

Water-Data Report 2011

343626077171701 Local number ON-358, SNEADS FERRY ROAD, AT CAMP LEJEUNE, NC (PEEDEE)

Northern Atlantic Coastal Plain aquifer system
Peedee Formation

Onslow County, NC

LOCATION.--Lat 34°36'26", long 77°17'17" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, approximately 4.8 mi south of Camp Lejeune, on Sneads Ferry Road. Owner: U.S. Geological Survey.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 435 ft, diameter 4 in., cased to 435 ft, screened interval from 415 ft to 435 ft.

DATUM.--Land-surface datum is 43.54 ft above North American Vertical Datum. Measuring point: floor of instrument shelter, 2.73 ft above land-surface datum, February 26, 2008 to present.

PERIOD OF RECORD.--February 2008 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.

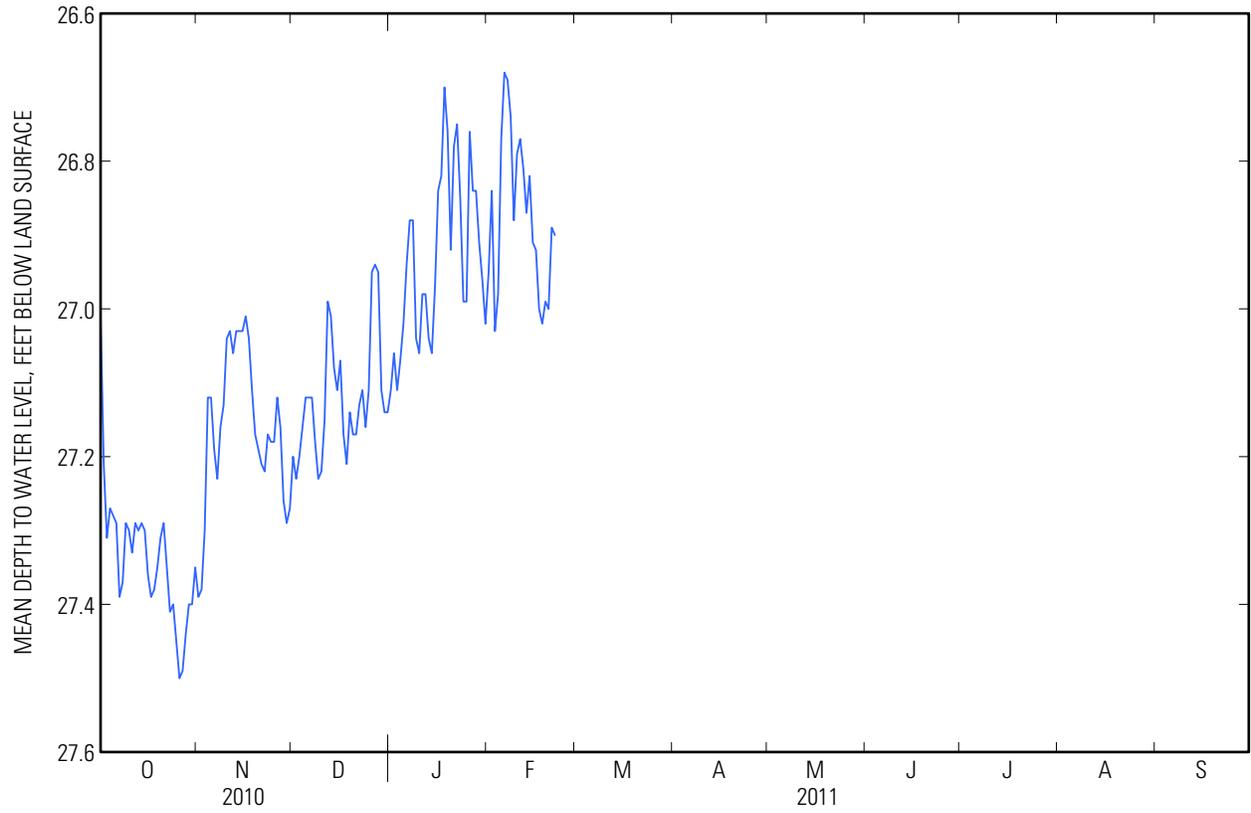
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 26.18 ft below land-surface datum, February 5, 2010; lowest water level recorded, 28.33 ft below land surface datum, November 1, 2008.

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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	27.01	27.39	27.20	27.11	26.95	---	---	---	---	---	---	---
2	27.21	27.38	27.23	27.06	26.84	---	---	---	---	---	---	---
3	27.31	27.30	27.20	27.11	27.03	---	---	---	---	---	---	---
4	27.27	27.12	27.16	27.07	26.98	---	---	---	---	---	---	---
5	27.28	27.12	27.12	27.02	26.77	---	---	---	---	---	---	---
6	27.29	27.19	27.12	26.94	26.68	---	---	---	---	---	---	---
7	27.39	27.23	27.12	26.88	26.69	---	---	---	---	---	---	---
8	27.37	27.16	27.18	26.88	26.74	---	---	---	---	---	---	---
9	27.29	27.13	27.23	27.04	26.88	---	---	---	---	---	---	---
10	27.30	27.04	27.22	27.06	26.79	---	---	---	---	---	---	---
11	27.33	27.03	27.15	26.98	26.77	---	---	---	---	---	---	---
12	27.29	27.06	26.99	26.98	26.81	---	---	---	---	---	---	---
13	27.30	27.03	27.01	27.04	26.87	---	---	---	---	---	---	---
14	27.29	27.03	27.08	27.06	26.82	---	---	---	---	---	---	---
15	27.30	27.03	27.11	26.97	26.91	---	---	---	---	---	---	---
16	27.36	27.01	27.07	26.84	26.92	---	---	---	---	---	---	---
17	27.39	27.04	27.17	26.82	27.00	---	---	---	---	---	---	---
18	27.38	27.11	27.21	26.70	27.02	---	---	---	---	---	---	---
19	27.35	27.17	27.14	26.76	26.99	---	---	---	---	---	---	---
20	27.31	27.19	27.17	26.92	27.00	---	---	---	---	---	---	---
21	27.29	27.21	27.17	26.78	26.89	---	---	---	---	---	---	---
22	27.35	27.22	27.13	26.75	26.90	---	---	---	---	---	---	---
23	27.41	27.17	27.11	26.85	---	---	---	---	---	---	---	---
24	27.40	27.18	27.16	26.99	---	---	---	---	---	---	---	---
25	27.45	27.18	27.11	26.99	---	---	---	---	---	---	---	---
26	27.50	27.12	26.95	26.76	---	---	---	---	---	---	---	---
27	27.49	27.16	26.94	26.84	---	---	---	---	---	---	---	---
28	27.44	27.26	26.95	26.84	---	---	---	---	---	---	---	---
29	27.40	27.29	27.11	26.91	---	---	---	---	---	---	---	---
30	27.40	27.27	27.14	26.96	---	---	---	---	---	---	---	---
31	27.35	---	27.14	27.02	---	---	---	---	---	---	---	---
Mean	27.34	27.16	27.12	26.93	---	---	---	---	---	---	---	---
Max	27.50	27.39	27.23	27.11	---	---	---	---	---	---	---	---
Min	27.01	27.01	26.94	26.70	---	---	---	---	---	---	---	---

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