

Water-Data Report 2010

**01194796 CONNECTICUT RIVER AT OLD LYME, CT**

Lower Connecticut Basin  
Lower Connecticut Subbasin

LOCATION.--Lat 41°18'45", long 72°20'47" referenced to North American Datum of 1927, New London County, CT, Hydrologic Unit 01080205, on left bank at Connecticut Department of Environmental Protection Marine Headquarters boat dock gas house, 1,000 ft upstream from railroad bridge, near mouth of Connecticut River.

DRAINAGE AREA.--11,224 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--June 1998 to current year.

GAGE.--Water-stage recorder. Datum of gage is National Geodetic Vertical Datum of 1929. From February 1978 to June 1998, at site in jetty lighthouse at the mouth of the Connecticut River, at datum 4.56 ft below NGVD of 1929. Prior to Feb. 1978, at site at Lynde Point, at datum 9.68 ft below NGVD of 1929. Telephone telemetry at station.

REMARKS.--Stage data in feet at 5-minute intervals available upon request.

EXTREMES FOR CURRENT YEAR.--Maximum tidal elevation recorded, 4.72 ft, Mar. 13; minimum recorded, -2.39 ft, Dec. 29.

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	October		November		December		January		February		March	
<b>1</b>	2.74	-0.49	2.97	-0.69	3.57	-0.78	3.88	-0.62	2.90	-1.52	4.22	-0.76
<b>2</b>	2.87	-0.69	4.00	-0.11	3.47	-1.00	4.07	-0.63	2.42	-1.43	4.14	-0.52
<b>3</b>	3.29	-0.50	4.28	-0.21	4.17	-0.90	2.51	-1.64	3.04	-0.83	3.91	-0.27
<b>4</b>	3.28	-0.71	3.24	-0.77	3.46	-0.68	3.15	-0.88	2.82	-1.09	4.32	0.15
<b>5</b>	3.04	-0.94	3.85	-0.42	3.89	-0.03	3.16	-1.15	2.37	-0.95	3.96	0.28
<b>6</b>	3.00	-0.85	3.31	-0.40	3.06	-0.30	2.93	-1.13	3.02	0.10	3.60	-0.13
<b>7</b>	3.53	-1.31	3.11	-0.73	2.99	-0.60	2.71	-1.03	3.21	-0.62	2.78	-0.46
<b>8</b>	2.49	-1.48	2.57	-1.04	2.64	-0.87	2.90	-0.77	2.34	-1.11	2.61	-0.23
<b>9</b>	3.51	-0.25	2.53	-1.00	4.64	0.37	2.48	-0.99	2.17	-1.07	2.35	-0.34
<b>10</b>	2.88	-0.60	2.32	-0.91	3.27	-1.40	2.56	-1.05	3.78	0.08	2.45	-0.31
<b>11</b>	2.61	-1.26	2.90	-0.77	1.03	-2.12	2.46	-1.08	3.65	0.53	2.56	-0.26
<b>12</b>	2.51	-1.12	3.57	-0.14	1.20	-2.28	2.53	-1.21	3.16	-0.37	2.93	-0.08
<b>13</b>	2.80	-1.44	3.99	0.29	2.93	-1.17	2.41	-1.12	3.22	-0.37	4.72	0.27
<b>14</b>	3.12	-1.50	4.57	0.38	3.11	-0.52	2.86	-0.97	2.61	-0.92	4.16	0.85
<b>15</b>	3.46	-0.76	3.59	-0.70	3.42	-0.49	2.62	-1.33	2.55	-1.00	4.11	0.85
<b>16</b>	4.69	0.17	3.18	-0.85	2.23	-1.01	2.31	-1.36	3.52	-0.19	3.85	0.77
<b>17</b>	4.33	-0.05	3.35	-0.64	1.91	-1.55	3.44	-0.49	2.59	-0.77	3.70	0.12
<b>18</b>	4.48	-0.19	3.17	-0.69	2.71	-0.71	3.78	-0.09	2.75	-0.65	3.14	0.01
<b>19</b>	4.02	-0.39	2.70	-0.69	3.46	0.04	3.75	0.05	2.35	-1.02	3.23	0.06
<b>20</b>	3.41	-0.66	3.46	-0.46	3.62	-0.20	2.99	-0.36	2.43	-0.60	3.48	0.13
<b>21</b>	3.07	-0.65	2.67	-0.51	2.47	-0.99	2.50	-0.25	2.28	-0.84	3.00	0.02
<b>22</b>	3.04	-0.38	3.00	0.09	2.15	-0.83	2.57	-0.06	2.43	-0.54	3.05	0.30
<b>23</b>	2.97	-0.31	3.18	0.26	2.01	-0.86	3.27	-0.05	3.29	0.11	3.86	0.70
<b>24</b>	3.43	0.56	2.81	-0.01	2.09	-0.26	2.62	-0.42	4.41	0.51	2.72	0.12
<b>25</b>	2.37	-0.29	3.01	0.47	3.18	-0.15	3.72	0.42	4.69	0.38	3.16	0.44
<b>26</b>	2.41	0.01	3.15	0.11	3.30	0.38	3.38	-0.18	4.58	0.87	3.77	0.58
<b>27</b>	3.06	0.26	3.63	-0.64	4.20	-0.13	3.03	-0.39	4.11	0.08	3.72	0.75
<b>28</b>	3.67	0.68	1.59	-1.83	3.23	-0.37	3.53	-0.17	3.93	-0.16	4.05	0.34
<b>29</b>	4.03	0.78	2.77	-0.90	2.11	-2.39	1.85	-1.97	---	---	4.27	0.67
<b>30</b>	3.45	0.21	3.54	-0.59	2.37	-1.65	2.87	-2.31	---	---	4.69	0.70
<b>31</b>	3.72	0.02	---	---	3.47	-0.98	3.34	-0.99	---	---	4.33	1.03
<b>Month</b>	4.69	-1.50	4.57	-1.83	4.64	-2.39	4.07	-2.31	4.69	-1.52	4.72	-0.76

