

GROUND-WATER LEVELS

ONSLOW COUNTY--Continued

344304077232901. County number, ON-292; Paradise Point Well.

LOCATION.--Lat 34°43'04", long 77°23'29", Hydrologic Unit 03030001, north of Camp Lejeune golf course driving range. Owner: U.S. Geological Survey.

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 232 ft, diameter 2 in., cased to 222 ft, screened interval from 222 to 232 ft.

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

DATUM.--Land-surface datum is 15 ft above sea level (from topographic map). Measuring point: Top of shelter floor, 2.47 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. Prior to October 1997, published as ON-290, Paradise Point Well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.68 ft below land-surface datum, Apr. 28, 2000; lowest water level recorded, 13.80 ft below land-surface datum, Aug. 20, 1998.

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	7.24	6.09	6.75	7.48	7.43	6.50	6.14	6.08	6.57	7.89	8.63	9.05
2	7.16	6.11	6.76	7.61	7.33	6.49	6.31	6.06	6.52	8.01	8.60	9.03
3	7.15	6.12	6.72	7.63	7.41	6.52	6.20	6.08	6.65	8.04	8.56	8.95
4	7.17	6.08	6.71	7.50	7.24	6.33	6.21	6.06	6.76	8.06	8.52	8.90
5	7.11	6.06	6.67	7.39	7.11	6.30	6.16	6.03	6.82	8.07	8.59	8.90
6	7.03	6.09	6.79	7.49	7.17	6.49	6.06	6.12	6.91	8.14	8.62	8.91
7	7.11	6.12	6.82	7.53	7.21	6.49	6.06	6.11	6.98	8.21	8.63	8.83
8	7.10	6.10	6.90	7.47	7.27	6.39	6.02	6.03	7.03	8.14	8.65	8.79
9	7.09	5.97	7.01	7.56	7.19	6.34	5.93	6.03	7.07	8.10	8.71	8.59
10	7.02	5.93	6.91	7.67	7.09	6.49	5.94	6.06	7.11	8.06	8.80	8.66
11	7.03	6.07	6.86	7.64	7.25	6.53	5.97	6.08	7.16	8.09	8.90	8.73
12	7.03	6.01	6.89	7.62	7.14	6.57	6.02	6.08	7.20	8.24	9.03	8.68
13	6.96	5.98	7.06	7.63	7.08	6.39	6.08	6.15	7.19	8.30	9.07	8.59
14	6.85	5.93	6.89	7.53	7.03	6.61	6.10	6.17	7.17	8.38	9.06	8.55
15	6.76	6.09	7.07	7.49	6.96	6.50	5.99	6.12	7.34	8.43	9.11	8.53
16	6.67	6.12	6.87	7.50	6.93	6.47	6.05	6.06	7.43	8.49	9.08	8.36
17	6.60	6.12	6.66	7.48	6.89	6.47	6.04	6.03	7.52	8.52	9.09	8.29
18	6.51	6.31	6.92	7.38	7.01	6.60	6.25	6.03	7.57	8.53	9.09	8.29
19	6.52	6.26	6.76	7.22	6.93	6.53	6.28	6.05	7.59	8.54	9.07	8.29
20	6.54	6.28	6.94	7.16	6.89	6.21	6.28	6.13	7.59	8.53	9.10	8.23
21	6.52	6.47	6.96	7.47	6.87	5.77	6.31	6.17	7.58	8.43	9.15	8.21
22	6.52	6.63	6.98	7.43	6.76	6.17	6.32	6.20	7.56	8.37	9.18	8.21
23	6.52	6.67	7.21	7.28	6.75	6.28	6.25	6.29	7.57	8.35	9.18	8.21
24	6.39	6.75	7.09	7.18	6.81	6.26	6.17	6.38	7.57	8.42	9.20	8.12
25	6.28	6.55	7.26	7.31	6.67	6.29	6.20	6.49	7.60	8.55	9.24	8.18
26	6.21	6.34	7.25	7.42	6.72	6.26	6.15	6.51	7.68	8.64	9.15	8.31
27	6.11	6.52	7.15	7.36	6.71	6.42	6.04	6.56	7.77	8.72	9.09	8.22
28	6.07	6.64	7.12	7.52	6.54	6.41	6.06	6.63	7.79	8.70	9.11	8.18
29	6.13	6.67	7.07	7.48	---	6.17	6.15	6.62	7.80	8.59	9.19	8.19
30	6.09	6.74	7.07	7.26	---	6.10	6.12	6.63	7.83	8.61	9.13	8.07
31	6.10	---	7.37	7.31	---	6.19	---	6.67	---	8.62	9.06	---

WTR YR 2001 MEAN 7.19 HIGH 5.77 LOW 9.24

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