

Water-Data Report 2008

**343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC
(Castle Hayne)**

Northern Atlantic Coastal Plain aquifer system
Castle Hayne Formation
Onslow County, NC

LOCATION.--Lat 34°36'41", long 77°28'58" 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 240 ft, diameter 4 in., cased to 150 ft, screened interval from 150 ft to 240 ft.

DATUM.--Land-surface datum is 66.19 ft above North American Vertical Datum of 1988. Measuring point: top of steel casing, 1.71 ft above land-surface datum, November 19, 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.

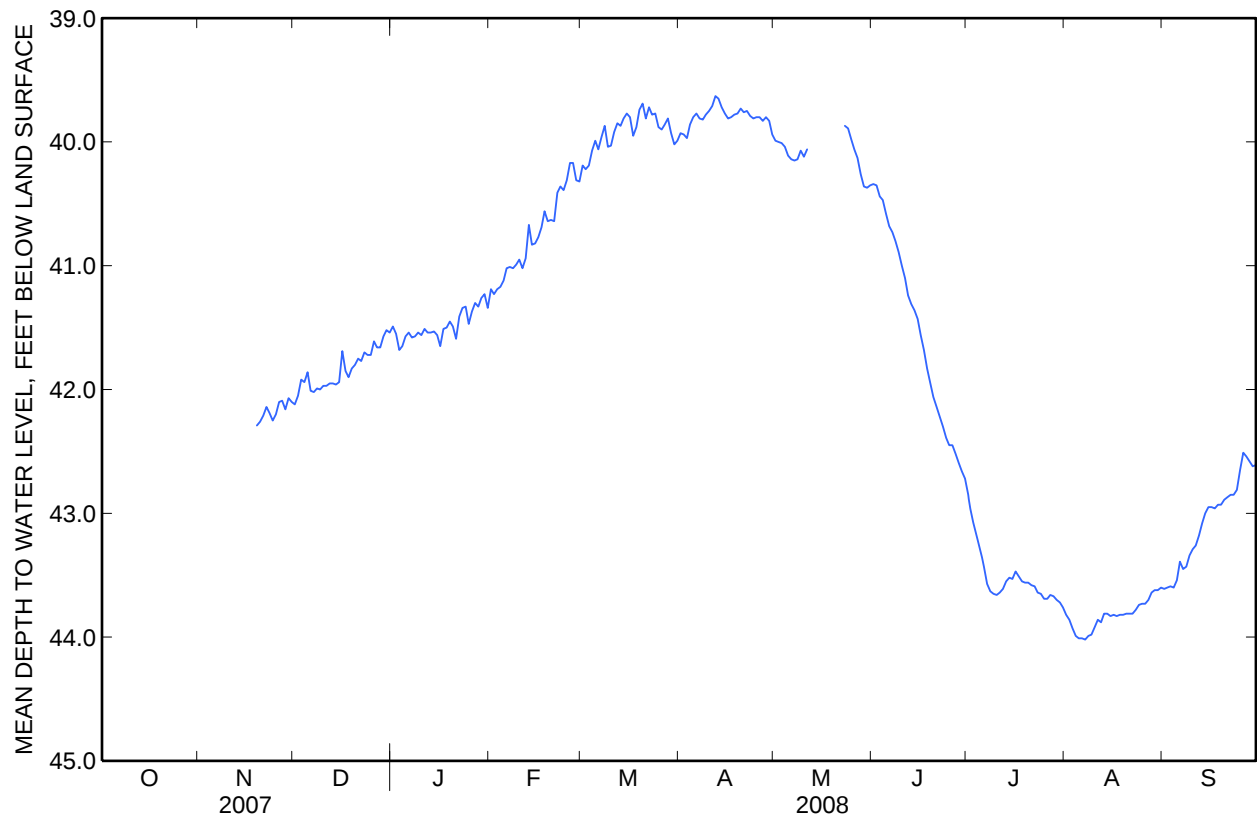
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 32.13 ft below land-surface datum, March 13, 1993; lowest water level recorded, 44.03 ft below land-surface datum, August 7, 8, 2008.

