

Water-Data Report 2011

**344139077211206 Local number ON-266, NCDENR HADNOT POINT RESEARCH STATION X24s6, CAMP LEJEUNE, NC (CASTLE HAYNE)**

Castle Hayne aquifer  
Castle Hayne Limestone

Onslow County, NC

LOCATION.--Lat 34°41'35", long 77°21'06" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, 1.6 mi south of intersection of Brewster Boulevard and Stone Street Extension, at Camp Lejeune. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 130 ft, diameter 6 in., cased to 120 ft, screened interval from 120 ft to 130 ft.

DATUM.--Land-surface datum is 24.32 ft above North American Vertical Datum 1988. Measuring point: top of steel casing, 1.86 ft above land-surface datum, November 1, 2007 to present.

PERIOD OF RECORD.--June 1987 to July 2005, November 2007 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, 14.09 ft below land-surface datum, October 18, 1996; lowest water level measured, 19.98 ft below land-surface datum, February 2, 2009.

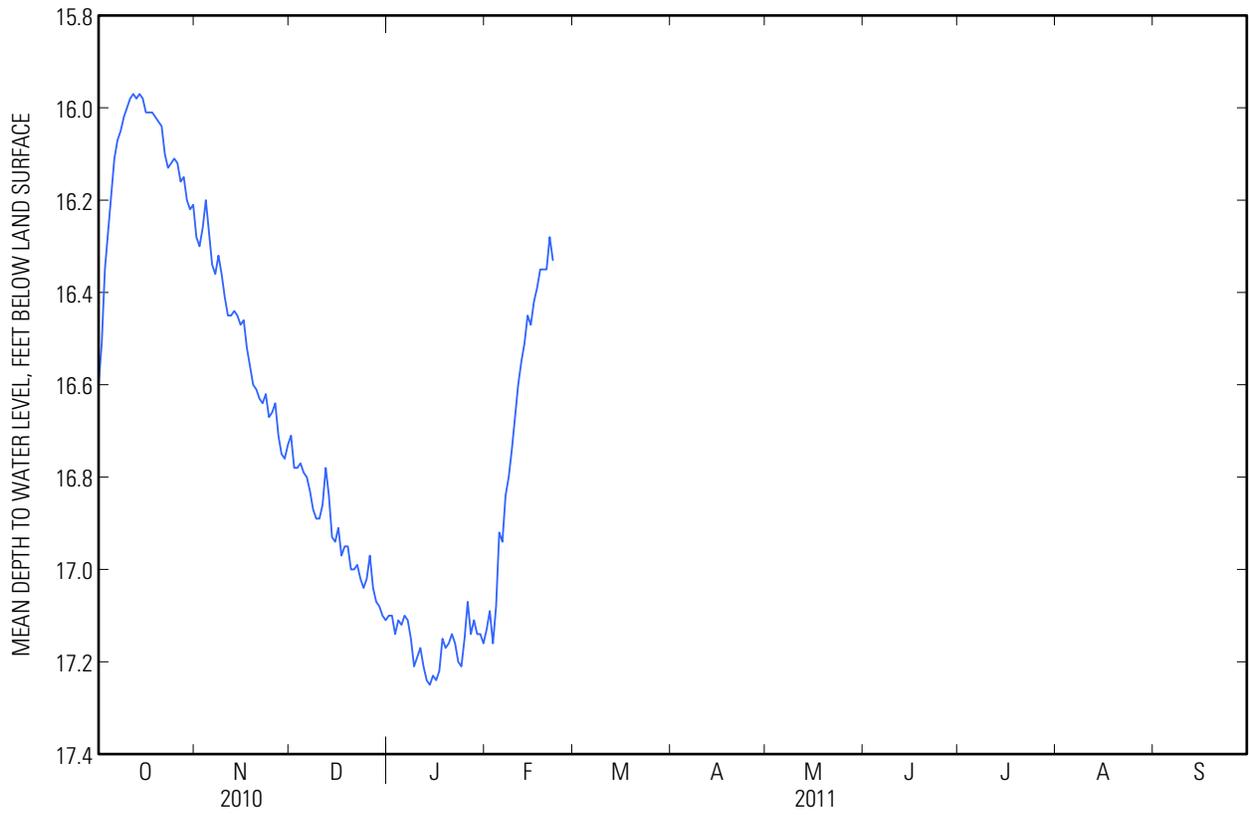
REVISIONS.--Lowest water level published in water years 2009 and 2010 was based on available data.

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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	16.60	16.28	16.71	17.10	17.13	---	---	---	---	---	---	---
2	16.51	16.30	16.78	17.10	17.09	---	---	---	---	---	---	---
3	16.35	16.26	16.78	17.14	17.16	---	---	---	---	---	---	---
4	16.27	16.20	16.77	17.11	17.08	---	---	---	---	---	---	---
5	16.19	16.27	16.79	17.12	16.92	---	---	---	---	---	---	---
6	16.11	16.34	16.80	17.10	16.94	---	---	---	---	---	---	---
7	16.07	16.36	16.83	17.11	16.84	---	---	---	---	---	---	---
8	16.05	16.32	16.87	17.15	16.80	---	---	---	---	---	---	---
9	16.02	16.36	16.89	17.21	16.74	---	---	---	---	---	---	---
10	16.00	16.41	16.89	17.19	16.67	---	---	---	---	---	---	---
11	15.98	16.45	16.86	17.17	16.60	---	---	---	---	---	---	---
12	15.97	16.45	16.78	17.21	16.55	---	---	---	---	---	---	---
13	15.98	16.44	16.84	17.24	16.51	---	---	---	---	---	---	---
14	15.97	16.45	16.93	17.25	16.45	---	---	---	---	---	---	---
15	15.98	16.47	16.94	17.23	16.47	---	---	---	---	---	---	---
16	16.01	16.46	16.91	17.24	16.42	---	---	---	---	---	---	---
17	16.01	16.52	16.97	17.22	16.39	---	---	---	---	---	---	---
18	16.01	16.56	16.95	17.15	16.35	---	---	---	---	---	---	---
19	16.02	16.60	16.95	17.17	16.35	---	---	---	---	---	---	---
20	16.03	16.61	17.00	17.16	16.35	---	---	---	---	---	---	---
21	16.04	16.63	17.00	17.14	16.28	---	---	---	---	---	---	---
22	16.10	16.64	16.99	17.16	16.33	---	---	---	---	---	---	---
23	16.13	16.62	17.02	17.20	---	---	---	---	---	---	---	---
24	16.12	16.67	17.04	17.21	---	---	---	---	---	---	---	---
25	16.11	16.66	17.02	17.15	---	---	---	---	---	---	---	---
26	16.12	16.64	16.97	17.07	---	---	---	---	---	---	---	---
27	16.16	16.71	17.04	17.14	---	---	---	---	---	---	---	---
28	16.15	16.75	17.07	17.11	---	---	---	---	---	---	---	---
29	16.20	16.76	17.08	17.14	---	---	---	---	---	---	---	---
30	16.22	16.73	17.10	17.14	---	---	---	---	---	---	---	---
31	16.21	---	17.11	17.16	---	---	---	---	---	---	---	---
<b>Mean</b>	16.12	16.50	16.93	17.16	---	---	---	---	---	---	---	---
<b>Max</b>	16.60	16.76	17.11	17.25	---	---	---	---	---	---	---	---
<b>Min</b>	15.97	16.20	16.71	17.07	---	---	---	---	---	---	---	---

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