

Water-Data Report 2008

344139077211207 Local number ON-267, NCDENR Hadnot Point Research Station X24s7, at Camp Lejeune, NC (Surficial)

Surficial aquifer system
Post Miocene (Quaternary + Pliocene) Rocks

Onslow County, NC

LOCATION.--Lat 34°41'36", long 77°21'06" 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 40 ft, diameter 4 in., cased to 30 ft, screened interval from 30 ft to 40 ft.

DATUM.--Land-surface datum is 25.15 ft above North American Vertical Datum of 1988. Measuring point: top of well casing, 0.76 ft above land-surface datum, November 1, 1977 to present.

PERIOD OF RECORD.--February 1988 to July 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.

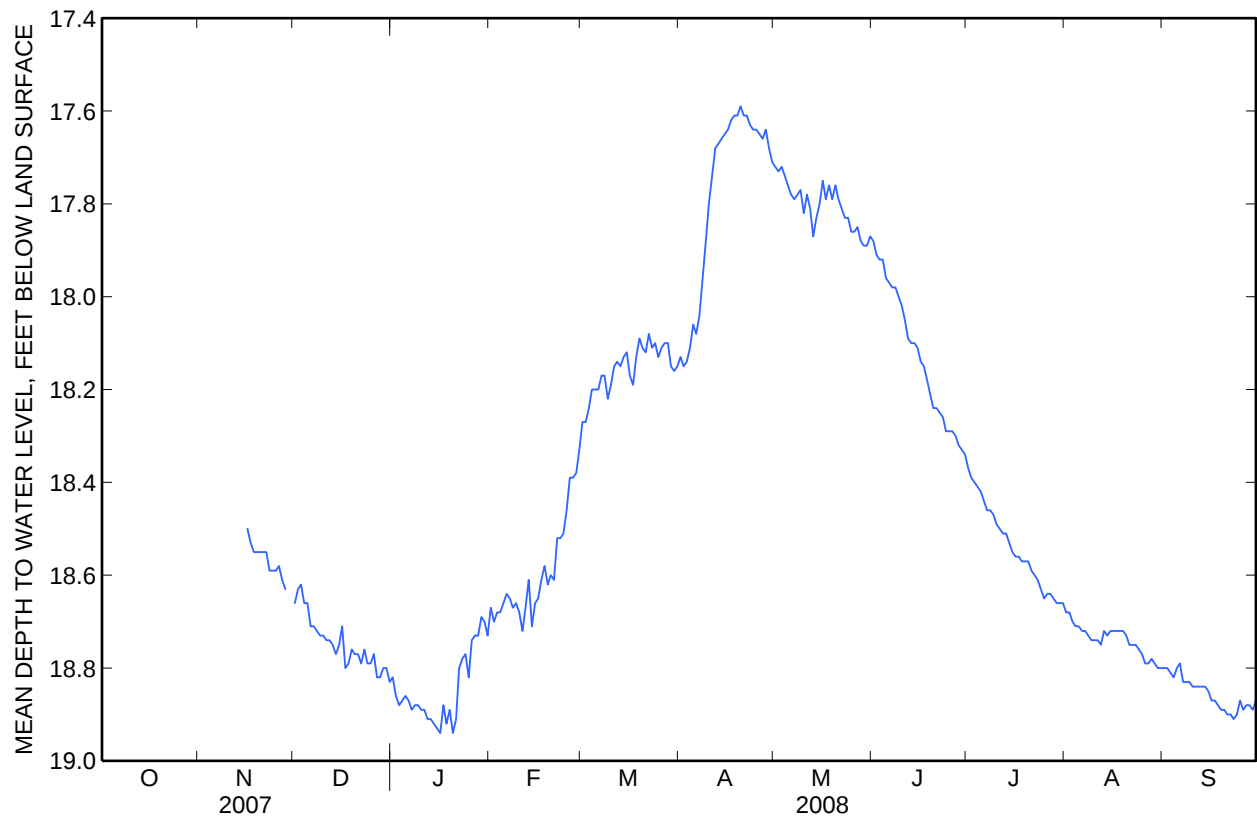
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.35 ft below land-surface datum, October 18, 1996; lowest water level recorded, 20.26 ft below land-surface datum, January 5, 6, 1991.