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**GAGE HEIGHT, FEET**  
**WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010**

Day	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
	April		May		June		July		August		September	
1	4.15	0.88	3.27	-0.59	2.90	-0.42	2.30	-0.72	2.84	-0.37	2.79	-0.24
2	4.17	1.05	3.37	-0.36	2.68	-0.43	2.45	-0.75	2.73	-0.42	2.67	-0.42
3	3.72	0.89	3.05	-0.28	3.00	0.03	2.50	-0.42	2.70	-0.52	3.67	-0.30
4	3.27	0.71	2.64	-0.40	2.92	-0.01	2.65	-0.27	2.82	-0.47	2.86	-0.54
5	2.82	0.58	2.44	-0.36	3.02	0.02	2.84	-0.35	3.08	-0.47	2.81	-1.16
6	2.73	0.53	2.55	-0.31	3.17	-0.26	2.83	-0.38	3.15	-0.45	3.04	-0.97
7	2.89	0.68	2.43	-0.29	2.94	-0.37	2.86	-0.47	3.31	-0.82	3.06	-1.08
8	3.10	0.57	2.98	-0.48	2.95	-0.52	3.08	-0.73	3.39	-0.80	3.43	-1.14
9	2.98	0.54	1.97	-0.82	3.20	-0.70	3.28	-0.86	3.38	-1.03	3.61	-1.17
10	2.24	-0.37	2.72	-1.15	3.46	-0.18	3.36	-0.79	3.49	-1.07	3.75	-0.99
11	2.47	-0.53	2.90	-0.85	3.34	-0.50	3.49	-0.92	3.54	-1.08	3.59	-0.85
12	2.79	-0.52	3.07	-0.80	3.52	-0.86	3.47	-0.96	3.71	-0.95	3.72	-0.52
13	2.73	-0.48	2.83	-0.98	3.61	-0.74	3.50	-1.03	3.71	-0.73	3.44	-0.25
14	2.69	-0.73	3.39	-1.16	3.54	-0.68	3.51	-1.00	3.30	-0.89	3.31	-0.40
15	3.44	-1.03	3.07	-0.94	3.54	-0.84	3.27	-0.96	3.32	-0.64	2.60	-0.64
16	3.93	-0.47	3.05	-1.03	3.06	-1.12	3.45	-0.86	3.14	-0.57	2.87	-0.39
17	3.96	-0.03	2.95	-1.14	3.17	-0.74	3.35	-0.71	2.94	-0.58	2.49	-0.32
18	3.47	-0.35	3.10	-0.81	3.14	-0.76	3.38	-0.57	2.77	-0.54	2.66	-0.27
19	3.30	-0.41	3.79	-0.34	3.13	-0.82	3.41	-0.48	2.95	-0.58	2.61	-0.30
20	2.78	-0.43	2.85	-0.69	3.34	-0.64	3.08	-0.50	2.85	-0.43	2.71	-0.31
21	2.85	-0.38	2.88	-0.92	3.17	-0.66	3.30	-0.59	2.94	-0.43	3.03	-0.32
22	3.15	-0.21	2.98	-0.82	3.27	-0.78	2.82	-0.67	3.71	-0.41	2.31	-0.77
23	3.17	-0.51	2.91	-0.81	3.27	-0.71	3.20	-0.79	3.42	0.19	2.85	-0.80
24	3.34	-0.53	2.90	-1.11	3.17	-0.73	3.22	-0.53	3.57	0.21	2.87	-0.50
25	3.92	-0.45	3.17	-1.22	3.06	-0.91	2.92	-0.39	3.27	-0.11	2.95	-0.63
26	4.30	-0.13	3.47	-1.12	3.17	-0.80	2.55	-0.85	3.00	-0.38	3.15	-0.44
27	4.03	0.03	3.52	-0.56	3.29	-0.65	2.54	-1.05	2.70	-0.64	3.20	-0.13
28	3.28	-0.86	3.30	-0.78	3.26	-0.37	2.73	-0.80	2.78	-0.55	3.50	-0.07
29	3.44	-1.02	3.13	-0.81	3.02	-0.56	2.61	-0.73	2.77	-0.53	2.93	-0.39
30	3.35	-0.78	3.10	-0.77	2.60	-0.68	2.89	-0.65	2.67	-0.38	3.24	0.10
31	---	---	3.00	-0.73	---	---	2.80	-0.39	2.80	-0.33	---	---
Month	4.30	-1.03	3.79	-1.22	3.61	-1.12	3.51	-1.05	3.71	-1.08	3.75	-1.17

