

Water-Data Report 2011

344139077211207 Local number ON-267, NCDENR HADNOT POINT RESEARCH STATION X24s7, AT CAMP LEJEUNE, NC (SURFICIAL)

Surficial aquifer system
Post Miocene (Quaternary + Pliocene) Rocks

Onslow County, NC

LOCATION.--Lat 34°41'36", 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 40 ft, diameter 4 in., cased to 30 ft, screened interval from 30 ft to 40 ft.

DATUM.--Land-surface datum is 25.15 ft above North American Vertical Datum of 1988. Measuring point: reported as 1.35 ft above land-surface datum, April 11, 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 and National Water Quality Assessment (NAWQA) Program. Well redeveloped in August 2009.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.28 ft below land-surface datum, March 2, 2010; lowest water level recorded, 20.26 ft below land-surface datum, January 5, 6, 1991.

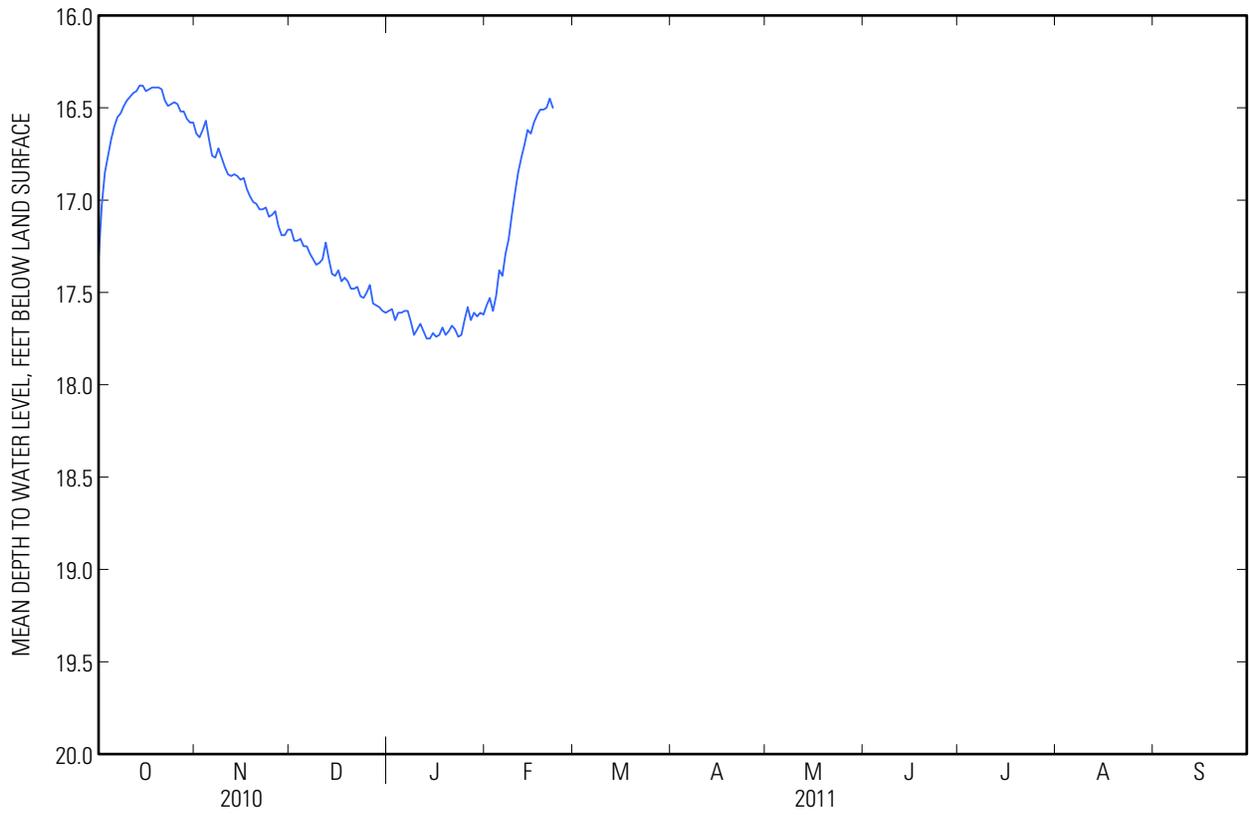
REVISIONS.--Highest water level published in water year 2010 was based on available data.

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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	17.32	16.64	17.16	17.60	17.57	---	---	---	---	---	---	---
2	17.03	16.66	17.22	17.59	17.53	---	---	---	---	---	---	---
3	16.85	16.62	17.22	17.65	17.60	---	---	---	---	---	---	---
4	16.76	16.57	17.21	17.61	17.52	---	---	---	---	---	---	---
5	16.67	16.67	17.25	17.61	17.38	---	---	---	---	---	---	---
6	16.60	16.76	17.25	17.60	17.41	---	---	---	---	---	---	---
7	16.55	16.77	17.29	17.60	17.29	---	---	---	---	---	---	---
8	16.53	16.72	17.32	17.66	17.21	---	---	---	---	---	---	---
9	16.49	16.77	17.35	17.73	17.08	---	---	---	---	---	---	---
10	16.46	16.82	17.34	17.70	16.96	---	---	---	---	---	---	---
11	16.44	16.86	17.32	17.67	16.85	---	---	---	---	---	---	---
12	16.42	16.87	17.23	17.71	16.77	---	---	---	---	---	---	---
13	16.41	16.86	17.32	17.75	16.70	---	---	---	---	---	---	---
14	16.38	16.87	17.40	17.75	16.62	---	---	---	---	---	---	---
15	16.38	16.89	17.41	17.72	16.64	---	---	---	---	---	---	---
16	16.41	16.88	17.38	17.74	16.58	---	---	---	---	---	---	---
17	16.40	16.94	17.44	17.73	16.54	---	---	---	---	---	---	---
18	16.39	16.98	17.42	17.69	16.51	---	---	---	---	---	---	---
19	16.39	17.01	17.44	17.73	16.51	---	---	---	---	---	---	---
20	16.39	17.02	17.48	17.71	16.50	---	---	---	---	---	---	---
21	16.40	17.05	17.48	17.68	16.45	---	---	---	---	---	---	---
22	16.46	17.05	17.47	17.70	16.50	---	---	---	---	---	---	---
23	16.49	17.04	17.52	17.74	---	---	---	---	---	---	---	---
24	16.48	17.09	17.53	17.73	---	---	---	---	---	---	---	---
25	16.47	17.08	17.50	17.65	---	---	---	---	---	---	---	---
26	16.48	17.06	17.46	17.58	---	---	---	---	---	---	---	---
27	16.52	17.14	17.56	17.65	---	---	---	---	---	---	---	---
28	16.52	17.19	17.57	17.61	---	---	---	---	---	---	---	---
29	16.56	17.19	17.58	17.63	---	---	---	---	---	---	---	---
30	16.58	17.16	17.60	17.61	---	---	---	---	---	---	---	---
31	16.58	---	17.61	17.62	---	---	---	---	---	---	---	---
Mean	16.54	16.91	17.40	17.67	---	---	---	---	---	---	---	---
Max	17.32	17.19	17.61	17.75	---	---	---	---	---	---	---	---
Min	16.38	16.57	17.16	17.58	---	---	---	---	---	---	---	---

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