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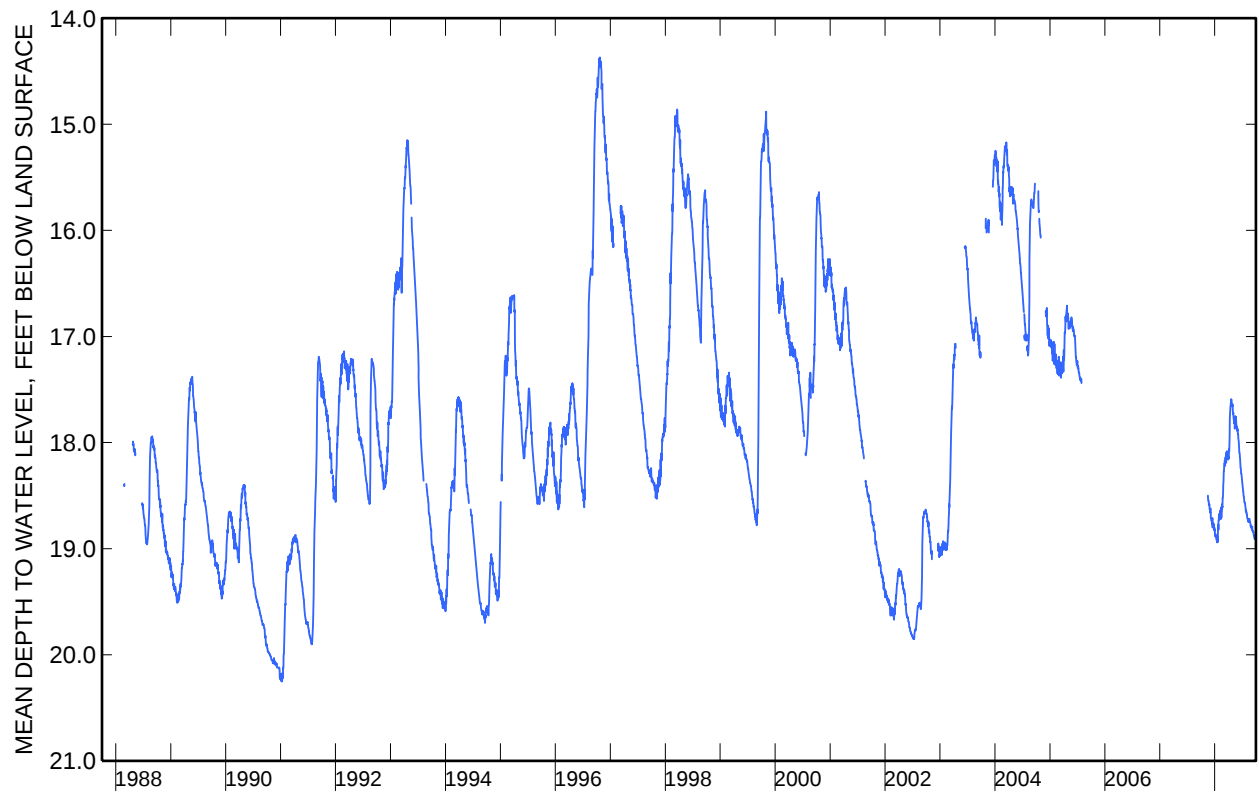
DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	18.66	18.82	18.67	18.27	18.13	17.72	17.88	18.37	18.68	18.80
2	---	---	18.63	18.86	18.70	18.27	18.15	17.73	17.91	18.39	18.68	18.80
3	---	---	18.62	18.88	18.68	18.24	18.14	17.72	17.92	18.40	18.70	18.81
4	---	---	18.66	18.87	18.68	18.20	18.11	17.74	17.92	18.41	18.71	18.82
5	---	---	18.66	18.86	18.66	18.20	18.06	17.76	17.96	18.42	18.71	18.80
6	---	---	18.71	18.87	18.64	18.20	18.08	17.78	17.97	18.44	18.72	18.79
7	---	---	18.71	18.89	18.65	18.17	18.04	17.79	17.98	18.46	18.72	18.83
8	---	---	18.72	18.88	18.67	18.17	17.96	17.78	17.98	18.46	18.73	18.83
9	---	---	18.73	18.88	18.66	18.22	17.88	17.77	18.00	18.47	18.74	18.83
10	---	---	18.73	18.89	18.68	18.19	17.80	17.82	18.02	18.49	18.74	18.84
11	---	---	18.74	18.89	18.72	18.15	17.74	17.78	18.05	18.50	18.74	18.84
12	---	---	18.74	18.91	18.67	18.14	17.68	17.81	18.09	18.51	18.75	18.84
13	---	---	18.75	18.91	18.61	18.15	17.67	17.87	18.10	18.51	18.72	18.84
14	---	---	18.77	18.92	18.71	18.13	17.66	17.83	18.10	18.53	18.73	18.84
15	---	---	18.75	18.93	18.66	18.12	17.65	17.80	18.11	18.55	18.72	18.85
16	---	18.50	18.71	18.94	18.65	18.17	17.64	17.75	18.14	18.56	18.72	18.87
