

Water-Data Report 2010

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)

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

LOCATION.--Lat 34°44'17.7", long 77°27'27.4" referenced to North American Datum of 1983, Onslow County, NC, Hydrologic Unit 03030001, 0.25 mi east of U.S. Highway 17 and 2 mi south of U.S. Highway 258 at USMC Camp Geiger, southwest of Jacksonville. Owner: U.S. Marine Corps.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 170 ft, diameter 4 in., cased to 145 ft, screened interval from 145 ft to 165 ft.

DATUM.--Land-surface datum is 19.48 ft above North American Vertical Datum of 1988. Measuring point: top of PVC well casing, 2.32 ft above land-surface datum, February 1, 2008 to present.

PERIOD OF RECORD.--January 2008 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. Well redeveloped in August 2009.

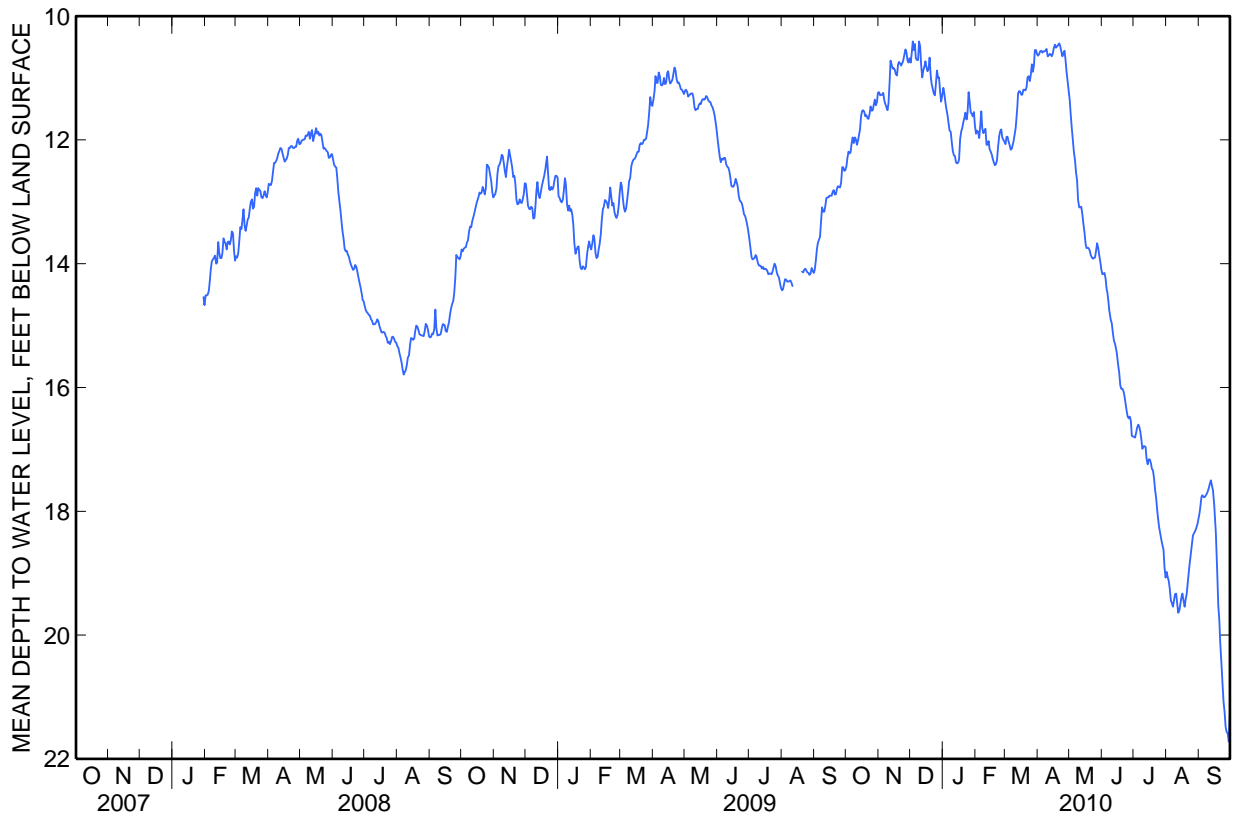
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.34 ft below land-surface datum, December 9, 2009; lowest water level recorded, 21.81 ft below land-surface datum, September 29, 2010.

