

Water-Data Report 2011

**344417077243302 Local number ON-357, MONTFORD POINT 2 AT JACKSONVILLE, NC (LOWER CASTLE HAYNE)**

Northern Atlantic Coastal Plain aquifer system  
Castle Hayne Limestone

Onslow County, NC

LOCATION.--Lat 34°44'17.0", long 77°24'32.9" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, approximately 0.43 miles southeast of U.S. Highway 17, and 0.11 mile west of Montford Landing Road, at Jacksonville, NC.

**GROUNDWATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, diameter 4 in., cased to 200 ft, screened interval from 200 to 230 ft.

DATUM.--Land-surface datum is 20.54 ft above North American Vertical Datum of 1988. Measuring point: top of PVC well casing, 2.53 ft above land surface datum, February 1, 2008 to present.

PERIOD OF RECORD.--January 2008 to January 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.

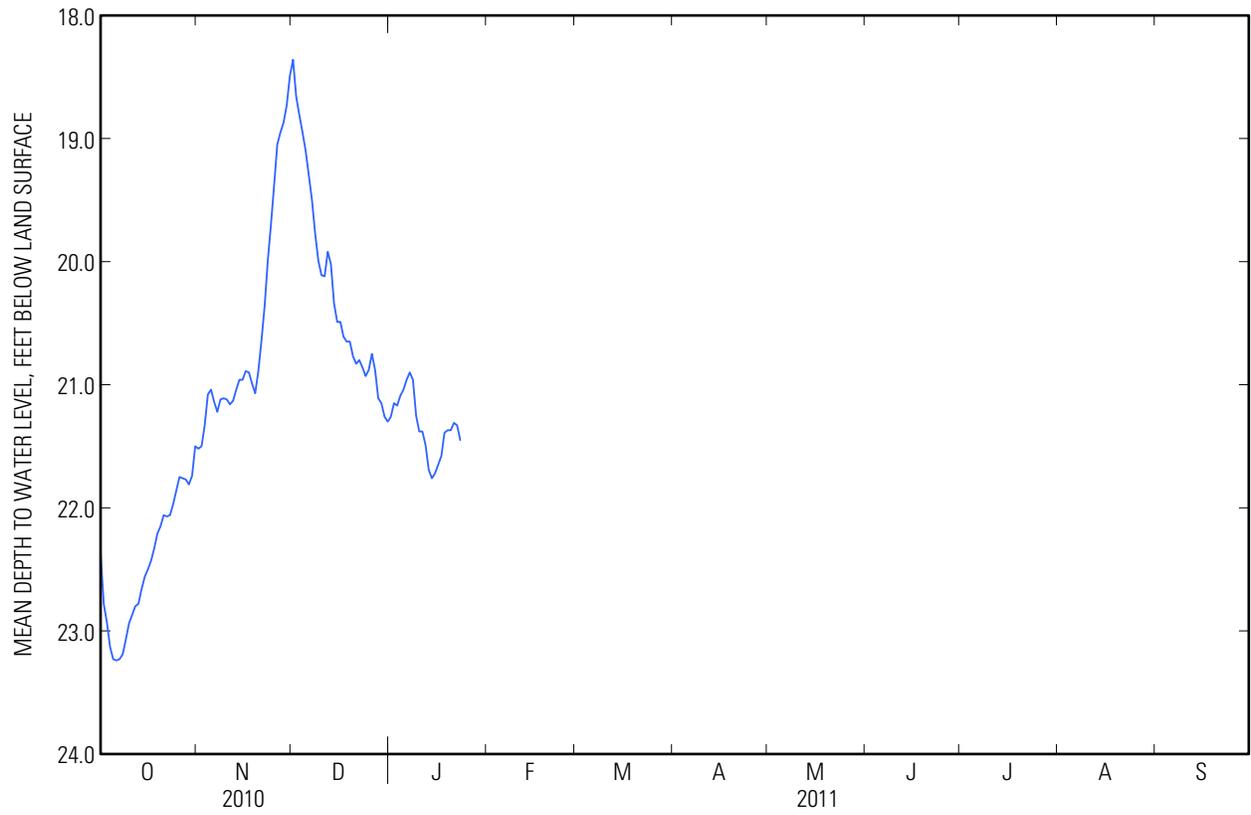
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 11.30 ft below land-surface datum, December 9, 2009; lowest water level recorded, 23.28 ft below land-surface datum, October 7, 2010.

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**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	22.37	21.52	18.36	21.26	---	---	---	---	---	---	---	---
2	22.78	21.50	18.66	21.15	---	---	---	---	---	---	---	---
3	22.93	21.33	18.81	21.17	---	---	---	---	---	---	---	---
4	23.13	21.08	18.95	21.09	---	---	---	---	---	---	---	---
5	23.23	21.04	19.10	21.04	---	---	---	---	---	---	---	---
6	23.24	21.14	19.30	20.96	---	---	---	---	---	---	---	---
7	23.23	21.22	19.50	20.90	---	---	---	---	---	---	---	---
8	23.19	21.12	19.77	20.96	---	---	---	---	---	---	---	---
9	23.07	21.11	19.99	21.25	---	---	---	---	---	---	---	---
10	22.94	21.12	20.11	21.38	---	---	---	---	---	---	---	---
11	22.87	21.16	20.12	21.38	---	---	---	---	---	---	---	---
12	22.80	21.13	19.92	21.49	---	---	---	---	---	---	---	---
13	22.78	21.04	20.02	21.69	---	---	---	---	---	---	---	---
14	22.66	20.96	20.34	21.76	---	---	---	---	---	---	---	---
15	22.56	20.96	20.49	21.72	---	---	---	---	---	---	---	---
16	22.50	20.89	20.49	21.65	---	---	---	---	---	---	---	---
17	22.43	20.90	20.61	21.58	---	---	---	---	---	---	---	---
18	22.33	20.99	20.65	21.39	---	---	---	---	---	---	---	---
19	22.21	21.07	20.65	21.37	---	---	---	---	---	---	---	---
20	22.15	20.89	20.77	21.37	---	---	---	---	---	---	---	---
21	22.06	20.64	20.83	21.31	---	---	---	---	---	---	---	---
22	22.07	20.36	20.80	21.33	---	---	---	---	---	---	---	---
23	22.06	19.99	20.86	21.45	---	---	---	---	---	---	---	---
24	21.97	19.70	20.93	---	---	---	---	---	---	---	---	---
25	21.86	19.38	20.88	---	---	---	---	---	---	---	---	---
26	21.75	19.05	20.75	---	---	---	---	---	---	---	---	---
27	21.76	18.95	20.88	---	---	---	---	---	---	---	---	---
28	21.77	18.87	21.11	---	---	---	---	---	---	---	---	---
29	21.81	18.73	21.15	---	---	---	---	---	---	---	---	---
30	21.74	18.49	21.26	---	---	---	---	---	---	---	---	---
31	21.50	---	21.30	---	---	---	---	---	---	---	---	---
<b>Mean</b>	22.44	20.54	20.24	---	---	---	---	---	---	---	---	---
<b>Max</b>	23.24	21.52	21.30	---	---	---	---	---	---	---	---	---
<b>Min</b>	21.50	18.49	18.36	---	---	---	---	---	---	---	---	---

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