17	---	18.53	18.80	18.88	18.61	18.19	17.62	17.79	18.15	18.56	18.72	18.87
18	---	18.55	18.79	18.92	18.58	18.13	17.61	17.76	18.18	18.57	18.72	18.88
19	---	18.55	18.76	18.89	18.62	18.09	17.61	17.79	18.21	18.57	18.72	18.89
20	---	18.55	18.77	18.94	18.60	18.11	17.59	17.76	18.24	18.57	18.73	18.89
21	---	18.55	18.77	18.91	18.61	18.12	17.61	17.79	18.24	18.59	18.75	18.90
22	---	18.55	18.79	18.80	18.52	18.08	17.61	17.81	18.25	18.60	18.75	18.90
23	---	18.59	18.76	18.78	18.52	18.11	17.63	17.83	18.26	18.61	18.75	18.91
24	---	18.59	18.79	18.77	18.51	18.10	17.64	17.83	18.29	18.63	18.76	18.90
25	---	18.59	18.79	18.82	18.46	18.13	17.64	17.86	18.29	18.65	18.77	18.87
26	---	18.58	18.77	18.74	18.39	18.11	17.65	17.86	18.29	18.64	18.79	18.89
27	---	18.61	18.82	18.73	18.39	18.10	17.66	17.85	18.30	18.64	18.79	18.88
28	---	18.63	18.82	18.73	18.38	18.10	17.64	17.88	18.32	18.65	18.78	18.88
29	---	---	18.80	18.69	18.33	18.15	17.68	17.89	18.33	18.66	18.79	18.89
30	---	---	18.80	18.70	---	18.16	17.71	17.89	18.34	18.66	18.80	18.87
31	---	---	18.83	18.73	---	18.15	---	17.87	---	18.66	18.80	---
Mean	---	---	18.75	18.85	18.59	18.16	17.78	17.80	18.13	18.54	18.74	18.86
Max	---	---	18.83	18.94	18.72	18.27	18.15	17.89	18.34	18.66	18.80	18.91
Min	---	---	18.62	18.69	18.33	18.08	17.59	17.72	17.88	18.37	18.68	18.79