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	12.43	11.23	10.75	11.16	11.90	12.07	10.64	11.36	14.17	16.80	18.98	18.06
2	12.30	11.28	10.61	11.25	11.85	11.95	10.61	11.59	14.16	16.81	19.06	17.93
3	12.19	11.27	10.41	11.40	11.87	11.95	10.57	11.82	14.15	16.73	19.13	17.77
4	12.22	11.27	10.55	11.50	11.97	12.03	10.56	12.02	14.24	16.65	19.25	17.74
5	12.20	11.24	10.45	11.60	11.79	12.09	10.59	12.20	14.40	16.60	19.44	17.77
6	12.05	11.36	10.68	11.74	11.54	12.16	10.57	12.33	14.49	16.63	19.48	17.77
7	11.96	11.42	10.71	11.85	11.81	12.14	10.57	12.52	14.67	16.71	19.54	17.75
8	12.05	11.47	10.71	11.87	11.89	12.06	10.56	12.66	14.81	16.85	19.43	17.71
9	11.96	11.52	10.41	12.02	11.85	11.99	10.53	12.97	14.90	16.99	19.34	17.69
10	11.99	11.41	10.49	12.18	11.82	11.90	10.65	13.09	14.97	16.95	19.33	17.62
11	12.08	11.07	10.79	12.25	12.08	11.77	10.64	13.09	15.13	16.95	19.48	17.55
12	12.02	10.72	10.99	12.26	12.08	11.50	10.61	13.08	15.24	16.96	19.64	17.50
13	11.92	10.79	10.87	12.36	12.02	11.25	10.62	13.21	15.30	17.15	19.60	17.59
14	11.83	10.85	10.82	12.38	12.15	11.21	10.65	13.35	15.36	17.24	19.50	17.66
15	11.61	10.84	10.73	12.37	12.19	11.22	10.60	13.49	15.50	17.16	19.39	17.94
16	11.53	10.87	10.82	12.32	12.24	11.27	10.51	13.68	15.63	17.16	19.33	18.14
17	11.52	10.94	10.89	11.98	12.31	11.27	10.46	13.75	15.76	17.22	19.44	18.39
18	11.55	10.96	10.84	11.86	12.37	11.19	10.51	13.74	15.97	17.31	19.54	19.07
19	11.62	10.78	10.67	11.81	12.41	11.19	10.49	13.75	16.02	17.34	19.43	19.51
20	11.60	10.74	10.97	11.71	12.39	11.20	10.47	13.79	16.02	17.47	19.33	19.77
21	11.65	10.77	11.10	11.65	12.33	11.15	10.44	13.86	16.06	17.65	19.14	20.15
22	11.66	10.80	11.18	11.56	12.11	10.99	10.48	13.90	16.14	17.79	18.99	20.46
23	11.58	10.76	11.25	11.67	11.94	10.97	10.57	13.92	16.26	17.97	18.85	20.80
24	11.46	10.72	11.28	11.57	11.86	11.05	10.65	13.91	16.37	18.14	18.67	21.07
25	11.53	10.63	11.08	11.23	11.83	10.96	10.60	13.90	16.47	18.26	18.52	21.25
26	11.52	10.54	10.88	11.37	11.96	10.78	10.56	13.80	16.50	18.39	18.39	21.48
27	11.43	10.58	11.00	11.55	12.00	10.90	10.69	13.67	16.47	18.48	18.35	21.57
28	11.35	10.72	10.99	11.58	12.03	10.80	10.90	13.75	16.54	18.52	18.32	21.58
29	11.44	10.75	11.23	11.62	---	10.55	11.06	13.86	16.78	18.62	18.28	21.72
30	11.39	10.68	11.38	11.55	---	10.55	11.20	13.97	16.79	18.90	18.22	21.26
31	11.24	---	11.28	11.76	---	10.62	---	14.09	---	19.07	18.13	---
Mean	11.77	10.97	10.86	11.77	12.02	11.38	10.62	13.23	15.51	17.47	19.08	19.08
Max	12.43	11.52	11.38	12.38	12.41	12.16	11.20	14.09	16.79	19.07	19.64	21.72
Min	11.24	10.54	10.41	11.16	11.54	10.55	10.44	11.36	14.15	16.60	18.13	17.50

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued



344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2008 to current year.

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: August 2008 to current year.

WATER TEMPERATURE: August 2008 to current year.

INSTRUMENTATION.--Water-quality monitor with satellite telemetry January 2008 to current year.

REMARKS.--Well re-developed August 2009. Missing data from January 2008 to August 18, 2008 due to equipment problems.

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1,470 microsiemens, on several days during the period; minimum recorded, 1,320 microsiemens, on several days in September 2010.

WATER TEMPERATURE: Maximum recorded, 18.7°C, on several days during February 2009; minimum recorded, 18.3°C, on many days during the period.

EXTREMES FOR CURRENT YEAR.--

SPECIFIC CONDUCTANCE: Maximum recorded, 1,410 microsiemens, on several days in October; minimum recorded, 1,320 microsiemens, on several days in September.

WATER TEMPERATURE: The recorded water temperature remained constant throughout the year at 18.5°C.

