 18.90 | 19.17 | 19.23 | 19.30 | 19.02 | 19.15 | 19.37 | 19.52 | 19.31 | 19.03 |
| 3 | 18.45 | 18.72 | 18.93 | 19.14 | 19.23 | 19.19 | 19.02 | 19.17 | 19.38 | 19.53 | 19.31 | 18.99 |
| 4 | 18.45 | 18.74 | 18.94 | 19.17 | 19.26 | 19.23 | 19.05 | 19.16 | 19.39 | 19.54 | 19.30 | 18.95 |
| 5 | 18.46 | 18.77 | 18.96 | 19.17 | 19.33 | 19.26 | 19.05 | 19.14 | 19.40 | 19.54 | 19.29 | 18.90 |
| 6 | 18.45 | 18.78 | 18.96 | 19.10 | 19.32 | 19.23 | 19.06 | 19.15 | 19.41 | 19.52 | 19.29 | 18.88 |
| 7 | 18.49 | 18.80 | 18.95 | 19.10 | 19.22 | 19.21 | 19.09 | 19.14 | 19.43 | 19.53 | 19.31 | 18.86 |
| 8 | 18.52 | 18.80 | 18.95 | 19.15 | 19.23 | 19.20 | 19.08 | 19.14 | 19.45 | 19.55 | 19.33 | 18.83 |
| 9 | 18.53 | 18.80 | 18.97 | 19.16 | 19.25 | 19.19 | 19.06 | 19.15 | 19.47 | 19.55 | 19.34 | 18.81 |
| 10 | 18.52 | 18.81 | 19.00 | 19.15 | 19.21 | 19.19 | 19.04 | 19.16 | 19.48 | 19.55 | 19.34 | 18.77 |
| 11 | 18.52 | 18.81 | 18.96 | 19.15 | 19.21 | 19.20 | 19.04 | 19.18 | 19.49 | 19.51 | 19.35 | 18.76 |
| 12 | 18.52 | 18.84 | 18.97 | 19.16 | 19.25 | 19.19 | 19.03 | 19.20 | 19.49 | 19.52 | 19.34 | 18.76 |
| 13 | 18.53 | 18.84 | 18.96 | 19.16 | 19.24 | 19.12 | 19.03 | 19.20 | 19.49 | 19.50 | 19.34 | 18.77 |
| 14 | 18.52 | 18.82 | 18.95 | 19.18 | 19.27 | 19.14 | 19.04 | 19.23 | 19.49 | 19.46 | 19.35 | 18.76 |
| 15 | 18.54 | 18.82 | 18.98 | 19.16 | 19.26 | 19.13 | 19.04 | 19.28 | 19.49 | 19.43 | 19.34 | 18.75 |
| 16 | 18.54 | 18.82 | 19.03 | 19.19 | 19.22 | 19.12 | 19.05 | 19.28 | 19.50 | 19.43 | 19.34 | 18.72 |
| 17 | 18.58 | 18.84 | 19.00 | 19.18 | 19.25 | 19.12 | 19.06 | 19.28 | 19.50 | 19.43 | 19.34 | 18.71 |
| 18 | 18.60 | 18.85 | 18.98 | 19.18 | 19.31 | 19.11 | 19.06 | 19.27 | 19.51 | 19.43 | 19.34 | 18.71 |
| 19 | 18.59 | 18.84 | 19.02 | 19.17 | 19.30 | 19.11 | 19.06 | 19.30 | 19.51 | 19.43 | 19.35 | 18.71 |
| 20 | 18.60 | 18.83 | 19.05 | 19.20 | 19.27 | 19.09 | 19.05 | 19.32 | 19.51 | 19.44 | 19.36 | 18.71 |
| 21 | 18.61 | 18.89 | 19.10 | 19.19 | 19.26 | 19.08 | 19.05 | 19.33 | 19.52 | 19.45 | 19.37 | 18.71 |
| 22 | 18.61 | 18.91 | 19.11 | 19.20 | 19.27 | 19.09 | 19.05 | 19.34 | 19.52 | 19.46 | 19.39 | 18.71 |
| 23 | 18.62 | 18.89 | 19.08 | 19.17 | 19.28 | 19.10 | 19.09 | 19.34 | 19.51 | 19.44 | 19.38 | 18.70 |
| 24 | 18.62 | 18.86 | 19.03 | 19.14 | 19.31 | 19.09 | 19.12 | 19.35 | 19.52 | 19.44 | 19.39 | 18.70 |
| 25 | 18.62 | 18.86 | 19.11 | 19.16 | 19.31 | 19.07 | 19.10 | 19.35 | 19.52 | 19.43 | 19.40 | 18.70 |
| 26 | 18.69 | 18.86 | 19.10 | 19.18 | 19.29 | 19.06 | 19.13 | 19.36 | 19.53 | 19.39 | 19.38 | 18.70 |
| 27 | 18.72 | 18.87 | 19.12 | 19.19 | 19.30 | 19.04 | 19.13 | 19.37 | 19.51 | 19.37 | 19.36 | 18.69 |
| 28 | 18.74 | 18.89 | 19.12 | 19.19 | 19.36 | 19.06 | 19.10 | 19.37 | 19.51 | 19.35 | 19.32 | 18.69 |
| 29 | 18.74 | 18.89 | 19.11 | 19.20 | --- | 19.06 | 19.11 | 19.37 | 19.51 | 19.35 | 19.30 | 18.69 |
| 30 | 18.73 | 18.89 | 19.15 | 19.21 | --- | 19.04 | 19.17 | 19.37 | 19.51 | 19.34 | 19.23 | 18.69 |
| 31 | 18.72 | --- | 19.15 | 19.21 | --- | 19.03 | --- | 19.37 | --- | 19.33 | 19.13 | --- |

WTR YR 2002 MEAN 19.11 HIGH 18.43 LOW 19.55

ONSLOW COUNTY--Continued

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