	Max	Min
Year	4.72	-2.39

01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**WATER-QUALITY RECORDS**

PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: May 13, 2009 to Sep. 30, 2010.

WATER TEMPERATURE: May 13, 2009 to Sep. 30, 2010.

INSTRUMENTATION.--Water-quality monitors May 13, 2009 to Sep. 30, 2010. Two monitors at station, one is near the top of the river (called "top"), the other is near the bottom of the river (called "bottom").

EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE (top): Maximum, 46,300 microsiemens, Sep. 11, 2010; minimum, 79 microsiemens, Mar. 31, 2010.

SPECIFIC CONDUCTANCE (bottom): Maximum, 46,600 microsiemens, Sep. 12, 2010; minimum, 79 microsiemens, Mar. 26, 31, 2010 and Apr. 2, 2010.

WATER TEMPERATURE (top): Maximum, 28.8 °C, July 18, 2010; minimum, 0.0 °C, numerous days.

WATER TEMPERATURE (bottom): Maximum, 28.2 °C, July 25, 2010; minimum, 0.0 °C, numerous days.

**TEMPERATURE, WATER (TOP), DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

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

01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

TEMPERATURE, WATER (TOP), DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	16.1	15.5	15.9
15	---	---	---	---	---	---	---	---	---	17.4	15.3	16.3
16	---	---	---	---	---	---	---	---	---	17.2	16.3	16.7
17	---	---	---	---	---	---	---	---	---	16.7	15.5	16.2
18	---	---	---	---	---	---	---	---	---	16.0	13.9	15.4
19	---	---	---	---	---	---	---	---	---	16.6	15.1	15.7
20	---	---	---	---	---	---	---	---	---	17.3	15.5	16.2
21	---	---	---	---	---	---	---	---	---	18.6	14.8	16.9
22	---	---	---	---	---	---	---	---	---	19.1	13.1	17.2
23	---	---	---	---	---	---	---	---	---	18.8	12.3	17.2
24	---	---	---	---	---	---	---	---	---	19.7	12.4	17.6
25	---	---	---	---	---	---	---	---	---	20.4	12.8	18.6
26	---	---	---	---	---	---	---	---	---	19.6	12.9	18.0
27	---	---	---	---	---	---	---	---	---	19.1	12.8	17.5
28	---	---	---	---	---	---	---	---	---	18.9	12.3	17.1
29	---	---	---	---	---	---	---	---	---	18.9	12.3	17.3
30	---	---	---	---	---	---	---	---	---	19.6	15.3	18.6
31	---	---	---	---	---	---	---	---	---	19.3	16.8	18.5
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

