

Water-Data Report 2008

**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).

**GROUND-WATER 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.--February 1988 to July 2005, December 2007 to current year.

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.

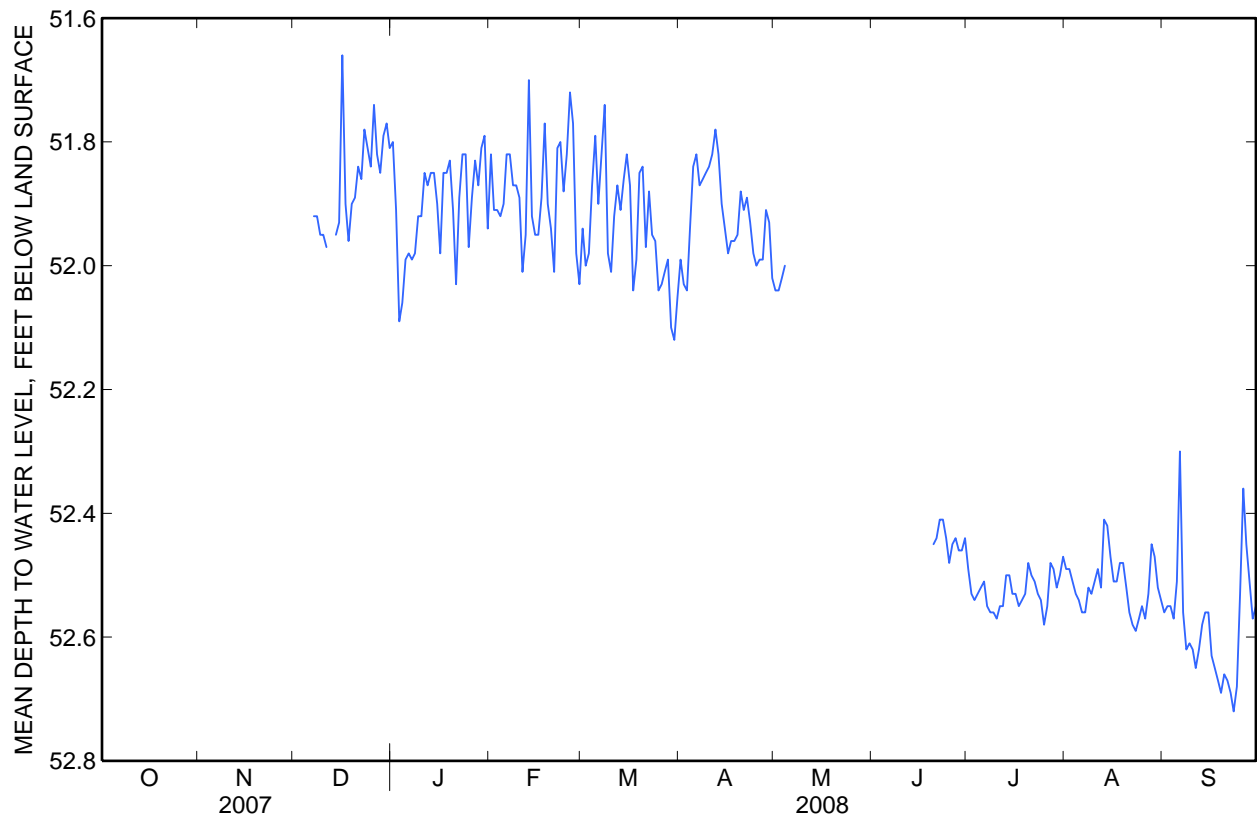
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.36 ft below land-surface datum, March 10, 1988; lowest water level recorded, 52.76 ft below land-surface datum, September 23, 2008.

