

GROUND-WATER LEVELS

198

ONslow COUNTY—Continued

344139077211201. County number, ON-255; DENR Hadnot Point Research Station well X24s1.

LOCATION.--Lat 34°41'30", long 77°21'03", 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 90 ft, diameter 4 in., cased to 80 ft, screened interval from 80 to 90 ft.

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

DATUM.--Land-surface datum is 18.63 ft above NGVD of 1929, (levels by DENR). Measuring point: Top of shelter floor 1.32 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, 12.36 ft below land-surface datum, Oct. 8, 1996; lowest water level recorded, 16.37 ft below land-surface datum, July 5, 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	13.61	14.09	14.38	14.62	14.64	14.54	14.41	14.26	14.47	14.57	---	---	
2	13.59	14.10	14.44	14.63	14.64	14.62	14.25	14.29	14.41	14.60	---	---	
3	13.62	14.12	14.46	14.63	14.60	14.66	14.26	14.31	14.45	14.60	---	---	
4	13.61	14.09	14.49	14.63	14.60	14.68	14.30	14.34	14.38	14.61	---	---	
5	13.65	14.14	14.51	14.63	14.63	14.67	14.28	14.35	14.36	14.62	---	---	
6	13.69	14.17	14.52	14.63	14.63	14.71	14.25	14.20	14.45	14.64	---	---	
7	13.71	14.19	14.50	14.66	14.62	14.68	14.21	14.15	14.45	14.68	---	---	
8	13.71	14.23	14.52	14.64	14.60	14.65	14.13	14.13	14.47	14.71	---	---	
9	13.71	14.26	14.50	14.65	14.59	14.73	14.14	14.16	14.49	14.76	---	---	
10	13.71	14.27	14.30	14.63	14.57	14.72	14.14	14.18	14.51	14.79	---	---	
11	13.75	14.24	14.31	14.65	14.65	14.71	14.13	14.22	14.52	14.81	---	---	
12	13.74	14.21	14.38	14.66	14.66	14.73	14.12	14.24	14.52	14.82	---	---	
13	13.68	14.22	14.39	14.65	14.70	14.76	14.11	14.20	14.53	14.81	---	---	
14	13.68	14.26	14.46	14.59	14.71	14.78	14.10	14.18	14.56	14.79	---	---	
15	13.70	14.25	14.50	14.57	14.74	14.79	14.11	14.19	14.59	14.77	---	---	
16	13.77	14.25	14.51	14.52	14.71	14.76	14.13	14.22	14.61	14.79	---	---	
17	13.84	14.28	14.49	14.56	14.74	14.71	14.11	14.25	14.63	14.81	---	---	
18	13.88	14.30	14.48	14.60	14.77	14.71	14.12	14.27	14.59	14.82	---	---	
19	13.88	14.31	14.47	14.55	14.80	14.71	14.14	14.28	14.62	14.85	---	---	
20	13.91	14.33	14.56	14.55	14.79	14.68	14.16	14.27	14.66	14.87	---	---	
21	13.93	14.36	14.57	14.59	14.76	14.71	14.16	14.22	14.67	14.75	---	---	
22	13.92	14.36	14.57	14.56	14.79	14.72	14.17	14.20	14.68	14.70	---	---	
23	13.91	14.33	14.53	14.61	14.80	14.61	14.13	14.21	14.71	14.67	---	---	
24	13.89	14.32	14.58	14.66	14.70	14.64	14.14	14.28	14.73	14.71	---	---	
25	13.88	14.28	14.59	14.62	14.71	14.63	14.19	14.33	14.71	14.73	---	---	
26	13.91	14.39	14.51	14.59	14.72	14.63	14.21	14.35	14.68	14.76	---	---	
27	13.94	14.37	14.53	14.69	14.70	14.61	14.20	14.39	14.71	14.81	---	---	
28	13.98	14.32	14.53	14.72	14.52	14.48	14.25	14.39	14.72	14.86	---	---	
29	13.98	14.39	14.51	14.68	---	14.46	14.26	14.41	14.59	---	---	---	
30	13.99	14.40	14.56	14.58	---	14.48	14.25	14.43	14.54	---	---	---	
31	14.04	---	14.60	14.62	---	14.46	---	14.50	---	---	---	---	
WTR YR	2005	MEAN	14.42	HIGH	13.59	LOW	14.87						

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