TEMPERATURE, WATER (TOP), DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	18.9	16.8	18.2	23.1	18.0	22.5	24.6	23.3	24.0	22.1	21.2	21.6
2	19.1	14.4	18.1	23.9	22.2	23.0	23.4	22.5	22.9	22.5	21.1	21.6
3	18.8	14.3	18.0	23.6	22.3	23.0	23.1	22.0	22.4	22.3	20.9	21.5
4	18.7	14.2	17.7	22.9	21.8	22.3	23.4	21.8	22.6	22.6	20.8	21.5
5	18.0	13.2	17.2	22.5	21.4	21.8	24.1	22.6	23.3	23.2	21.0	22.0
6	19.4	14.5	17.5	22.8	21.2	21.7	23.2	22.7	22.9	22.8	21.0	22.0
7	20.5	14.7	18.3	22.0	20.9	21.4	23.7	22.3	22.9	22.6	20.4	21.7
8	20.6	14.8	18.8	22.4	20.7	21.4	23.7	22.0	22.8	22.6	20.7	21.7
9	19.7	14.4	18.4	21.3	20.6	20.9	23.1	21.3	22.5	22.0	20.7	21.6
10	19.2	14.4	18.2	22.0	20.1	21.0	24.4	21.1	23.0	21.7	20.2	21.1
11	19.4	14.4	18.1	22.0	20.3	21.1	25.2	21.5	23.7	21.2	19.6	20.5
12	20.2	14.9	18.8	22.7	20.7	21.6	24.1	21.5	23.7	21.2	20.1	20.6
13	20.2	17.0	19.6	22.3	19.8	21.6	24.1	21.5	23.6	21.7	20.2	21.0
14	20.7	19.0	20.0	22.8	21.3	22.1	24.6	22.3	23.8	22.0	20.6	21.2
15	20.9	19.6	20.3	22.8	20.7	22.3	25.0	21.7	24.2	22.0	20.7	21.4
16	20.8	19.4	20.4	22.8	19.2	22.2	25.4	22.1	24.5	21.5	19.7	20.9
17	20.9	18.0	20.0	23.7	19.2	22.4	26.5	21.7	24.9	20.4	19.2	20.0
18	20.0	16.3	19.2	24.3	19.4	23.0	27.0	22.0	25.5	20.5	18.9	19.7
19	20.4	17.8	19.4	24.8	19.4	23.5	27.3	21.8	25.7	20.2	19.0	19.6
20	20.1	18.4	19.6	24.7	19.3	23.5	27.6	21.4	25.7	20.3	18.6	19.4
21	19.6	17.1	19.1	23.8	18.9	23.1	28.1	21.7	26.0	20.8	18.7	19.7
22	19.1	16.0	18.6	24.5	19.6	23.5	28.0	22.4	26.5	20.6	19.3	20.0
23	19.5	15.8	18.8	23.3	19.5	22.7	27.8	22.6	26.6	21.0	19.8	20.3
24	19.8	15.8	19.1	23.3	18.8	22.1	27.9	25.8	27.2	21.3	20.3	20.7
25	21.0	15.9	19.6	23.9	22.1	22.7	27.3	24.6	26.7	20.7	19.5	20.2
26	20.9	16.6	19.8	23.6	22.2	22.8	26.8	24.7	26.3	20.2	18.6	19.6
27	22.0	17.6	20.5	24.1	22.7	23.3	26.4	22.9	25.7	19.6	19.1	19.3
28	22.0	17.1	20.9	24.6	22.9	23.6	25.8	22.1	24.8	20.4	19.0	19.7
29	22.7	18.0	21.4	24.7	23.1	24.0	24.6	22.1	23.9	19.9	19.0	19.6
30	23.5	18.0	22.1	25.2	22.4	24.2	24.2	22.8	23.7	19.6	19.0	19.4
31	---	---	---	24.9	24.0	24.5	23.5	21.8	22.8	---	---	---
Month	23.5	13.2	19.2	25.2	18.0	22.5	28.1	21.1	24.3	23.2	18.6	20.6

01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

SPECIFIC CONDUCTANCE, WATER (TOP), UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009

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

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**SPECIFIC CONDUCTANCE, WATER (TOP), UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	518	120	176
15	---	---	---	---	---	---	---	---	---	562	121	211
16	---	---	---	---	---	---	---	---	---	6,110	132	703
17	---	---	---	---	---	---	---	---	---	5,830	141	829
18	---	---	---	---	---	---	---	---	---	16,200	213	2,030
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	20,400	168	1,770
22	---	---	---	---	---	---	---	---	---	36,100	211	4,780
23	---	---	---	---	---	---	---	---	---	43,800	197	9,570
24	---	---	---	---	---	---	---	---	---	43,600	205	7,740
25	---	---	---	---	---	---	---	---	---	43,700	234	7,260
26	---	---	---	---	---	---	---	---	---	42,900	1,070	10,900
27	---	---	---	---	---	---	---	---	---	42,400	1,440	11,100
28	---	---	---	---	---	---	---	---	---	44,000	1,790	13,000
29	---	---	---	---	---	---	---	---	---	44,100	499	11,600
30	---	---	---	---	---	---	---	---	---	27,500	211	3,730
31	---	---	---	---	---	---	---	---	---	17,400	219	1,860
Month	---	---	---	---	---	---	---	---	---	---	---	---

