

GROUND-WATER LEVELS

ONslow COUNTY--Continued

344425077272501. Local number, NC-52; County number, ON-035.

LOCATION.--Lat 34°44'18", long 77°27'29", Hydrologic Unit 03030001, southwest of Jacksonville, 0.25 mi east of U.S. Highway 17 at U.S. Marine Corps Camp Geiger, and 2 mi south of U.S. Highway 258. Owner: U.S. Marine Corps.

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled abandoned supply well, depth 70 ft, diameter 18 in. to 23 ft, open hole from 23 to 70 ft; measured depth 68 ft, January 1974.

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

DATUM.--Land-surface datum is 17 ft above NGVD of 1929 (from topographic map). Measuring point: Top of instrument shelf, 1.83 ft above land-surface datum (since April 1993).

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--January 1963 to current year. Continuous record began December 1966.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.19 ft below land-surface datum, Sept. 16, 1999; lowest water level recorded, 10.44 ft below land-surface datum, Jan. 3, 1966.

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	5.55	6.74	7.39	7.59	6.02	6.03	5.03	6.18	6.97	7.30	5.94	4.44
2	5.63	6.77	7.42	7.59	6.15	5.91	4.87	6.21	7.00	7.32	5.84	4.42
3	5.68	6.79	7.45	7.51	6.09	5.25	4.86	6.33	7.09	7.35	5.89	4.41
4	5.73	6.82	7.47	7.68	6.13	4.98	5.02	6.29	7.12	7.42	5.93	4.52
5	5.77	6.85	7.48	7.62	6.29	5.02	5.06	6.09	7.12	7.47	5.97	4.67
6	5.79	6.92	7.46	7.41	6.26	5.01	5.18	6.03	7.12	7.53	6.03	4.83
7	5.79	6.94	7.48	7.24	6.05	5.05	5.30	6.00	7.19	7.57	6.15	4.97
8	5.83	6.95	7.50	7.18	5.62	5.13	5.34	6.05	7.23	7.58	6.23	5.06
9	5.86	7.01	7.58	7.06	5.38	5.16	5.39	6.11	7.22	7.57	6.31	5.11
10	5.88	7.00	7.58	7.03	5.26	5.20	5.46	6.20	7.25	7.56	6.38	5.16
11	5.90	7.06	7.55	7.03	5.26	5.29	5.51	6.27	7.28	7.39	6.44	5.28
12	5.94	7.14	7.53	7.00	5.25	5.28	5.55	6.26	7.29	7.32	6.51	5.43
13	6.00	7.13	7.47	7.03	5.33	5.00	5.58	6.23	7.32	7.32	6.59	5.50
14	6.00	7.12	7.48	7.01	5.42	4.61	5.61	6.36	7.34	7.27	6.65	5.55
15	6.12	7.14	7.58	6.96	5.40	4.53	5.68	6.45	7.29	7.10	6.72	5.36
16	6.09	7.20	7.57	6.96	5.40	4.57	5.75	6.45	7.32	7.06	6.75	5.22
17	6.21	7.27	7.43	6.86	5.50	4.70	5.78	6.43	7.36	7.09	6.76	5.01
18	6.24	7.27	7.33	6.88	5.63	4.73	5.82	6.49	7.40	7.11	6.80	5.00
19	6.24	7.25	7.26	6.79	5.64	4.83	5.86	6.57	7.39	7.14	6.84	5.07
20	6.29	7.28	7.29	6.90	5.62	4.81	5.71	6.61	7.38	7.21	6.85	5.17
21	6.35	7.36	7.31	6.81	5.64	4.85	5.69	6.65	7.39	7.25	6.78	5.26
22	6.34	7.37	7.33	6.85	5.65	4.94	5.74	6.69	7.39	7.23	6.75	5.34
23	6.37	7.39	7.24	6.68	5.68	4.99	5.89	6.69	7.41	7.02	6.75	5.33
24	6.43	7.37	7.26	6.29	5.75	5.04	5.93	6.72	7.44	7.01	6.80	4.48
25	6.48	7.32	7.35	6.18	5.77	5.12	5.92	6.78	7.48	6.99	6.88	4.25
26	6.53	7.33	7.32	6.05	5.72	5.15	6.05	6.83	7.49	6.93	6.91	4.27
27	6.60	7.33	7.42	6.01	5.83	5.17	6.06	6.86	7.49	6.89	6.87	4.35
28	6.66	7.35	7.42	5.98	5.96	5.22	6.00	6.88	7.49	6.89	6.76	4.45
29	6.66	7.36	7.47	6.00	---	5.24	6.09	6.89	7.34	6.91	6.44	4.55
30	6.68	7.35	7.57	6.03	---	5.28	6.19	6.91	7.31	6.94	5.99	4.67
31	6.71	---	7.54	6.05	---	5.28	---	6.94	---	6.85	4.99	---

WTR YR 2002 MEAN 6.36 HIGH 4.25 LOW 7.68

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