344139077211207 Local number ON-267, NCDENR Hadnot Point Research Station X24s7, at Camp Lejeune, NC (Surficial)—Continued



344139077211207 Local number ON-267, NCDENR Hadnot Point Research Station X24s7, at Camp Lejeune, NC (Surficial)—Continued



344139077211207 Local number ON-267, NCDENR Hadnot Point Research Station X24s7, at Camp Lejeune, NC (Surficial)—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, 219 microsiemens, on many days during the period; minimum recorded, 152 microsiemens, March 18, 19.

WATER TEMPERATURE: Maximum recorded, 18.9°C, on several days during the period; minimum recorded, 18.1°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	---	---	---	---	---	---	18.5	18.5	18.5	18.7	18.7	18.7
2	---	---	---	---	---	---	18.5	18.5	18.5	18.7	18.7	18.7
3	---	---	---	---	---	---	18.6	18.5	18.5	18.7	18.7	18.7
4	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.7	18.7
5	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.7	18.7
6	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8
7	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8
8	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8
9	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8
10	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8
11	---	---	---	---	---	---	18.6	18.6	18.6	18.8	18.8	18.8
12	---	---	---	---	---	---	18.6	18.6	18.6	18.9	18.8	18.9
13	---	---	---	---	---	---	18.6	18.6	18.6	18.9	18.9	18.9
14	---	---	---	---	---	---	18.6	18.6	18.6	18.9	18.9	18.9
15	---	---	---	---	---	---	18.7	18.6	18.6	18.9	18.9	18.9
16	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
17	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
18	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
19	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
20	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
21	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
22	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
23	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
24	---	---	---	18.4	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
25	---	---	---	18.5	18.4	18.4	18.7	18.7	18.7	18.9	18.9	18.9
26	---	---	---	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.9	18.9
27	---	---	---	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.9	18.9
28	---	---	---	18.5	18.5	18.5	18.7	18.7	18.7	18.9	18.9	18.9
29	---	---	---	---	---	---	18.7	18.7	18.7	18.9	18.9	18.9
30	---	---	---	---	---	---	18.7	18.7	18.7	18.9	18.9	18.9
31	---	---	---	---	---	---	18.7	18.7	18.7	18.9	18.8	18.9
Month	---	---	---	---	---	---	18.7	18.5	18.6	18.9	18.7	18.8

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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	18.8	18.8	18.8	18.6	18.5	18.5	18.4	18.4	18.4
2	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.4	18.4
3	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.4	18.4
4	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.4	18.4
5	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.4	18.4
6	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.3	18.4
7	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.3	18.4
8	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.3	18.3
9	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.3	18.3
10	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.4	18.3	18.3
11	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.3	18.3	18.3
12	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.3	18.3	18.3
13	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.3	18.3	18.3
14	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.3	18.3	18.3
15	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.5	18.5	18.3	18.3	18.3
16	18.8	18.8	18.8	18.8	18.8	18.8	18.5	18.4	18.5	18.3	18.3	18.3
17	18.8	18.8	18.8	18.8	18.7	18.8	18.5	18.4	18.5	18.3	18.3	18.3
18	18.8	18.8	18.8	18.7	18.7	18.7	18.5	18.4	18.4	18.3	18.3	18.3
19	18.8	18.8	18.8	18.7	18.7	18.7	18.5	18.4	18.4	18.3	18.3	18.3
20	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	18.3	18.3	18.3
21	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	---	---	---
22	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	18.2	18.2	18.2
23	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	18.2	18.2	18.2
24	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	18.2	18.2	18.2
25	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	18.2	18.2	18.2
26	18.8	18.8	18.8	18.7	18.7	18.7	18.4	18.4	18.4	18.2	18.1	18.2
27	18.8	18.8	18.8	18.7	18.6	18.6	18.4	18.4	18.4	18.2	18.1	18.2
28	18.8	18.8	18.8	18.6	18.6	18.6	18.4	18.4	18.4	18.2	18.1	18.1
29	18.8	18.8	18.8	18.6	18.6	18.6	18.4	18.4	18.4	18.2	18.1	18.1
30	---	---	---	18.6	18.6	18.6	18.4	18.4	18.4	18.2	18.1	18.1
31	---	---	---	18.6	18.5	18.6	---	---	---	18.1	18.1	18.1
Month	18.8	18.8	18.8	18.8	18.5	18.7	18.6	18.4	18.5	---	---	---