344139077211202 Local number ON-256, NCDENR Hadnot Point Research Station X24s2, at Camp Lejeune, NC (Black Creek)—Continued

**DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE**  
**WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**  
**DAILY MEAN VALUES**

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	51.80	51.82	51.94	51.99	52.04	---	52.49	52.49	52.56
2	---	---	---	51.91	51.91	52.00	52.03	52.04	---	52.53	52.49	52.55
3	---	---	---	52.09	51.91	51.98	52.04	52.02	---	52.54	52.51	52.55
4	---	---	---	52.06	51.92	51.87	51.94	52.00	---	52.53	52.53	52.57
5	---	---	---	51.99	51.90	51.79	51.84	---	---	52.52	52.54	52.51
6	---	---	---	51.98	51.82	51.90	51.82	---	---	52.51	52.56	52.30
7	---	---	51.92	51.99	51.82	51.82	51.87	---	---	52.55	52.56	52.56
8	---	---	51.92	51.98	51.87	51.74	51.86	---	---	52.56	52.52	52.62
9	---	---	51.95	51.92	51.87	51.98	51.85	---	---	52.56	52.53	52.61
10	---	---	51.95	51.92	51.89	52.01	51.84	---	---	52.57	52.51	52.62
11	---	---	51.97	51.85	52.01	51.92	51.82	---	---	52.55	52.49	52.65
12	---	---	---	51.87	51.95	51.87	51.78	---	---	52.55	52.52	52.62
13	---	---	---	51.85	51.70	51.91	51.82	---	---	52.50	52.41	52.58
14	---	---	51.95	51.85	51.92	51.86	51.90	---	---	52.50	52.42	52.56
15	---	---	51.93	51.90	51.95	51.82	51.94	---	---	52.53	52.47	52.56
16	---	---	51.66	51.98	51.95	51.87	51.98	---	---	52.53	52.51	52.63
17	---	---	51.90	51.85	51.89	52.04	51.96	---	---	52.55	52.51	52.65
18	---	---	51.96	51.85	51.77	51.99	51.96	---	---	52.54	52.48	52.67
19	---	---	51.90	51.83	51.90	51.85	51.95	---	---	52.53	52.48	52.69
20	---	---	51.89	51.91	51.94	51.84	51.88	---	52.45	52.48	52.52	52.66
21	---	---	51.84	52.03	52.01	51.97	51.91	---	52.44	52.50	52.56	52.67
22	---	---	51.86	51.89	51.81	51.88	51.89	---	52.41	52.51	52.58	52.69
23	---	---	51.78	51.82	51.80	51.95	51.93	---	52.41	52.53	52.59	52.72
24	---	---	51.81	51.82	51.88	51.96	51.98	---	52.44	52.54	52.57	52.68
25	---	---	51.84	51.97	51.82	52.04	52.00	---	52.48	52.58	52.55	52.53
26	---	---	51.74	51.89	51.72	52.03	51.99	---	52.45	52.55	52.57	52.36
27	---	---	51.82	51.83	51.77	52.01	51.99	---	52.44	52.48	52.53	52.45
28	---	---	51.85	51.87	51.98	51.99	51.91	---	52.46	52.49	52.45	52.51
29	---	---	51.79	51.81	52.03	52.10	51.93	---	52.46	52.52	52.47	52.57
30	---	---	51.77	51.79	---	52.12	52.02	---	52.44	52.50	52.52	52.55
31	---	---	51.81	51.94	---	52.05	---	---	---	52.47	52.54	---
Mean	---	---	---	51.90	51.88	51.94	51.92	---	---	52.53	52.52	52.58
Max	---	---	---	52.09	52.03	52.12	52.04	---	---	52.58	52.59	52.72
Min	---	---	---	51.79	51.70	51.74	51.78	---	---	52.47	52.41	52.30

344139077211202 Local number ON-256, NCDENR Hadnot Point Research Station X24s2, at Camp Lejeune, NC (Black Creek)—Continued



344139077211202 Local number ON-256, NCDENR Hadnot Point Research Station X24s2, at Camp Lejeune, NC (Black Creek)—Continued

