

GROUND-WATER LEVELS

ONslow COUNTY--Continued

343641077290103. County number, ON-227; DENR Dixon Tower Research Station well Y25q3.

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.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, depth 240 ft, diameter 4 in., cased to 150 ft, screened interval from 150 to 240 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 shelter floor, 2.13 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, 32.35 ft below land-surface datum, Feb. 22, 1995; lowest water level recorded, 41.36 ft below land-surface datum, July 24, 25, 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	38.42	38.86	39.02	38.99	38.53	38.35	37.66	37.84	38.90	40.61	41.21	41.00
2	38.46	38.85	39.04	39.02	38.61	38.21	37.71	37.83	38.94	40.61	41.26	40.96
3	38.51	38.83	39.07	38.90	38.55	37.98	37.68	37.91	39.07	40.63	41.32	40.93
4	38.52	38.82	39.07	39.01	38.47	38.06	37.76	37.94	39.19	40.69	41.33	40.89
5	38.52	38.79	39.07	39.02	38.59	38.16	37.74	37.95	39.26	40.76	41.29	40.83
6	38.48	38.83	39.01	38.82	38.54	38.14	37.75	37.98	39.31	40.86	41.25	40.80
7	38.56	38.86	38.96	38.82	38.33	38.09	37.81	37.95	39.43	40.98	41.28	40.78
8	38.65	38.85	38.93	38.92	38.41	38.09	37.78	37.95	39.59	41.05	41.27	40.71
9	38.68	38.88	38.96	38.88	38.47	38.06	37.76	37.97	39.66	41.06	41.27	40.61
10	38.64	38.88	39.02	38.86	38.39	38.02	37.76	38.02	39.73	41.04	41.24	40.48
11	38.60	38.88	38.97	38.85	38.35	38.07	37.76	38.09	39.79	41.03	41.20	40.49
12	38.55	38.98	39.00	38.85	38.38	37.98	37.75	38.08	39.82	41.08	41.18	40.55
13	38.56	38.99	38.94	38.82	38.40	37.82	37.72	38.00	39.88	41.09	41.19	40.55
14	38.54	38.94	38.91	38.86	38.45	37.89	37.68	38.03	39.96	41.05	41.18	40.52
15	38.60	38.90	38.99	38.81	38.39	37.87	37.67	38.16	40.05	41.06	41.20	40.43
16	38.57	38.92	39.04	38.88	38.28	37.85	37.70	38.20	40.22	41.07	41.20	40.31
17	38.63	38.99	38.91	38.81	38.28	37.88	37.70	38.16	40.34	41.09	41.17	40.27
18	38.68	39.03	38.83	38.80	38.38	37.85	37.69	38.13	40.48	41.09	41.13	40.26
19	38.65	39.00	38.91	38.73	38.37	37.86	37.69	38.24	40.56	41.08	41.13	40.23
20	38.65	38.97	38.95	38.78	38.30	37.78	37.64	38.29	40.59	41.13	41.15	40.20
21	38.70	39.04	39.02	38.74	38.24	37.76	37.64	38.34	40.59	41.21	41.22	40.16
22	38.67	39.06	39.07	38.82	38.26	37.84	37.65	38.39	40.56	41.27	41.24	40.10
23	38.66	39.07	38.98	38.75	38.27	37.88	37.78	38.40	40.54	41.31	41.19	40.07
24	38.66	39.04	38.89	38.63	38.31	37.84	37.84	38.41	40.51	41.33	41.18	40.06
25	38.69	39.04	38.95	38.65	38.31	37.84	37.80	38.48	40.52	41.31	41.22	40.02
26	38.74	39.02	38.87	38.68	38.20	37.81	37.89	38.56	40.53	41.24	41.20	39.93
27	38.79	39.03	38.91	38.65	38.19	37.76	37.89	38.63	40.51	41.22	41.24	39.85
28	38.88	39.06	38.90	38.60	38.31	37.81	37.79	38.67	40.51	41.23	41.23	39.83
29	38.90	39.05	38.90	38.60	---	37.78	37.77	38.73	40.55	41.24	41.20	39.85
30	38.86	39.01	38.98	38.61	---	37.75	37.87	38.79	40.59	41.26	41.15	39.83
31	38.87	---	38.97	38.61	---	37.71	---	38.84	---	41.24	41.06	---

WTR YR 2002 MEAN 39.20 HIGH 37.64 LOW 41.33

ONSLOW COUNTY--Continued

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