344139077211207 Local number ON-267, NCDENR Hadnot Point Research Station X24s7, at Camp Lejeune, NC (Surficial)—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	18.1	18.1	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2
2	18.1	18.1	18.1	18.2	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2
3	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
4	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
5	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
6	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
7	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
8	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
9	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
10	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
11	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
12	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
13	18.1	18.1	18.1	18.2	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2
14	18.1	18.1	18.1	18.2	18.1	18.2	18.3	18.2	18.2	18.2	18.2	18.2
15	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.2	18.2
16	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
17	18.1	18.1	18.1	18.2	18.1	18.2	18.2	18.2	18.2	18.3	18.3	18.3
18	18.1	18.1	18.1	18.2	18.1	18.2	18.2	18.2	18.2	18.3	18.3	18.3
19	18.1	18.1	18.1	18.2	18.1	18.2	18.2	18.2	18.2	18.3	18.3	18.3
20	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
21	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
22	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
23	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
24	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
25	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
26	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
27	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3
28	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.2	18.2
29	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
30	18.1	18.1	18.1	18.2	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2
31	---	---	---	18.2	18.2	18.2	18.2	18.2	18.2	---	---	---
Month	18.1	18.1	18.1	18.2	18.1	18.2	18.3	18.2	18.2	18.3	18.2	18.2

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**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	---	---	---	---	---	---	219	218	218	219	218	218
2	---	---	---	---	---	---	219	218	219	219	218	218
3	---	---	---	---	---	---	219	218	218	218	218	218
4	---	---	---	---	---	---	219	218	218	218	217	218
5	---	---	---	---	---	---	219	218	218	218	217	218
6	---	---	---	---	---	---	219	218	218	218	217	218
7	---	---	---	---	---	---	219	218	219	218	218	218
8	---	---	---	---	---	---	219	218	218	218	218	218
9	---	---	---	---	---	---	219	218	219	218	218	218
10	---	---	---	---	---	---	219	218	218	218	217	217
11	---	---	---	---	---	---	219	218	219	218	217	217
12	---	---	---	---	---	---	219	218	218	218	216	217
13	---	---	---	---	---	---	219	218	219	217	216	216
14	---	---	---	---	---	---	219	218	218	217	216	216
15	---	---	---	---	---	---	219	218	218	216	216	216
16	---	---	---	218	216	217	219	218	218	216	215	216
17	---	---	---	217	216	217	219	218	219	216	215	215
18	---	---	---	218	217	217	219	218	218	216	215	215
19	---	---	---	218	217	218	219	218	219	216	215	215
20	---	---	---	219	218	218	219	218	218	216	215	215
21	---	---	---	219	218	219	219	218	218	215	215	215
22	---	---	---	219	218	219	219	218	219	216	215	215
23	---	---	---	219	218	218	219	218	218	216	215	215
24	---	---	---	219	218	218	219	218	218	215	215	215
25	---	---	---	219	218	218	219	218	218	215	214	215
26	---	---	---	219	218	219	219	218	218	215	214	215
27	---	---	---	219	218	218	219	218	219	215	214	214
28	---	---	---	219	218	219	219	218	219	215	214	214
29	---	---	---	---	---	---	219	218	219	215	213	214
30	---	---	---	---	---	---	219	218	219	214	213	213
31	---	---	---	---	---	---	219	218	219	---	---	---
Month	---	---	---	---	---	---	219	218	218	---	---	---