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued

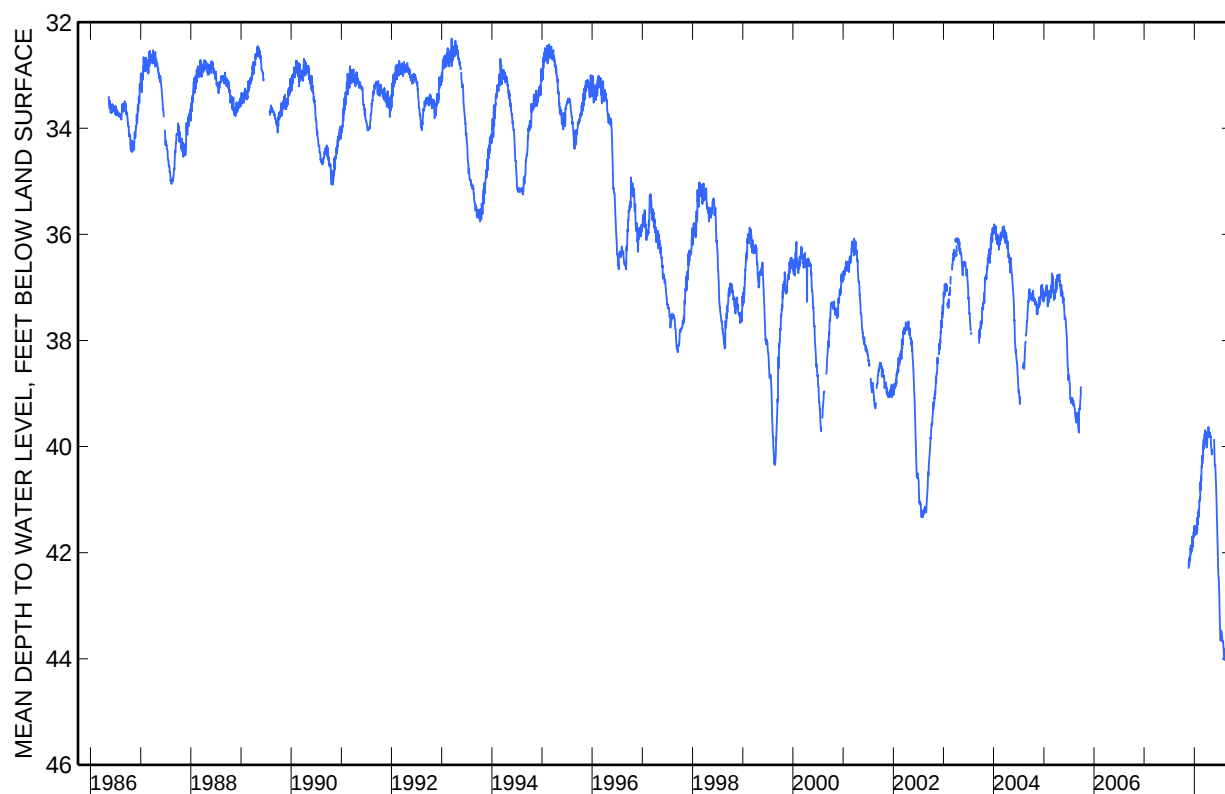
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	42.12	41.49	41.19	40.19	39.93	39.99	40.34	42.85	43.82	43.61
2	---	---	42.05	41.55	41.23	40.22	39.94	40.00	40.35	43.00	43.86	43.60
3	---	---	41.92	41.68	41.19	40.19	39.97	40.01	40.44	43.12	43.93	43.59
4	---	---	41.94	41.65	41.17	40.07	39.86	40.04	40.47	43.22	43.99	43.60
5	---	---	41.86	41.57	41.12	39.99	39.80	40.11	40.58	43.31	44.01	43.54
6	---	---	42.01	41.54	41.02	40.06	39.77	40.14	40.68	43.43	44.01	43.39
7	---	---	42.02	41.58	41.01	39.96	39.81	40.15	40.73	43.57	44.02	43.45
8	---	---	41.99	41.57	41.02	39.87	39.82	40.14	40.80	43.63	43.99	43.43
9	---	---	42.00	41.54	40.99	40.04	39.78	40.07	40.89	43.65	43.98	43.34
10	---	---	41.97	41.56	40.95	40.03	39.75	40.12	41.00	43.66	43.92	43.29
11	---	---	41.97	41.51	41.02	39.92	39.71	40.06	41.10	43.64	43.86	43.26
12	---	---	41.95	41.54	40.94	39.85	39.63	---	41.24	43.61	43.88	43.18
13	---	---	41.95	41.54	40.67	39.87	39.65	---	41.31	43.55	43.81	43.08
14	---	---	41.96	41.53	40.83	39.81	39.72	---	41.36	43.52	43.81	43.00
15	---	---	41.94	41.56	40.82	39.77	39.77	---	41.43	43.53	43.83	42.95
16	---	---	41.69	41.65	40.77	39.80	39.81	---	41.56	43.47	43.82	42.95