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
2	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
6	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
7	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
8	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
9	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
10	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
11	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
12	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
13	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
14	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
15	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
16	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
17	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
18	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
19	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
20	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
21	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
22	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
23	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
24	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
25	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
26	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
27	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
28	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
29	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
30	18.5	18.5	18.5	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	18.5	18.5	18.5
Month	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

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

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

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

	Max	Min	Mean
Year	18.5	18.5	18.5

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	1,410	1,410	1,410	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
2	1,410	1,410	1,410	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
3	1,410	1,410	1,410	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
4	1,410	1,410	1,410	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
5	1,410	1,410	1,410	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
6	1,410	1,410	1,410	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
7	1,410	1,410	1,410	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
8	1,410	1,370	1,390	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
9	1,380	1,370	1,370	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
10	1,380	1,370	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
11	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
12	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
13	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
14	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
15	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
16	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
17	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
18	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
19	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
20	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
21	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
22	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
23	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
24	1,380	1,370	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370
25	1,380	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360
26	1,380	1,370	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
27	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
28	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
29	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
30	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360	1,360
31	1,370	1,370	1,370	---	---	---	1,370	1,370	1,370	1,370	1,360	1,360
Month	1,410	1,370	1,380	1,380	1,370	1,370	1,370	1,370	1,370	1,370	1,360	1,360

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	1,370	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360
2	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360
3	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360
4	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350
5	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
6	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
7	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
8	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360	1,350	1,350	1,350
9	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
10	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
11	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
12	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
13	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
14	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
15	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
16	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350	1,350	1,350
17	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360	1,350	1,350	1,350
18	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
19	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
20	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
21	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360	1,350	1,350	1,350
22	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350	1,350	1,350
23	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360	1,350	1,350	1,350
24	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
25	1,360	1,360	1,360	1,360	1,350	1,360	1,360	1,360	1,360	1,350	1,350	1,350
26	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,360	1,350	1,350	1,350
27	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
28	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
29	---	---	---	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
30	---	---	---	1,360	1,360	1,360	1,360	1,360	1,360	1,350	1,350	1,350
31	---	---	---	1,360	1,360	1,360	---	---	---	1,350	1,350	1,350
Month	1,370	1,360	1,360	1,360	1,350	1,360	1,360	1,350	1,360	1,360	1,350	1,350

344418077272701 Local number ON-355 (NC-52.3), AT CAMP GEIGER, NC (LOWER CASTLE HAYNE)—Continued

SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	1,350	1,350	1,350	1,350	1,340	1,350	1,340	1,340	1,340	1,340	1,330	1,330
2	1,350	1,350	1,350	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,330	1,330
3	1,350	1,350	1,350	1,350	1,340	1,350	1,340	1,340	1,340	1,340	1,330	1,330
4	1,350	1,350	1,350	1,350	1,340	1,350	1,340	1,340	1,340	1,340	1,340	1,340
5	1,350	1,350	1,350	1,350	1,350	1,350	1,340	1,330	1,340	1,340	1,340	1,340
6	1,350	1,350	1,350	1,350	1,350	1,350	1,340	1,330	1,330	1,340	1,340	1,340
7	1,350	1,350	1,350	1,350	1,350	1,350	1,340	1,330	1,330	1,340	1,330	1,330
8	1,350	1,350	1,350	1,350	1,340	1,350	1,340	1,330	1,340	1,340	1,330	1,330
9	1,350	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,330	1,340	1,330	1,330
10	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,340	1,330	1,330
11	1,350	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,340	1,340	1,330	1,330
12	1,350	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,330	1,340	1,330	1,340
13	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,330	1,330	1,340	1,330	1,340
14	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,340	1,330	1,340
15	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,340	1,330	1,340
16	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,340	1,340	1,330	1,330
17	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,330	1,330
18	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,330	1,330
19	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,330	1,330	1,330	1,330	1,330
20	1,350	1,350	1,350	1,340	1,340	1,340	1,330	1,330	1,330	1,330	1,330	1,330
21	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,330	1,330
22	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,330	1,330
23	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,320	1,330
24	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,320	1,320
25	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,330	1,330	1,320	1,320
26	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,330	1,340	1,330	1,320	1,320
27	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,340	1,340	1,330	1,320	1,320
28	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,340	1,340	1,320	1,320	1,320
29	1,350	1,350	1,350	1,340	1,340	1,340	1,340	1,340	1,340	1,320	1,320	1,320
30	1,350	1,340	1,340	1,340	1,330	1,340	1,340	1,330	1,340	1,320	1,320	1,320
31	---	---	---	1,340	1,340	1,340	1,340	1,330	1,330	---	---	---
Month	1,350	1,340	1,350	1,350	1,330	1,340	1,340	1,330	1,330	1,340	1,320	1,330

	Max	Min	Mean
Year	1,410	1,320	1,360