GROUND-WATER LEVELS

ONSLOW COUNTY—Continued

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

LOCATION.--Lat 34°41'35", long 77°21'06", 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 July 2005 (discontinued).

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 TO WATER LEVEL, FEET BELOW LAND SURFACE WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005 DAILY MEAN VALUES

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| 1 | | 16.13 | | 16.97 | | 17.07 | 17.03 | 16.71 | 16.83 | 17.06 | | |
| 2 3 | | 16.15 | | 16.99 | | 17.12 | 16.92 | 16.73 | 16.77 | 17.08 | | |
| 3 | | 16.15 | 16.67 | 17.00 | 17.06 | 17.14 | 16.96 | 16.77 | 16.79 | 17.11 | | |
| 4 | | 16.15 | 16.72 | | 17.06 | 17.14 | 16.97 | 16.79 | 16.78 | 17.12 | | |
| 5 | | | 16.75 | 16.89 | 17.08 | 17.11 | 16.96 | 16.79 | 16.79 | 17.10 | | |
| 6 | | | 16.74 | 16.90 | 17.09 | 17.15 | 16.93 | 16.69 | 16.80 | 17.11 | | |
| 7 | | | 16.72 | 16.95 | 17.06 | 17.10 | 16.86 | 16.69 | 16.81 | 17.13 | | |
| 8 | | | 16.76 | 16.95 | 17.04 | 17.07 | 16.80 | 16.68 | 16.83 | 17.15 | | |
| 9 | | | 16.75 | 16.98 | 17.02 | 17.17 | 16.80 | 16.69 | 16.86 | 17.19 | | |
| 10 | 15.66 | | 16.66 | 16.97 | 17.00 | 17.14 | 16.79 | 16.70 | 16.88 | 17.20 | | |
| 11 | 15.72 | | 16.70 | | 17.07 | 17.12 | 16.76 | 16.70 | 16.88 | 17.21 | | |
| 12 | 15.73 | | 16.80 | | 17.07 | 17.15 | 16.72 | 16.72 | 16.89 | 17.21 | | |
| 13 | | | 16.82 | | 17.11 | 17.17 | 16.69 | 16.72 | 16.88 | 17.21 | | |
| 14 | 15.72 | | 16.89 | 16.93 | 17.10 | 17.21 | 16.69 | 16.68 | 16.90 | 17.20 | | |
| 15 | 15.74 | | 16.92 | 16.97 | 17.11 | 17.23 | 16.70 | 16.67 | 16.92 | 17.21 | | |
| 16 | 15.84 | | 16.93 | 16.91 | 17.08 | 17.18 | 16.70 | 16.68 | 16.95 | 17.22 | | |
| 17 | 15.90 | | 16.90 | 16.97 | 17.12 | 17.16 | 16.67 | 16.70 | 16.98 | 17.23 | | |
| 18 | 15.92 | | 16.88 | 17.05 | 17.16 | 17.18 | 16.65 | 16.71 | 17.00 | 17.23 | | |
| 19 | | | 16.88 | 16.99 | 17.18 | 17.18 | 16.65 | 16.71 | 17.03 | 17.25 | | |
| 20 | | | 17.00 | 16.94 | 17.16 | 17.15 | 16.64 | 16.68 | 17.06 | 17.26 | | |
| 21 | 15.96 | | 17.01 | 16.96 | 17.12 | 17.17 | 16.63 | 16.69 | 17.08 | 17.21 | | |
| 22 | 15.99 | | 16.99 | 16.95 | 17.16 | 17.17 | 16.63 | 16.67 | 17.07 | 17.19 | | |
| 23 | 15.99 | | 16.83 | 16.99 | 17.18 | 17.07 | 16.59 | 16.64 | 17.11 | 17.19 | | |
| 24 | 15.99 | | 16.87 | 17.05 | 17.11 | 17.13 | 16.62 | 16.67 | 17.13 | 17.21 | | |
| 25 | 15.99 | | 16.92 | 17.01 | 17.17 | 17.12 | 16.66 | 16.71 | 17.12 | 17.21 | | |
| 26 | 16.04 | | 16.89 | 16.98 | 17.17 | 17.14 | 16.67 | 16.73 | 17.11 | 17.22 | | |
| 27 | 16.06 | | 16.95 | 17.08 | 17.14 | 17.11 | 16.65 | 16.76 | 17.14 | 17.24 | | |
| 28 | 16.07 | | 16.95 | | 17.01 | 17.00 | 16.71 | 16.76 | 17.14 | 17.27 | | |
| 29 | 16.07 | | 16.92 | | | 17.05 | 16.70 | 16.78 | 17.08 | | | |
| 30 | 16.06 | | 16.94 | | | 17.09 | 16.69 | 16.79 | 17.06 | | | |
| 31 | 16.08 | | 16.96 | | | 17.07 | | 16.82 | | | | |

WTR YR 2005 MEAN 16.86 HIGH 15.66 LOW 17.27

ONSLOW COUNTY—Continued

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