17	---	---	41.85	41.51	40.69	39.95	39.80	---	41.68	43.51	43.83	42.96
18	---	---	41.90	41.50	40.56	39.88	39.78	---	41.83	43.55	43.82	42.93
19	---	42.29	41.83	41.45	40.64	39.74	39.77	---	41.95	43.56	43.82	42.93
20	---	42.26	41.80	41.49	40.63	39.69	39.73	---	42.06	43.56	43.81	42.89
21	---	42.21	41.75	41.59	40.64	39.81	39.76	---	42.14	43.58	43.81	42.87
22	---	42.14	41.77	41.41	40.41	39.72	39.75	---	42.22	43.59	43.81	42.85
23	---	42.19	41.70	41.34	40.36	39.78	39.79	39.87	42.30	43.64	43.78	42.85
24	---	42.25	41.72	41.33	40.39	39.77	39.81	39.89	42.39	43.65	43.74	42.81
25	---	42.20	41.72	41.47	40.31	39.88	39.80	39.98	42.45	43.69	43.73	42.65
26	---	42.10	41.61	41.37	40.17	39.90	39.80	40.06	42.45	43.69	43.73	42.51
27	---	42.09	41.66	41.30	40.17	39.86	39.83	40.13	42.52	43.66	43.70	42.54
28	---	42.16	41.66	41.33	40.31	39.81	39.80	40.26	42.59	43.67	43.64	42.58
29	---	42.07	41.57	41.26	40.32	39.93	39.83	40.36	42.66	43.70	43.62	42.62
30	---	42.10	41.52	41.23	---	40.02	39.94	40.37	42.72	43.72	43.62	42.61
31	---	---	41.54	41.34	---	39.99	---	40.35	---	43.76	43.60	---
Mean	---	---	41.84	41.48	40.74	39.92	39.80	---	41.54	43.53	43.83	43.06
Max	---	---	42.12	41.68	41.23	40.22	39.97	---	42.72	43.76	44.02	43.61
Min	---	---	41.52	41.23	40.17	39.69	39.63	---	40.34	42.85	43.60	42.51