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**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	215	214	214	208	207	208	158	157	157	166	166	166
2	215	214	215	208	207	208	158	157	158	167	166	167
3	215	215	215	208	207	207	158	157	158	167	166	167
4	215	214	215	207	206	207	158	157	158	167	166	167
5	215	214	215	207	206	206	159	158	158	167	167	167
6	215	213	214	207	206	206	159	158	158	168	167	167
7	214	213	213	207	206	206	159	158	158	168	167	167
8	214	213	213	206	206	206	159	158	159	168	167	168
9	213	212	213	207	206	206	160	159	159	168	168	168
10	213	212	212	206	206	206	160	159	159	168	168	168
11	212	211	212	206	200	204	160	159	160	169	168	168
12	212	211	211	200	195	197	161	160	160	169	168	168
13	211	211	211	196	193	195	161	160	161	168	168	168
14	211	210	211	194	192	193	162	161	161	168	168	168
15	211	210	210	192	189	191	162	161	161	168	168	168
16	211	210	210	190	186	188	162	161	162	168	167	168
17	211	210	210	186	185	186	163	162	162	168	167	168
18	210	210	210	185	152	159	163	162	163	168	167	168
19	210	209	210	153	152	152	163	162	163	168	167	168
20	210	209	209	153	153	153	164	163	163	168	168	168
21	209	208	209	154	153	153	164	163	164	168	167	168
22	209	208	208	154	153	154	164	163	164	168	167	168
23	209	208	209	155	154	154	165	164	164	169	168	168
24	209	208	208	155	154	155	165	164	165	169	168	169
25	209	208	208	155	155	155	165	164	165	169	168	168
26	209	208	208	156	155	155	165	165	165	169	168	168
27	209	208	208	156	155	156	166	165	165	169	168	169
28	208	208	208	157	156	156	166	165	165	169	169	169
29	208	208	208	157	156	156	166	165	166	169	169	169
30	---	---	---	157	156	157	166	166	166	170	169	169
31	---	---	---	157	156	157	---	---	---	170	169	170
Month	215	208	211	208	152	180	166	157	162	170	166	168

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**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	170	169	170	180	179	180	191	190	190	206	205	205
2	170	169	170	180	179	180	191	190	191	206	205	206
3	170	170	170	181	180	180	192	191	191	207	206	206
4	171	170	170	181	180	181	192	191	192	207	206	207
5	171	170	170	181	181	181	193	192	192	208	207	207
6	171	170	170	182	181	181	193	192	193	208	207	208
7	171	170	171	182	181	182	194	193	193	209	208	208
8	172	171	171	183	182	182	194	193	194	209	208	209
9	172	171	171	183	182	183	195	194	194	210	209	209
10	172	171	172	183	182	183	195	194	194	210	209	210
11	172	171	172	184	183	183	196	195	195	211	210	210
12	173	172	172	184	183	184	196	195	196	211	210	210
13	173	172	172	184	183	184	197	196	196	211	211	211
14	173	173	173	185	184	184	197	196	196	212	211	212
15	174	173	173	185	184	185	197	196	197	212	211	212
16	174	173	174	185	184	185	198	197	197	212	212	212
17	175	174	174	186	185	185	198	197	198	213	212	212
18	175	174	174	186	185	185	199	198	198	213	212	213
19	175	174	175	186	185	186	199	198	199	213	213	213
20	175	175	175	186	186	186	200	199	199	214	213	213
21	176	175	175	187	186	186	201	200	200	214	213	213
22	176	175	176	187	186	186	201	200	201	215	214	214
23	177	176	176	187	186	187	201	201	201	215	214	214
24	177	176	177	188	187	187	202	201	201	215	214	215
25	178	177	177	188	187	188	203	200	202	215	214	215
26	178	177	177	189	188	188	202	200	201	216	215	215
27	178	177	178	189	188	188	202	201	202	216	215	216
28	179	178	178	189	188	189	203	202	203	216	215	216
29	179	178	179	190	189	189	204	203	203	216	216	216
30	180	179	179	190	189	190	204	203	203	217	216	216
31	---	---	---	191	190	190	205	204	205	---	---	---
Month	180	169	174	191	179	185	205	190	197	217	205	211