

Water-Data Report 2011

**344425077272501 Local number ON-035 (NC-52), AT CAMP GEIGER, NC (CASTLE HAYNE)**

Northern Atlantic Coastal Plain aquifer system  
Castle Hayne Limestone

Onslow County, NC

LOCATION.--Lat 34°44'18", long 77°27'27" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, 0.25 mi east of U.S. Highway 17 and 2 mi south of U.S. Highway 258, at USMC Camp Geiger, southwest of Jacksonville, NC. Owner: U.S. Marine Corps.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled unused supply well, depth 68 ft, diameter 18 in. to 23 ft, open hole from 23 to 68 ft;

DATUM.--Land-surface datum is 18.26 ft above North American Vertical Datum of 1988. Measuring point: floor of instrument shelter, 2.69 ft above land-surface datum, February 1, 2008 to present.

PERIOD OF RECORD.--January 1963 to June 2005, January 2008 to February 2011 (discontinued).

GAGE.--Water-level recorder collecting data at 60-minute intervals. Satellite telemetry at site.

REMARKS.--Well is part of U.S. Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project. Well redeveloped in August 2009.

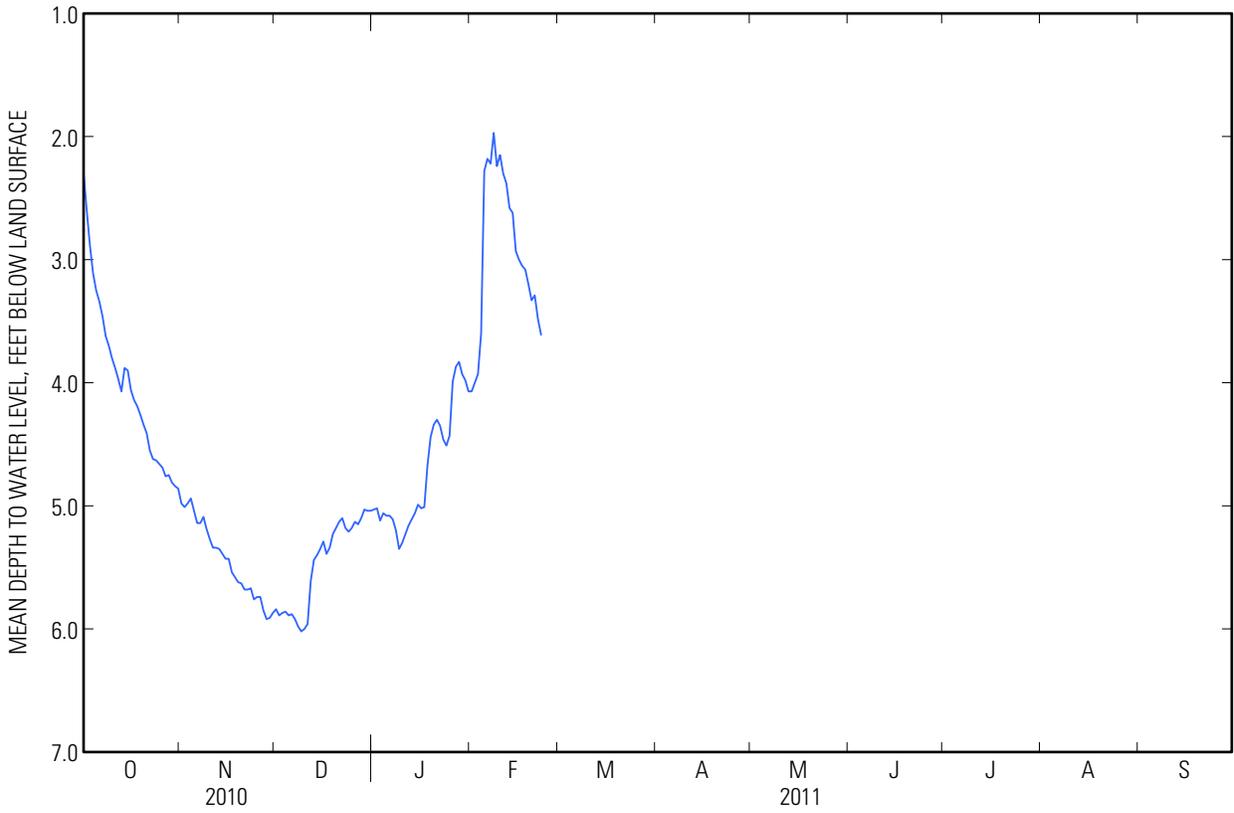
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.19 ft below land-surface datum, September 16, 1999; lowest water level recorded, 10.44 ft below land-surface datum, January 3, 1966.

