

Water-Data Report 2008

**343641077290106 Local number ON-230, NCDENR Dixon Research Station well Y25q6 at Camp Lejeune, NC (Surficial)**

Surficial aquifer system  
Post Miocene (Quaternary + Pliocene) Rocks  
Onslow County, NC

LOCATION.--Lat 34°36'41", long 77°28'59" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, on U.S. Highway 17, 1.5 mi. north of Dixon. Owner: NCDENR (North Carolina Department of Environment and Natural Resources).

**GROUND-WATER RECORDS**

WELL CHARACTERISTICS.--Drilled observation well, depth 22.0 ft, diameter 4 in., cased to 18.4 ft, screened interval from 18.4 ft to 22.0 ft.

DATUM.--Land-surface datum is 66.12 ft above North American Vertical Datum of 1988. Measuring point: top of well casing, 2.40 ft above land-surface datum, November 1, 2007 to present.

PERIOD OF RECORD.--May 1986 to September 2005, November 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 project.

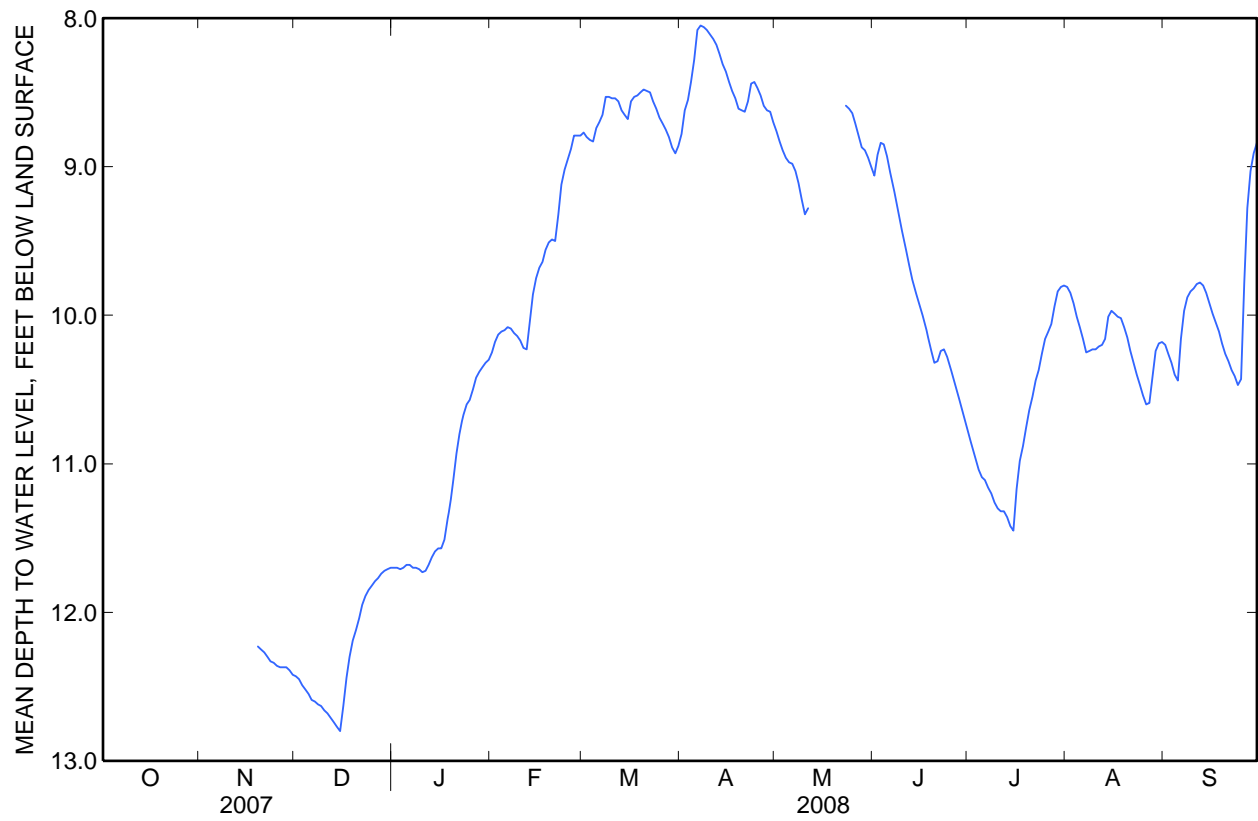
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.76 ft below land-surface datum, September 16, 1999; lowest water level recorded, 12.80 ft below land-surface datum, December 15, 2007.

