

Water-Data Report 2011

344037077253901 Local number ON-291, NEAR RAGGED POINT, AT CAMP LEJEUNE, NC (CASTLE HAYNE)

Northern Atlantic Coastal Plain aquifer system
Castle Hayne Limestone

Onslow County, NC

LOCATION.--Lat 34°40'35", long 77°25'39" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, 30 ft north of Ragged Point Road, 0.9 mi northwest of Verona Loop Road, at U.S. Marine Corps base Camp Lejeune.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 180 ft, diameter 2 in., cased to 170 ft, screened interval from 170 ft to 180 ft.

DATUM.--Land-surface datum is 25.95 ft above North American Vertical Datum of 1988. Measuring point: top of 6-inch steel casing, 2.54 ft above land-surface datum, December 1, 2007 to present.

PERIOD OF RECORD.--May 1988 to October 2005, December 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 measured, 12.88 ft below land-surface datum, May 26, 1988; lowest water level recorded, 20.77 ft below land-surface datum, October 17, 2010.

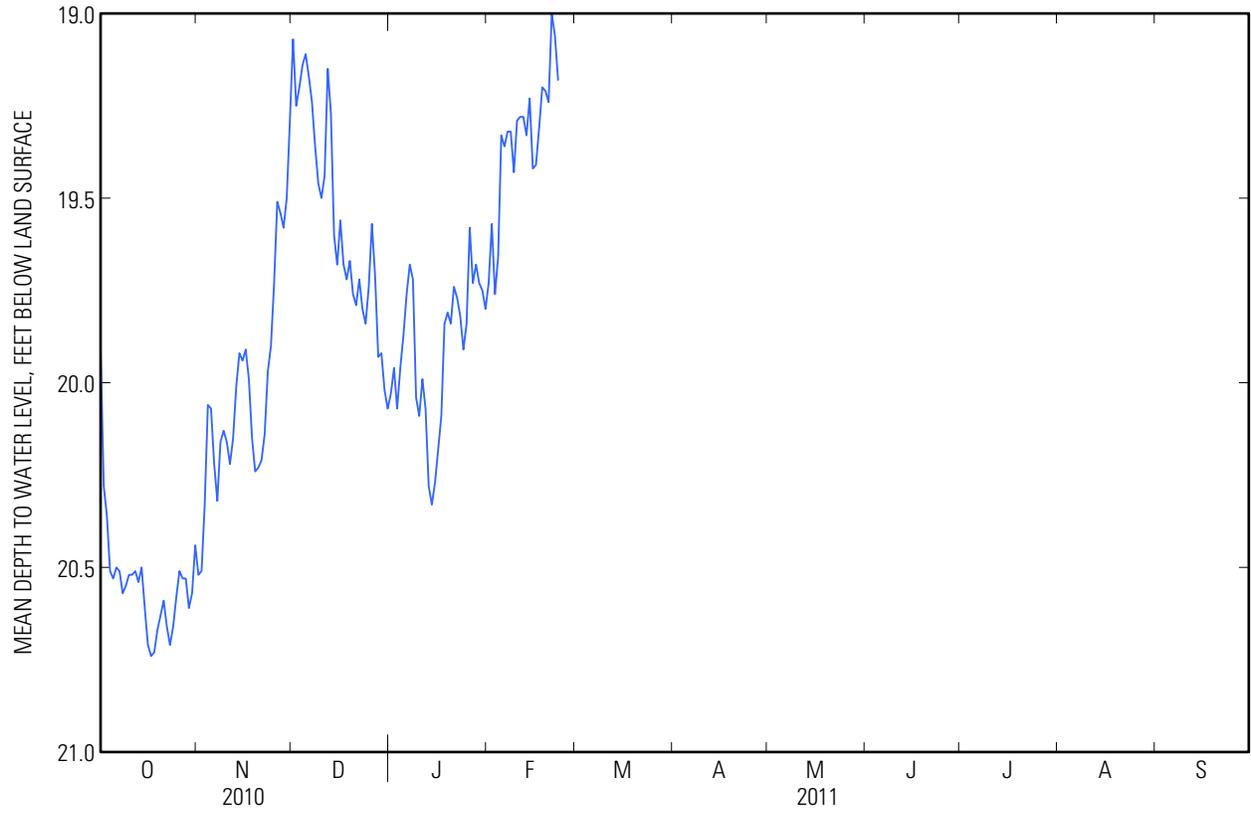
REVISIONS.--Highest water level published in water years 2009 and 2010 based on available data.

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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	19.91	20.52	19.07	20.03	19.73	---	---	---	---	---	---	---
2	20.28	20.51	19.25	19.96	19.57	---	---	---	---	---	---	---
3	20.36	20.33	19.20	20.07	19.76	---	---	---	---	---	---	---
4	20.51	20.06	19.14	19.96	19.66	---	---	---	---	---	---	---
5	20.53	20.07	19.11	19.87	19.33	---	---	---	---	---	---	---
6	20.50	20.22	19.17	19.76	19.36	---	---	---	---	---	---	---
7	20.51	20.32	19.24	19.68	19.32	---	---	---	---	---	---	---
8	20.57	20.16	19.36	19.72	19.32	---	---	---	---	---	---	---
9	20.55	20.13	19.46	20.04	19.43	---	---	---	---	---	---	---
10	20.52	20.16	19.50	20.09	19.29	---	---	---	---	---	---	---
11	20.52	20.22	19.44	19.99	19.28	---	---	---	---	---	---	---
12	20.51	20.15	19.15	20.07	19.28	---	---	---	---	---	---	---
13	20.54	20.01	19.27	20.28	19.33	---	---	---	---	---	---	---
14	20.50	19.92	19.60	20.33	19.23	---	---	---	---	---	---	---
15	20.61	19.94	19.68	20.27	19.42	---	---	---	---	---	---	---
16	20.71	19.91	19.56	20.18	19.41	---	---	---	---	---	---	---
17	20.74	19.99	19.68	20.09	19.31	---	---	---	---	---	---	---
18	20.73	20.15	19.72	19.84	19.20	---	---	---	---	---	---	---
19	20.67	20.24	19.67	19.81	19.21	---	---	---	---	---	---	---
20	20.63	20.23	19.76	19.84	19.24	---	---	---	---	---	---	---
21	20.59	20.21	19.79	19.74	19.00	---	---	---	---	---	---	---
22	20.66	20.14	19.72	19.77	19.06	---	---	---	---	---	---	---
23	20.71	19.97	19.80	19.82	19.18	---	---	---	---	---	---	---
24	20.66	19.90	19.84	19.91	---	---	---	---	---	---	---	---
25	20.58	19.73	19.74	19.84	---	---	---	---	---	---	---	---
26	20.51	19.51	19.57	19.58	---	---	---	---	---	---	---	---
27	20.53	19.54	19.71	19.73	---	---	---	---	---	---	---	---
28	20.53	19.58	19.93	19.68	---	---	---	---	---	---	---	---
29	20.61	19.50	19.92	19.73	---	---	---	---	---	---	---	---
30	20.57	19.29	20.02	19.75	---	---	---	---	---	---	---	---
31	20.44	---	20.07	19.80	---	---	---	---	---	---	---	---
Mean	20.54	20.02	19.55	19.91	---	---	---	---	---	---	---	---
Max	20.74	20.52	20.07	20.33	---	---	---	---	---	---	---	---
Min	19.91	19.29	19.07	19.58	---	---	---	---	---	---	---	---

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