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued



343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued



343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--November 2007 to September 2008.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: November 2007 to September 2008.

WATER TEMPERATURE: November 2007 to September 2008.

INSTRUMENTATION.--Water-quality monitor in operation from November 2007 to September 2008.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 401 microsiemens, on many days during the period; minimum recorded, 393 microsiemens, August 27.

WATER TEMPERATURE: Maximum recorded, 18.9°C, on several days during the period; minimum recorded, 18.5°C, on many days during the period.

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
2	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
3	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
4	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
5	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
6	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
7	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
8	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
9	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
10	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
11	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
12	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
13	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
14	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
15	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
16	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
17	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
18	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
19	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
20	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
21	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
22	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
23	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
24	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
25	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
26	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
27	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
28	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
29	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
30	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
31	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8
Month	---	---	---	---	---	---	18.8	18.8	18.8	18.8	18.8	18.8

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	18.8	18.8	18.8	18.5	18.5	18.5	18.6	18.6	18.6	18.8	18.8	18.8
2	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.6	18.6	18.8	18.8	18.8
3	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.8	18.8	18.8
4	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.8	18.8	18.8
5	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.8	18.8	18.8
6	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.8	18.8	18.8
7	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.8	18.9
8	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.9	18.9
9	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	---	---	---
10	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.9	18.9
11	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.9	18.9
12	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	---	---	---
13	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	---	---	---
14	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	---	---	---
15	18.8	18.8	18.8	18.5	18.5	18.5	18.7	18.7	18.7	---	---	---
16	18.8	18.8	18.8	18.6	18.5	18.5	18.7	18.7	18.7	---	---	---
17	18.8	18.8	18.8	18.6	18.6	18.6	18.7	18.7	18.7	---	---	---
18	18.8	18.8	18.8	18.6	18.6	18.6	18.7	18.7	18.7	---	---	---
19	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.7	18.7	---	---	---
20	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	---	---	---
21	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	---	---	---
22	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	---	---	---
23	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
24	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
25	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
26	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
27	18.8	18.8	18.8	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
28	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
29	18.5	18.5	18.5	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
30	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8	18.7	18.7	18.7
31	---	---	---	18.6	18.6	18.6	---	---	---	18.7	18.7	18.7
Month	---	---	---	18.6	18.5	18.5	18.8	18.6	18.7	---	---	---

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
June			July			August			September			
1	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
2	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
3	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
4	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
5	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
6	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
7	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
8	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
9	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
10	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
11	18.7	18.7	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
12	18.7	18.6	18.7	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
13	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
14	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
15	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
16	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
17	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
18	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
19	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
20	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
21	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
22	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
23	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
24	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5
25	18.6	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
26	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
27	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
28	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
29	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
30	18.6	18.6	18.6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
31	---	---	---	18.5	18.5	18.5	18.5	18.5	18.5	---	---	---
Month	18.7	18.6	18.6	18.6	18.5	18.6	18.5	18.5	18.5	18.5	18.5	18.5

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	---	---	---	---	---	---	399	398	398	399	398	399
2	---	---	---	---	---	---	399	398	398	399	398	399
3	---	---	---	---	---	---	399	398	398	399	398	399
4	---	---	---	---	---	---	399	398	398	399	398	399
5	---	---	---	---	---	---	399	398	398	399	398	399
6	---	---	---	---	---	---	399	398	398	399	398	399
7	---	---	---	---	---	---	399	398	398	399	398	399
8	---	---	---	---	---	---	398	398	398	399	398	399
9	---	---	---	---	---	---	398	398	398	399	399	399
10	---	---	---	---	---	---	398	398	398	399	399	399
11	---	---	---	---	---	---	399	398	398	399	398	399
12	---	---	---	---	---	---	399	398	398	399	398	399
13	---	---	---	---	---	---	399	398	398	399	399	399
14	---	---	---	---	---	---	399	398	398	399	399	399
15	---	---	---	---	---	---	399	398	398	399	399	399
16	---	---	---	---	---	---	399	398	399	399	398	399
17	---	---	---	---	---	---	399	398	398	399	399	399
18	---	---	---	---	---	---	399	398	399	399	399	399
19	---	---	---	399	398	399	399	398	399	399	398	399
20	---	---	---	399	398	399	399	398	399	399	398	399
21	---	---	---	399	398	399	399	398	399	399	398	399
22	---	---	---	399	398	399	399	398	399	399	398	398
23	---	---	---	399	398	398	399	398	399	399	398	399
24	---	---	---	399	398	398	399	398	399	399	398	399
25	---	---	---	399	398	398	399	398	398	399	398	399
26	---	---	---	399	398	398	399	398	399	399	398	399
27	---	---	---	398	398	398	399	398	399	399	398	399
28	---	---	---	398	398	398	399	398	398	399	398	399
29	---	---	---	398	398	398	399	398	398	399	398	399
30	---	---	---	398	398	398	399	398	399	399	398	399
31	---	---	---	---	---	---	399	398	399	399	398	399
Month	---	---	---	---	---	---	399	398	398	399	398	399