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**SPECIFIC CONDUCTANCE, WATER (TOP), UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS  
WATER YEAR OCTOBER 2008 TO SEPTEMBER 2009**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
<b>1</b>	16,400	179	1,270	39,900	223	4,250	170	107	131	23,700	265	2,700
<b>2</b>	34,900	173	3,680	10,600	193	1,140	114	102	109	30,100	309	4,150
<b>3</b>	35,300	219	4,340	929	145	304	107	101	104	30,400	1,260	6,850
<b>4</b>	38,100	184	5,410	636	141	199	292	101	110	32,200	1,780	9,150
<b>5</b>	43,300	604	8,590	833	135	223	322	106	124	38,500	2,100	11,800
<b>6</b>	39,600	1,670	9,530	2,490	134	371	791	92	188	41,900	2,970	14,700
<b>7</b>	42,000	2,010	10,100	926	119	271	1,670	113	351	41,000	4,340	14,900
<b>8</b>	43,300	2,630	12,400	954	113	207	9,950	119	1,260	42,800	4,190	15,400
<b>9</b>	43,300	2,480	13,800	668	123	244	23,300	157	2,890	42,400	6,890	18,800
<b>10</b>	41,400	2,050	11,000	665	119	228	29,400	195	3,540	44,400	5,820	19,100
<b>11</b>	40,400	2,500	12,100	2,040	120	350	33,900	290	5,680	41,800	5,260	17,000
<b>12</b>	38,000	1,470	9,130	7,720	119	721	37,100	406	5,590	41,000	3,990	14,100
<b>13</b>	24,100	244	4,250	30,900	128	2,700	31,700	207	3,930	42,800	6,520	17,300
<b>14</b>	11,200	244	1,630	12,900	130	1,280	29,000	195	3,480	41,000	6,730	18,400
<b>15</b>	3,400	192	576	22,400	143	2,360	37,100	166	4,480	43,500	3,620	16,400
<b>16</b>	11,700	199	894	38,600	207	5,510	36,500	188	5,420	42,500	5,470	19,500
<b>17</b>	22,700	180	2,140	41,400	230	6,390	41,900	563	8,400	43,000	5,890	19,600
<b>18</b>	35,200	185	3,380	41,000	573	7,020	41,400	529	8,330	43,500	4,040	16,500
<b>19</b>	21,300	167	1,660	41,500	249	6,030	43,200	270	9,250	44,600	3,640	16,800
<b>20</b>	9,560	150	1,030	43,100	220	7,430	44,500	1,100	13,500	45,400	6,810	21,200
<b>21</b>	24,500	129	1,740	43,000	220	7,050	44,500	2,080	15,200	44,900	6,310	20,200
<b>22</b>	38,000	135	3,330	40,900	165	3,460	42,900	982	12,600	44,800	6,720	20,700
<b>23</b>	41,400	152	3,410	35,200	199	5,760	41,600	249	9,810	41,600	3,650	14,700
<b>24</b>	41,400	151	3,380	42,200	172	4,340	15,300	196	1,610	39,500	6,330	15,800
<b>25</b>	41,800	183	4,760	3,700	143	492	24,200	231	2,830	39,900	8,460	18,800
<b>26</b>	40,500	195	8,000	2,340	143	369	21,300	187	2,640	37,400	11,700	20,500
<b>27</b>	37,800	177	6,340	2,290	133	297	33,800	819	6,580	39,900	12,400	20,400
<b>28</b>	42,000	208	7,430	2,620	128	325	38,400	2,000	9,860	35,300	5,460	13,200
<b>29</b>	38,800	390	7,670	13,500	133	1,380	33,900	5,320	10,800	23,500	4,060	9,100
<b>30</b>	42,500	279	6,610	22,600	189	1,940	19,800	1,240	5,060	---	---	---
<b>31</b>	---	---	---	1,640	163	365	17,300	313	1,700	---	---	---
<b>Month</b>	43,300	129	5,650	43,100	113	2,360	44,500	92	5,020	---	---	---

