

## GROUND-WATER LEVELS

ONslow COUNTY--Continued

344037077253901. County number, ON-291; Ragged Point Well.

LOCATION.--Lat 34°40'37", long 77°25'39", Hydrologic Unit 03030001, 2.05 mi east of Verona, on Town Point Road, 0.9 mi north on TLZ Eagle road. Owner: U.S. Geological Survey.

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 180 ft, diameter 2 in., cased to 170 ft, screened interval from 170 to 180 ft.

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

DATUM.--Land-surface datum is 25 ft above NGVD of 1929 (from topographic map). Measuring point: Top of shelter floor, 2.87 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, 14.53 ft below land-surface datum, July 23, 2000; lowest water level recorded, 20.18 ft below land-surface datum, Aug. 21, 1998.

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	17.14	17.11	16.75	16.74	16.94	16.90	15.58	15.87	16.44	17.74	18.41	18.48
2	17.05	17.07	16.73	16.82	16.89	16.83	15.61	15.87	16.45	17.75	18.44	18.41
3	17.03	17.03	16.77	16.67	16.88	16.48	15.60	15.98	16.50	17.74	18.48	18.36
4	17.02	17.01	16.79	16.80	16.77	16.52	15.64	16.08	16.58	17.78	18.48	18.33
5	17.01	17.00	16.83	16.88	16.98	16.73	15.68	16.04	16.67	17.81	18.48	18.28
6	16.98	16.99	16.83	16.70	17.00	16.76	15.69	16.07	16.69	17.81	18.49	18.27
7	16.97	17.01	16.80	16.73	16.75	16.76	15.72	16.07	16.74	17.82	18.49	18.26
8	17.05	17.03	16.75	16.96	16.73	16.75	15.72	16.07	16.83	17.88	18.50	18.25
9	17.07	17.04	16.72	17.00	16.80	16.73	15.70	16.07	16.84	17.96	18.51	18.15
10	17.06	17.06	16.79	16.98	16.82	16.66	15.69	16.14	16.85	17.99	18.54	18.00
11	17.06	17.02	16.72	16.98	16.75	16.66	15.71	16.30	16.90	18.01	18.55	17.94
12	17.03	17.06	16.76	17.06	16.85	16.52	15.71	16.33	16.97	18.05	18.54	17.97
13	17.01	17.07	16.72	16.98	16.84	16.25	15.68	16.20	17.00	18.02	18.54	18.06
14	16.87	17.04	16.64	17.07	16.91	16.20	15.63	16.21	17.02	18.00	18.58	18.11
15	16.81	16.97	16.68	17.03	16.93	16.22	15.60	16.38	17.01	17.99	18.57	18.12
16	16.82	16.93	16.78	17.11	16.85	16.22	15.61	16.43	17.02	18.00	18.55	18.10
17	16.86	16.94	16.63	17.12	16.76	16.21	15.61	16.44	17.06	18.03	18.59	18.03
18	16.98	16.98	16.42	17.07	16.87	16.21	15.61	16.40	17.17	18.06	18.60	18.02
19	16.98	16.94	16.52	17.02	16.92	16.21	15.61	16.41	17.31	18.07	18.56	17.95
20	16.96	16.84	16.53	17.01	16.81	16.04	15.61	16.42	17.40	18.14	18.57	17.90
21	16.96	16.88	16.69	17.03	16.70	15.95	15.61	16.43	17.45	18.22	18.62	17.81
22	16.97	16.92	16.76	17.11	16.69	15.97	15.60	16.43	17.46	18.31	18.65	17.77
23	16.95	16.91	16.65	17.14	16.68	15.99	15.70	16.43	17.45	18.33	18.60	17.74
24	16.92	16.89	16.45	17.09	16.70	15.99	15.80	16.39	17.45	18.33	18.57	17.73
25	16.90	16.87	16.53	17.06	16.71	15.98	15.81	16.38	17.49	18.38	18.56	17.72
26	16.94	16.85	16.44	17.09	16.61	15.96	15.88	16.39	17.56	18.40	18.54	17.66
27	17.05	16.84	16.47	17.09	16.55	15.87	15.91	16.38	17.59	18.41	18.50	17.53
28	17.15	16.84	16.48	17.08	16.77	15.87	15.83	16.36	17.65	18.41	18.51	17.45
29	17.18	16.84	16.50	17.08	---	15.83	15.75	16.35	17.73	18.41	18.51	17.49
30	17.17	16.81	16.66	17.07	---	15.72	15.86	16.36	17.74	18.41	18.51	17.42
31	17.15	---	16.71	17.05	---	15.67	---	16.41	---	18.40	18.49	---

WTR YR 2002 MEAN 17.03 HIGH 15.58 LOW 18.65

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