344425077272501 Local number ON-035 (NC-52), AT CAMP GEIGER, NC (CASTLE HAYNE)—Continued

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	2.30	4.98	5.84	5.03	4.07	---	---	---	---	---	---	---
2	2.60	5.01	5.89	5.02	4.00	---	---	---	---	---	---	---
3	2.88	4.98	5.87	5.12	3.93	---	---	---	---	---	---	---
4	3.11	4.94	5.86	5.06	3.60	---	---	---	---	---	---	---
5	3.25	5.04	5.89	5.08	2.28	---	---	---	---	---	---	---
6	3.34	5.14	5.88	5.08	2.18	---	---	---	---	---	---	---
7	3.46	5.14	5.92	5.11	2.22	---	---	---	---	---	---	---
8	3.62	5.09	5.98	5.20	1.97	---	---	---	---	---	---	---
9	3.70	5.19	6.02	5.35	2.24	---	---	---	---	---	---	---
10	3.80	5.27	6.00	5.30	2.15	---	---	---	---	---	---	---
11	3.88	5.34	5.96	5.23	2.30	---	---	---	---	---	---	---
12	3.97	5.34	5.61	5.16	2.38	---	---	---	---	---	---	---
13	4.07	5.35	5.44	5.11	2.58	---	---	---	---	---	---	---
14	3.88	5.39	5.40	5.06	2.62	---	---	---	---	---	---	---
15	3.90	5.43	5.35	4.99	2.93	---	---	---	---	---	---	---
16	4.06	5.43	5.29	5.02	3.00	---	---	---	---	---	---	---
17	4.14	5.54	5.39	5.01	3.05	---	---	---	---	---	---	---
18	4.19	5.58	5.34	4.67	3.08	---	---	---	---	---	---	---
19	4.26	5.62	5.23	4.44	3.20	---	---	---	---	---	---	---
20	4.34	5.63	5.18	4.34	3.33	---	---	---	---	---	---	---
21	4.41	5.68	5.13	4.30	3.29	---	---	---	---	---	---	---
22	4.55	5.68	5.10	4.35	3.48	---	---	---	---	---	---	---
23	4.62	5.67	5.18	4.46	3.61	---	---	---	---	---	---	---
24	4.63	5.76	5.21	4.51	---	---	---	---	---	---	---	---
25	4.66	5.74	5.18	4.43	---	---	---	---	---	---	---	---
26	4.69	5.74	5.13	3.99	---	---	---	---	---	---	---	---
27	4.76	5.85	5.15	3.87	---	---	---	---	---	---	---	---
28	4.75	5.92	5.10	3.83	---	---	---	---	---	---	---	---
29	4.81	5.91	5.03	3.93	---	---	---	---	---	---	---	---
30	4.84	5.87	5.04	3.98	---	---	---	---	---	---	---	---
31	4.86	---	5.04	4.07	---	---	---	---	---	---	---	---
<b>Mean</b>	4.01	5.44	5.47	4.71	---	---	---	---	---	---	---	---
<b>Max</b>	4.86	5.92	6.02	5.35	---	---	---	---	---	---	---	---
<b>Min</b>	2.30	4.94	5.03	3.83	---	---	---	---	---	---	---	---

344425077272501 Local number ON-035 (NC-52), AT CAMP GEIGER, NC (CASTLE HAYNE)—Continued



344425077272501 Local number ON-035 (NC-52), AT CAMP GEIGER, NC (CASTLE HAYNE)—Continued