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

TEMPERATURE, WATER (BOTTOM), 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		
<b>1</b>	19.1	18.3	18.6	13.8	10.9	11.8	10.7	7.0	8.0	5.3	0.0	1.7
<b>2</b>	18.3	17.6	17.9	13.6	10.4	11.7	10.4	6.6	7.7	5.3	0.0	1.6
<b>3</b>	18.4	17.4	17.8	13.4	10.6	11.6	10.4	7.0	8.4	4.2	0.0	1.2
<b>4</b>	19.1	17.5	18.2	13.3	10.0	11.2	10.7	7.6	8.2	4.1	0.0	1.7
<b>5</b>	19.0	17.1	18.0	13.4	10.1	11.3	10.5	6.5	7.6	4.2	0.0	1.9
<b>6</b>	18.4	16.4	17.3	13.1	9.5	10.9	8.2	5.5	5.9	4.1	0.0	2.1
<b>7</b>	18.1	16.5	17.3	12.7	8.9	10.4	8.2	5.1	5.5	4.0	0.1	2.2
<b>8</b>	17.8	15.8	16.9	12.7	9.0	10.4	9.6	4.5	5.4	4.2	0.1	2.5
<b>9</b>	17.6	16.1	17.0	13.1	9.0	10.8	9.8	4.3	6.4	3.9	0.2	2.5
<b>10</b>	17.6	15.8	16.7	13.0	9.4	10.9	9.3	3.4	4.8	3.7	0.5	2.7
<b>11</b>	17.4	15.2	16.4	13.0	9.6	11.5	3.4	1.5	2.6	3.4	0.7	2.5
<b>12</b>	16.9	14.8	16.0	12.5	9.6	11.2	7.8	1.2	3.1	3.4	0.3	2.1
<b>13</b>	16.4	14.2	15.6	12.3	9.4	10.9	7.9	1.3	3.5	3.3	0.0	2.2
<b>14</b>	16.2	14.1	15.2	12.7	9.6	11.0	8.2	1.5	3.5	3.3	0.7	2.3
<b>15</b>	15.7	13.2	14.4	12.8	9.5	10.8	8.0	2.0	3.8	3.3	0.2	1.7
<b>16</b>	14.9	12.4	13.9	12.5	9.3	10.4	7.9	1.8	3.7	3.4	0.1	1.8
<b>17</b>	14.6	11.8	13.0	12.2	9.2	10.0	7.7	0.6	2.5	3.6	0.6	2.4
<b>18</b>	14.6	11.0	12.5	11.9	8.7	9.7	7.0	0.2	2.8	3.9	0.4	2.7
<b>19</b>	14.0	10.3	12.0	11.8	8.4	9.4	6.9	0.3	3.4	3.8	0.2	2.3
<b>20</b>	14.2	9.8	12.0	12.1	8.7	10.0	6.7	0.0	3.5	3.6	0.1	1.7
<b>21</b>	14.4	10.3	12.5	11.9	8.2	9.5	6.2	0.0	3.3	3.6	0.5	2.3
<b>22</b>	14.6	10.9	13.2	11.8	7.9	9.3	6.2	0.2	4.0	3.7	1.1	2.8
<b>23</b>	14.8	11.4	13.8	11.6	7.9	9.2	6.0	0.4	4.2	3.7	1.4	2.8
<b>24</b>	14.1	12.5	13.5	11.6	7.7	9.1	5.8	3.1	5.0	3.6	1.4	2.7
<b>25</b>	14.7	12.0	12.9	11.7	7.8	9.4	6.2	1.0	4.3	4.1	2.4	3.2
<b>26</b>	14.3	11.9	12.4	11.7	7.8	9.6	6.0	1.4	4.4	4.2	2.4	2.9
<b>27</b>	12.0	10.4	11.0	11.8	7.7	9.8	6.2	0.2	2.3	3.8	2.4	3.0
<b>28</b>	13.5	10.0	10.6	11.1	7.5	8.5	5.8	0.0	1.1	3.5	0.8	1.8
<b>29</b>	13.8	9.8	10.6	11.1	7.4	9.0	5.2	0.0	0.3	0.8	0.0	0.2
<b>30</b>	13.6	10.0	10.6	10.9	7.5	8.6	4.6	0.0	1.2	2.4	0.0	0.4
<b>31</b>	13.3	10.0	11.0	---	---	---	4.6	0.0	1.1	2.4	0.0	0.6
<b>Month</b>	19.1	9.8	14.5	13.8	7.4	10.3	10.7	0.0	4.2	5.3	0.0	2.1