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	399	399	399	399	399	399	400	399	399	400	399	400
2	399	399	399	399	399	399	399	399	399	400	399	400
3	399	399	399	399	399	399	399	399	399	400	399	400
4	399	399	399	399	399	399	400	399	399	400	399	400
5	399	399	399	399	399	399	399	399	399	400	399	400
6	399	399	399	399	399	399	399	399	399	400	399	400
7	399	399	399	399	399	399	400	399	399	400	399	400
8	399	399	399	399	399	399	399	399	399	400	399	400
9	399	399	399	399	399	399	399	399	399	---	---	---
10	399	399	399	399	399	399	400	399	399	400	399	400
11	399	399	399	399	399	399	400	399	399	400	399	400
12	399	399	399	399	399	399	400	399	399	---	---	---
13	399	399	399	399	399	399	400	399	399	---	---	---
14	399	399	399	399	399	399	400	399	399	---	---	---
15	399	399	399	399	399	399	400	399	399	---	---	---
16	399	399	399	399	399	399	400	399	399	---	---	---
17	399	399	399	399	399	399	400	399	399	---	---	---
18	399	399	399	399	399	399	400	399	399	---	---	---
19	399	399	399	399	399	399	400	399	399	---	---	---
20	399	399	399	399	399	399	400	399	399	---	---	---
21	399	399	399	399	399	399	400	399	399	---	---	---
22	399	399	399	399	399	399	400	399	399	---	---	---
23	399	399	399	399	399	399	400	399	399	401	401	401
24	399	399	399	399	399	399	400	399	399	401	401	401
25	399	399	399	399	399	399	400	399	400	401	401	401
26	399	399	399	399	399	399	400	399	399	401	400	401
27	399	399	399	399	399	399	400	399	399	401	401	401
28	---	---	---	399	399	399	400	399	400	401	400	401
29	399	399	399	399	399	399	400	399	399	401	400	401
30	---	---	---	399	399	399	400	399	400	401	400	400
31	---	---	---	399	399	399	---	---	---	401	400	400
Month	---	---	---	399	399	399	400	399	399	---	---	---

343641077290103 Local number ON-227, NCDENR Dixon Research Station Y25q3, at Camp Lejeune, NC (Castle Hayne)—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	401	400	400	401	401	401	398	398	398	398	398	398
2	401	400	400	401	401	401	398	398	398	398	398	398
3	401	400	400	401	401	401	398	398	398	398	398	398
4	401	400	400	401	401	401	398	398	398	398	398	398
5	401	400	400	401	401	401	398	398	398	399	398	398
6	401	400	400	401	401	401	398	398	398	399	398	398
7	401	400	400	401	401	401	398	397	398	399	398	398
8	401	400	401	401	401	401	398	397	398	399	398	398
9	401	401	401	401	401	401	398	398	398	399	398	398
10	401	401	401	401	401	401	398	398	398	399	398	398
11	401	401	401	401	401	401	398	398	398	399	398	398
12	401	401	401	401	401	401	398	398	398	399	398	398
13	401	401	401	401	401	401	398	398	398	399	398	398
14	401	401	401	401	401	401	398	398	398	399	398	398
15	401	401	401	401	396	400	398	395	398	399	398	398
16	401	401	401	397	397	397	399	398	399	399	398	398
17	401	401	401	397	397	397	399	398	398	399	398	399
18	401	401	401	397	397	397	399	398	398	399	398	399
19	401	401	401	397	397	397	399	398	398	399	398	399
20	401	401	401	397	397	397	398	398	398	399	399	399
21	401	401	401	397	397	397	398	398	398	399	399	399
22	401	401	401	397	397	397	398	398	398	399	399	399
23	401	401	401	397	397	397	399	398	398	399	399	399
24	401	400	401	398	397	398	399	398	398	399	399	399
25	401	400	401	398	398	398	399	398	398	399	398	399
26	401	401	401	398	398	398	399	398	398	399	398	398
27	401	401	401	398	398	398	399	393	398	399	398	398
28	401	401	401	398	398	398	398	398	398	399	398	398
29	401	401	401	398	398	398	398	398	398	399	398	398
30	401	401	401	398	397	397	398	398	398	399	398	399
31	---	---	---	398	398	398	398	398	398	---	---	---
Month	401	400	401	401	396	399	399	393	398	399	398	398