

GROUND-WATER LEVELS

ONslow COUNTY--Continued

344139077211207. County number, ON-267; DENR Hadnot Point Research Station well X24s7.

LOCATION.--Lat 34°41'39", long 77°21'12", 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.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 40 ft, diameter 4 in., cased to 30 ft, screened interval from 30 to 40 ft.

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

DATUM.--Land-surface datum is 24.06 ft above NGVD of 1929, (levels by DENR). Measuring point: Top of shelter floor, 0.93 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, 14.35 ft below land-surface datum, Oct. 18, 1996; lowest water level recorded, 19.86 ft below land-surface datum, July 7, 8, 9, 10, 12, 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	18.69	18.93	19.16	19.45	19.52	19.67	19.20	19.37	19.65	19.83	19.62	19.36
2	18.70	18.94	19.17	19.46	19.56	19.63	19.20	19.37	19.66	19.83	19.61	19.25
3	18.70	18.95	19.21	19.42	19.56	19.56	19.19	19.39	19.68	19.83	19.59	19.16
4	18.70	18.96	19.22	19.45	19.59	19.60	19.21	19.40	19.69	19.84	19.58	19.08
5	18.70	18.98	19.23	19.45	19.63	19.62	19.23	19.40	19.69	19.84	19.56	18.98
6	18.69	19.01	19.22	19.40	19.63	19.59	19.24	19.42	19.69	19.84	19.54	18.91
7	18.73	19.01	19.22	19.42	19.56	19.55	19.26	19.40	19.69	19.85	19.55	18.86
8	18.76	19.01	19.23	19.46	19.59	19.54	19.25	19.39	19.71	19.85	19.55	18.80
9	18.76	19.02	19.24	19.46	19.60	19.51	19.22	19.40	19.72	19.85	19.55	18.75
10	18.75	19.03	19.27	19.44	19.56	19.51	19.21	19.41	19.74	19.85	19.54	18.70
11	18.75	19.03	19.25	19.44	19.55	19.53	19.22	19.43	19.74	19.84	19.54	18.70
12	18.75	19.06	19.25	19.45	19.58	19.49	19.21	19.44	19.74	19.85	19.53	18.71
13	18.76	19.07	19.25	19.45	19.58	19.44	19.21	19.43	19.74	19.84	19.52	18.71
14	18.75	19.07	19.25	19.47	19.60	19.46	19.21	19.47	19.75	19.82	19.52	18.69
15	18.78	19.06	19.27	19.46	19.59	19.44	19.22	19.52	19.75	19.80	19.51	18.68
16	18.77	19.07	19.31	19.49	19.56	19.42	19.22	19.53	19.77	19.79	19.51	18.65
17	18.82	19.10	19.29	19.48	19.59	19.41	19.23	19.52	19.78	19.78	19.51	18.65
18	18.83	19.10	19.27	19.47	19.63	19.39	19.24	19.52	19.78	19.77	19.51	18.66
19	18.82	19.10	19.32	19.47	19.62	19.38	19.25	19.56	19.78	19.76	19.51	18.66
20	18.82	19.09	19.34	19.50	19.60	19.35	19.25	19.59	19.79	19.77	19.52	18.67
21	18.83	19.14	19.37	19.50	19.59	19.33	19.25	19.60	19.79	19.77	19.53	18.67
22	18.83	19.16	19.38	19.51	19.60	19.33	19.26	19.62	19.80	19.77	19.54	18.66
23	18.84	19.14	19.35	19.50	19.61	19.33	19.30	19.62	19.80	19.77	19.54	18.66
24	18.84	19.12	19.32	19.48	19.63	19.30	19.32	19.62	19.81	19.76	19.55	18.66
25	18.85	19.12	19.38	19.51	19.63	19.28	19.31	19.63	19.81	19.75	19.57	18.66
26	18.91	19.13	19.38	19.53	19.61	19.25	19.34	19.63	19.81	19.73	19.57	18.64
27	18.94	19.14	19.39	19.52	19.62	19.23	19.34	19.65	19.81	19.71	19.56	18.63
28	18.96	19.15	19.39	19.51	19.66	19.24	19.32	19.65	19.82	19.68	19.55	18.64
29	18.96	19.16	19.38	19.52	---	19.24	19.33	19.64	19.82	19.67	19.54	18.67
30	18.95	19.15	19.43	19.52	---	19.22	19.38	19.64	19.82	19.66	19.48	18.66
31	18.94	---	19.43	19.52	---	19.20	---	19.65	---	19.64	19.40	---

WTR YR 2002 MEAN 19.36 HIGH 18.63 LOW 19.85

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