

Water-Data Report 2011

344139077211202 Local number ON-256, NCDENR HADNOT POINT RESEARCH STATION X24s2, AT CAMP LEJEUNE, NC (BLACK CREEK)

Northern Atlantic Coastal Plain aquifer system
Black Creek Aquifer

Onslow County, NC

LOCATION.--Lat 34°41'30", long 77°21'03" 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 918 ft, well cased 2.5 in. to 918 ft in the Black Creek aquifer, screened interval from 908 ft to 918 ft.

DATUM.--Land-surface datum is 20.55 ft above North American Vertical Datum of 1988. Measuring point: top of well casing, 3.26 ft above land-surface datum, since December 7, 2007.

PERIOD OF RECORD.--June 1987 to July 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 study. Well redeveloped in August 2009.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.06 ft below land-surface datum, August 19, 1987; lowest water level recorded, 55.27 ft below land-surface datum, September 24, 2010.

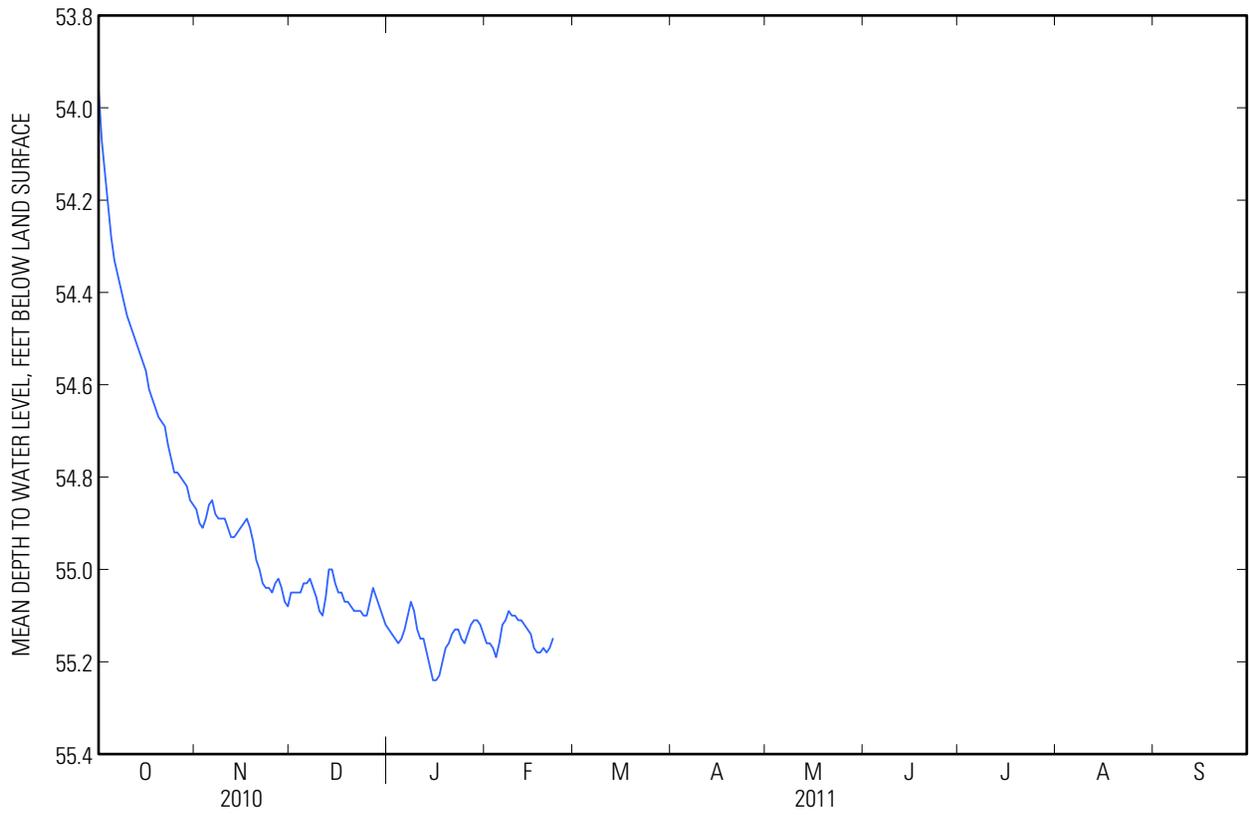
REVISIONS.--Highest water level published in previous water years based on available data.

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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	53.96	54.87	55.05	55.13	55.16	---	---	---	---	---	---	---
2	54.07	54.90	55.05	55.14	55.16	---	---	---	---	---	---	---
3	54.14	54.91	55.05	55.15	55.17	---	---	---	---	---	---	---
4	54.21	54.89	55.05	55.16	55.19	---	---	---	---	---	---	---
5	54.28	54.86	55.03	55.15	55.16	---	---	---	---	---	---	---
6	54.33	54.85	55.03	55.13	55.12	---	---	---	---	---	---	---
7	54.36	54.88	55.02	55.10	55.11	---	---	---	---	---	---	---
8	54.39	54.89	55.04	55.07	55.09	---	---	---	---	---	---	---
9	54.42	54.89	55.06	55.09	55.10	---	---	---	---	---	---	---
10	54.45	54.89	55.09	55.13	55.10	---	---	---	---	---	---	---
11	54.47	54.91	55.10	55.15	55.11	---	---	---	---	---	---	---
12	54.49	54.93	55.06	55.15	55.11	---	---	---	---	---	---	---
13	54.51	54.93	55.00	55.18	55.12	---	---	---	---	---	---	---
14	54.53	54.92	55.00	55.21	55.13	---	---	---	---	---	---	---
15	54.55	54.91	55.03	55.24	55.14	---	---	---	---	---	---	---
16	54.57	54.90	55.05	55.24	55.17	---	---	---	---	---	---	---
17	54.61	54.89	55.05	55.23	55.18	---	---	---	---	---	---	---
18	54.63	54.91	55.07	55.20	55.18	---	---	---	---	---	---	---
19	54.65	54.94	55.07	55.17	55.17	---	---	---	---	---	---	---
20	54.67	54.98	55.08	55.16	55.18	---	---	---	---	---	---	---
21	54.68	55.00	55.09	55.14	55.17	---	---	---	---	---	---	---
22	54.69	55.03	55.09	55.13	55.15	---	---	---	---	---	---	---
23	54.73	55.04	55.09	55.13	---	---	---	---	---	---	---	---
24	54.76	55.04	55.10	55.15	---	---	---	---	---	---	---	---
25	54.79	55.05	55.10	55.16	---	---	---	---	---	---	---	---
26	54.79	55.03	55.07	55.14	---	---	---	---	---	---	---	---
27	54.80	55.02	55.04	55.12	---	---	---	---	---	---	---	---
28	54.81	55.04	55.06	55.11	---	---	---	---	---	---	---	---
29	54.82	55.07	55.08	55.11	---	---	---	---	---	---	---	---
30	54.85	55.08	55.10	55.12	---	---	---	---	---	---	---	---
31	54.86	---	55.12	55.14	---	---	---	---	---	---	---	---
Mean	54.54	54.95	55.06	55.15	---	---	---	---	---	---	---	---
Max	54.86	55.08	55.12	55.24	---	---	---	---	---	---	---	---
Min	53.96	54.85	55.00	55.07	---	---	---	---	---	---	---	---

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