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**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	---	---	12.43	11.70	10.25	8.77	8.78	8.76	9.06	10.81	9.81	10.20
2	---	---	12.45	11.70	10.18	8.80	8.62	8.83	8.92	10.89	9.85	10.26
3	---	---	12.49	11.71	10.13	8.82	8.55	8.89	8.84	10.97	9.92	10.32
4	---	---	12.52	11.70	10.11	8.83	8.43	8.94	8.85	11.04	10.01	10.40
5	---	---	12.55	11.68	10.10	8.74	8.28	8.97	8.93	11.09	10.08	10.44
6	---	---	12.59	11.68	10.08	8.70	8.08	8.98	9.04	11.11	10.16	10.16
7	---	---	12.60	11.70	10.09	8.65	8.05	9.03	9.14	11.16	10.25	9.97
8	---	---	12.62	11.70	10.12	8.53	8.06	9.11	9.24	11.20	10.24	9.88
9	---	---	12.63	11.71	10.14	8.53	8.08	9.22	9.35	11.26	10.23	9.84
10	---	---	12.66	11.73	10.17	8.54	8.11	9.32	9.46	11.30	10.23	9.82
11	---	---	12.68	11.72	10.22	8.54	8.14	9.28	9.56	11.32	10.21	9.79
12	---	---	12.71	11.68	10.23	8.56	8.18	---	9.66	11.32	10.20	9.78
13	---	---	12.74	11.63	10.04	8.62	8.24	---	9.76	11.36	10.16	9.80
14	---	---	12.77	11.59	9.86	8.65	8.31	---	9.84	11.42	10.01	9.85
15	---	---	12.80	11.57	9.75	8.68	8.36	---	9.91	11.45	9.97	9.92
16	---	---	12.63	11.57	9.68	8.56	8.43	---	9.98	11.17	9.99	9.99
17	---	---	12.44	11.51	9.64	8.53	8.49	---	10.06	10.98	10.01	10.05
18	---	---	12.30	11.37	9.56	8.52	8.54	---	10.15	10.88	10.02	10.11
19	---	12.23	12.19	11.25	9.51	8.50	8.61	---	10.24	10.76	10.08	10.19
20	---	12.25	12.12	11.06	9.49	8.48	8.62	---	10.32	10.64	10.15	10.26
21	---	12.27	12.04	10.91	9.50	8.49	8.63	---	10.31	10.55	10.24	10.31
22	---	12.30	11.95	10.77	9.32	8.50	8.56	---	10.24	10.44	10.32	10.37
23	---	12.33	11.89	10.67	9.12	8.56	8.44	8.59	10.23	10.37	10.40	10.41
24	---	12.34	11.85	10.60	9.02	8.61	8.43	8.61	10.28	10.26	10.47	10.47
25	---	12.36	11.82	10.57	8.95	8.67	8.47	8.64	10.35	10.16	10.54	10.43
26	---	12.37	11.79	10.50	8.88	8.71	8.52	8.71	10.42	10.11	10.60	9.78
27	---	12.37	11.77	10.42	8.79	8.75	8.59	8.79	10.50	10.06	10.59	9.28
28	---	12.37	11.74	10.38	8.79	8.80	8.62	8.87	10.58	9.94	10.41	9.03
29	---	12.39	11.72	10.35	8.79	8.87	8.63	8.89	10.66	9.84	10.24	8.91
30	---	12.42	11.71	10.32	---	8.91	8.70	8.94	10.73	9.81	10.19	8.84
31	---	---	11.70	10.30	---	8.86	---	9.00	---	9.80	10.18	---
Mean	---	---	12.29	11.22	9.67	8.65	8.42	---	9.82	10.76	10.19	9.96
Max	---	---	12.80	11.73	10.25	8.91	8.78	---	10.73	11.45	10.60	10.47
Min	---	---	11.70	10.30	8.79	8.48	8.05	---	8.84	9.80	9.81	8.84

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