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

TEMPERATURE, WATER (BOTTOM), 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	2.2	0.0	0.5	3.0	1.6	2.2	7.7	6.3	6.8	14.5	9.6	12.1
2	2.3	0.0	0.7	3.7	2.4	2.9	8.4	6.5	7.3	15.8	10.4	13.4
3	2.5	0.0	0.8	3.3	2.8	3.0	9.4	7.4	8.2	16.7	10.9	14.2
4	2.5	0.0	0.8	3.4	2.7	3.0	10.3	8.5	9.2	16.7	10.9	14.2
5	2.5	0.1	1.0	4.0	3.0	3.3	11.0	9.4	10.0	17.1	11.1	14.2
6	2.6	0.0	1.4	4.6	3.0	3.6	11.3	10.1	10.6	17.0	11.4	14.3
7	2.1	0.0	1.2	4.6	3.3	3.8	12.1	10.4	11.2	16.8	11.0	13.7
8	2.0	0.0	1.1	4.9	3.4	3.9	12.5	11.2	11.9	16.4	11.3	13.7
9	2.2	0.0	1.4	5.4	3.4	4.2	12.7	11.3	12.0	15.6	10.4	13.6
10	2.2	0.7	1.8	5.9	3.7	4.8	12.0	11.0	11.4	14.8	10.0	12.8
11	2.0	0.3	1.3	6.0	4.1	5.3	12.3	11.0	11.4	14.8	10.3	13.1
12	2.0	0.1	1.0	5.8	4.0	5.1	12.3	8.5	11.3	13.9	10.3	12.9
13	2.0	0.0	1.1	5.4	3.9	4.8	12.0	9.6	11.3	15.3	10.3	12.9
14	1.9	0.0	0.9	6.3	4.4	5.5	12.6	8.5	11.2	15.2	10.9	13.2
15	1.9	0.2	1.0	6.0	4.5	5.6	13.1	8.3	11.2	16.1	10.9	13.4
16	2.0	0.4	1.4	5.9	4.2	5.2	12.0	8.2	11.0	16.9	11.0	13.9
17	1.9	0.4	1.2	6.0	4.6	5.2	11.6	7.9	10.6	16.8	11.6	14.2
18	2.0	0.6	1.5	6.5	4.9	5.5	11.5	8.1	10.5	15.9	11.4	13.8
19	2.2	1.1	1.9	7.0	5.4	5.9	12.0	8.2	10.7	15.7	10.8	13.6
20	2.5	1.8	2.2	7.7	5.9	6.5	12.0	8.7	10.9	17.2	11.3	14.2
21	2.5	1.7	2.3	7.9	6.4	7.0	12.3	8.9	11.0	17.6	12.1	15.1
22	2.8	2.3	2.5	7.4	6.8	7.0	12.7	9.2	11.3	17.8	12.4	15.5
23	3.0	2.5	2.7	7.3	6.8	7.0	12.7	9.1	11.2	18.7	12.5	15.8
24	3.4	2.6	2.9	7.2	6.4	6.8	13.4	9.0	11.5	20.6	12.8	16.7
25	3.3	2.8	3.1	6.6	5.8	6.2	12.9	9.0	11.4	21.4	13.3	17.1
26	3.3	2.5	2.9	6.3	5.5	6.0	12.7	9.0	11.3	21.5	13.4	17.0
27	2.8	2.1	2.4	6.0	5.1	5.5	12.8	9.1	11.4	21.7	13.5	17.5
28	2.7	1.8	2.1	5.5	5.0	5.2	11.8	8.7	10.9	22.8	13.9	18.3
29	---	---	---	6.0	5.2	5.6	13.3	8.7	11.0	22.2	14.2	18.2
30	---	---	---	7.1	6.0	6.6	14.0	9.0	11.5	21.9	14.4	17.5
31	---	---	---	7.0	6.4	6.7	---	---	---	21.9	14.7	17.9
Month	3.4	0.0	1.6	7.9	1.6	5.1	14.0	6.3	10.7	22.8	9.6	14.8

