

GROUND-WATER LEVELS

ONslow COUNTY--Continued

344203077182001. County number, ON-295; Wallace Creek Well.

LOCATION.--Lat 34°42'03", long 77°18'20", Hydrologic Unit 03030001, at Camp Lejeune, 1.8 mi from the Piney Green gate, on dirt road. Owner: U.S. Geological Survey.

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 253 ft, diameter 2 in., cased to 243 ft, screened interval from 243 to 253 ft.

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

DATUM.--Land-surface datum is 35 ft above sea level (from topographic map). Measuring point: Top of shelter, 2.38 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, 9.07 ft below land-surface datum, Sept. 12, 1996; lowest water level recorded, 19.72 ft below land-surface datum, Aug. 24, 1999.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	12.85	14.73	12.21	12.34	13.47	14.20	14.05	12.80	15.62	14.93	16.28	17.00
2	12.20	15.00	12.67	12.45	13.33	14.14	14.01	12.75	15.34	14.87	16.31	16.95
3	12.09	15.21	13.32	13.11	13.31	14.12	13.79	12.74	14.98	15.19	16.24	16.87
4	11.87	15.11	13.47	13.66	13.30	14.02	13.66	12.74	14.81	15.32	16.13	16.81
5	11.68	15.07	13.45	14.04	13.35	13.74	13.66	12.90	14.72	15.40	16.04	16.79
6	11.69	15.13	13.31	14.29	13.27	13.49	13.64	13.23	14.50	15.45	15.71	16.80
7	11.87	15.11	12.88	14.66	13.63	13.56	13.61	13.47	14.31	15.47	15.44	16.84
8	12.02	14.75	12.79	15.07	14.01	13.40	13.63	13.64	14.39	15.44	15.20	16.65
9	12.07	14.34	12.57	15.43	13.99	13.17	13.64	13.78	14.48	15.41	15.10	16.25
10	12.07	14.45	12.53	15.59	13.96	13.11	13.67	13.88	14.61	15.44	15.08	16.03
11	12.14	14.61	12.77	15.40	14.03	13.10	13.75	13.90	14.65	15.43	15.13	16.06
12	12.75	14.80	12.94	15.25	14.13	13.04	13.80	13.90	14.63	15.48	15.19	16.36
13	13.39	14.66	13.12	15.22	14.21	12.93	13.90	14.15	14.58	15.54	15.18	16.36
14	13.75	14.46	12.88	15.20	14.27	12.96	14.20	14.51	14.73	15.65	15.17	15.94
15	13.81	14.42	12.69	15.18	14.30	12.98	14.36	14.59	15.09	15.69	15.31	15.70
16	13.81	14.23	12.60	15.47	14.06	13.67	14.23	14.40	15.02	15.44	15.43	15.45
17	13.81	13.96	12.43	15.64	13.82	14.29	14.25	14.16	15.09	15.26	15.48	15.26
18	13.80	13.89	12.30	15.70	14.19	14.73	14.33	14.05	15.23	15.25	15.50	15.11
19	13.91	13.79	12.09	15.62	14.40	15.00	14.42	13.75	15.47	15.34	15.52	15.01
20	14.19	13.49	12.03	15.33	14.50	15.02	14.46	13.57	15.49	15.43	15.59	15.02
21	14.37	13.08	12.02	15.23	14.64	14.89	14.50	13.54	15.34	15.75	15.91	15.03
22	14.52	12.90	11.94	14.86	14.71	14.90	14.51	13.54	15.32	15.84	16.11	14.95
23	14.67	12.84	11.98	14.36	14.81	14.96	14.49	13.54	15.07	15.72	16.04	14.74
24	14.71	12.93	11.95	14.10	14.97	14.95	14.45	13.62	14.92	15.39	15.94	14.65
25	14.72	12.89	11.95	13.99	14.94	14.76	14.40	13.80	14.77	15.39	16.07	14.66
26	14.88	12.59	11.99	14.17	14.92	14.54	14.11	14.31	14.99	15.25	16.20	14.76
27	14.96	12.38	11.94	14.01	14.83	14.61	13.61	14.38	15.11	15.48	16.31	14.80
28	14.85	12.25	11.86	13.96	14.29	14.74	13.23	14.34	15.14	15.96	16.37	14.82
29	14.78	12.24	11.94	13.93	---	14.33	13.06	14.61	15.16	16.22	16.47	14.84
30	14.72	12.30	12.06	13.84	---	14.09	12.92	15.07	15.21	16.11	16.64	14.83
31	14.64	---	12.23	13.67	---	14.08	---	15.46	---	16.19	16.86	---

WTR YR 2001 MEAN 14.36 HIGH 11.68 LOW 17.00

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