

GROUND-WATER LEVELS

196

ONslow COUNTY—Continued

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

LOCATION.--Lat 34°36'40.5", long 77°28'58.9", 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 station.

DATUM.--Land-surface datum is 68 ft above NGVD of 1929, (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 September 2005 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.37 ft below land-surface datum, Jan. 22, 1995; lowest water level recorded, 12.44 ft below land-surface datum, Aug. 25, 26, 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	7.47	8.77	8.42	8.18	8.11	7.98	7.86	8.42	8.69	8.05	8.33	9.35
2	7.46	8.82	8.44	8.20	8.12	7.99	7.74	8.47	8.52	8.06	8.14	9.42
3	7.50	8.85	8.45	8.22	8.11	8.00	7.69	8.55	8.26	7.92	8.13	9.44
4	7.56	8.88	8.49	8.24	8.06	8.02	7.72	8.61	8.10	7.83	8.15	9.51
5	7.63	8.92	8.54	8.27	8.08	8.03	7.77	8.64	7.91	7.83	8.21	9.59
6	7.71	8.97	8.57	8.30	8.11	8.06	7.83	8.26	7.87	7.87	8.28	9.65
7	7.77	9.01	8.59	8.35	8.14	8.09	7.85	7.91	7.89	7.94	8.36	9.71
8	7.82	9.06	8.62	8.38	8.16	8.11	7.64	7.84	7.95	8.02	8.42	9.76
9	7.86	9.14	8.64	8.41	8.19	8.16	7.59	7.84	8.01	8.11	8.43	9.82
10	7.91	9.18	8.51	8.43	8.20	8.18	7.64	7.87	8.08	8.18	8.40	9.87
11	7.99	9.19	8.38	8.47	8.25	8.20	7.69	7.92	8.16	8.25	8.45	9.92
12	8.04	9.18	8.35	8.51	8.29	8.26	7.72	7.98	8.23	8.31	8.53	9.96
13	8.06	8.98	8.35	8.54	8.34	8.31	7.74	7.97	8.30	8.35	8.60	9.84
14	8.10	8.86	8.38	8.47	8.36	8.34	7.71	7.97	8.36	8.26	8.68	9.38
15	8.13	8.79	8.41	8.26	8.37	8.39	7.67	8.01	8.45	8.12	8.76	8.41
16	8.10	8.76	8.44	8.15	8.39	8.37	7.72	8.07	8.55	8.06	8.84	8.03
17	8.15	8.76	8.45	8.11	8.42	8.21	7.78	8.13	8.64	8.05	8.88	7.88
18	8.20	8.78	8.46	8.12	8.47	8.14	7.83	8.21	8.63	8.04	8.95	7.83
19	8.23	8.81	8.47	8.10	8.51	8.15	7.89	8.28	8.70	8.09	9.02	7.82
20	8.25	8.85	8.52	8.09	8.53	8.12	7.94	8.29	8.80	8.17	9.10	7.82
21	8.30	8.89	8.56	8.10	8.54	8.11	8.01	8.10	8.89	8.10	9.17	7.83
22	8.34	8.93	8.58	8.12	8.56	8.13	8.07	8.06	8.97	8.00	9.25	7.86
23	8.39	8.87	8.58	8.13	8.60	8.04	8.10	8.07	9.06	7.91	9.26	7.90
24	8.42	8.73	8.58	8.18	8.51	7.98	8.13	8.13	9.15	7.91	9.00	7.92
25	8.46	8.65	8.58	8.19	8.36	8.00	8.18	8.21	9.19	7.97	8.90	7.67
26	8.50	8.67	8.46	8.21	8.32	8.03	8.23	8.29	8.98	8.04	8.90	7.57
27	8.55	8.67	8.29	8.27	8.30	8.05	8.24	8.38	8.82	8.13	8.95	7.46
28	8.59	8.55	8.21	8.32	8.08	7.94	8.31	8.46	8.66	8.22	9.02	---
29	8.62	8.48	8.16	8.33	---	7.83	8.36	8.56	8.41	8.31	9.10	---
30	8.66	8.44	8.15	8.22	---	7.84	8.39	8.62	8.12	8.37	9.17	---
31	8.71	---	8.16	8.13	---	7.85	---	8.65	---	8.40	9.25	---

WTR YR 2005 MEAN 8.35 HIGH 7.46 LOW 9.96

GROUND-WATER LEVELS
ONSLow COUNTY—Continued

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