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

TEMPERATURE, WATER (BOTTOM), 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	21.7	15.1	18.3	25.9	19.0	22.6	25.0	21.4	22.8	24.7	22.4	23.3
2	22.9	15.9	18.3	24.4	18.8	20.9	24.9	21.6	23.0	25.2	22.5	23.5
3	21.3	15.8	17.9	23.1	19.1	20.6	25.0	22.0	23.2	25.2	22.3	23.2
4	21.4	16.6	18.3	23.1	19.5	20.7	25.1	21.9	23.1	24.8	22.4	23.4
5	23.0	16.6	18.3	24.3	19.5	20.9	25.6	21.6	23.0	24.3	21.2	22.7
6	23.3	16.9	18.9	24.5	19.6	21.5	26.9	21.4	23.9	23.4	20.9	22.1
7	23.9	16.4	19.2	25.6	19.7	21.9	27.0	20.6	24.0	24.3	21.2	22.5
8	23.9	16.2	19.8	26.5	19.6	22.4	27.0	21.0	24.3	24.6	21.7	22.9
9	23.4	16.3	20.3	26.3	20.0	22.7	27.5	21.1	24.3	23.4	20.8	22.1
10	22.5	16.0	19.9	26.5	19.4	22.9	27.4	21.0	24.2	22.2	20.2	21.2
11	22.2	16.2	19.8	26.3	19.6	22.9	26.6	21.1	23.8	21.9	20.0	21.0
12	21.5	16.1	19.4	27.7	19.6	23.3	25.6	20.8	23.2	21.2	20.0	20.6
13	21.3	16.1	19.2	27.6	19.8	23.6	25.6	20.6	23.1	20.7	19.8	20.2
14	22.0	16.0	19.3	27.3	19.8	23.4	25.1	20.9	22.9	21.1	19.8	20.4
15	22.4	16.5	19.7	26.2	19.8	22.6	24.3	20.9	22.5	21.0	20.1	20.5
16	21.4	17.0	19.5	26.4	19.7	22.8	24.1	21.1	22.5	20.7	19.6	20.1
17	21.4	16.8	19.1	27.7	20.4	24.0	25.0	21.4	22.6	21.0	19.9	20.3
18	22.3	16.7	19.2	27.6	20.8	23.7	25.0	21.4	22.7	20.7	19.8	20.3
19	22.5	17.2	19.7	26.8	20.8	23.2	24.3	21.1	22.4	20.8	19.8	20.4
20	23.0	17.6	20.2	26.4	20.8	23.2	24.4	21.4	22.8	21.0	19.9	20.4
21	23.9	17.8	20.6	26.4	20.9	23.3	24.1	21.1	22.5	20.4	19.1	19.9
22	23.5	17.8	20.4	27.2	21.3	23.8	23.9	21.2	22.3	21.1	19.2	20.0
23	24.4	17.9	20.9	26.2	20.9	23.2	23.8	20.9	22.2	21.2	19.8	20.5
24	25.6	18.1	21.5	28.0	21.0	24.1	22.6	20.5	21.4	21.1	20.0	20.5
25	26.3	18.4	22.2	28.2	21.6	24.8	22.8	20.5	21.3	22.3	20.1	20.9
26	25.5	18.7	21.9	27.5	21.5	24.3	23.4	21.0	21.9	21.3	19.9	20.6
27	24.8	18.5	21.3	26.4	21.3	23.5	23.2	21.2	22.0	20.3	19.4	19.9
28	25.2	18.7	21.9	25.5	21.6	23.4	23.1	21.0	21.8	20.8	19.6	20.1
29	27.0	19.4	22.9	26.3	22.1	24.0	23.9	21.4	22.1	21.7	20.2	20.6
30	26.4	19.2	22.9	25.0	21.8	23.1	23.5	21.9	22.5	21.9	20.2	20.9
31	---	---	---	25.1	21.7	23.0	24.2	22.1	22.8	---	---	---
Month	27.0	15.1	20.0	28.2	18.8	22.9	27.5	20.5	22.8	25.2	19.1	21.2

	Max	Min	Mean
Year	28.2	0.0	12.6

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**SPECIFIC CONDUCTANCE, WATER (BOTTOM), 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		
<b>1</b>	44,400	8,740	32,100	39,900	140	9,810	42,100	145	10,200	44,400	175	14,700
<b>2</b>	45,000	11,500	30,500	42,700	146	15,500	41,500	135	10,400	43,600	191	14,300
<b>3</b>	44,300	6,030	28,000	43,500	159	13,700	39,900	125	7,350	41,500	184	12,700
<b>4</b>	44,100	2,170	22,000	43,000	169	13,100	39,100	119	4,940	42,400	1,440	20,000
<b>5</b>	44,400	1,530	20,200	41,900	231	15,900	38,400	117	4,530	43,000	412	21,600
<b>6</b>	43,300	814	19,600	43,200	213	16,100	20,400	103	692	43,000	1,600	22,400
<b>7</b>	42,600	279	18,700	42,300	175	15,300	28,800	101	1,710	42,900	1,700	22,800
<b>8</b>	43,300	278	23,200	40,300	174	13,900	39,700	104	4,470	42,500	2,850	25,900
<b>9</b>	44,400	3,920	28,600	42,200	174	18,500	42,400	107	15,400	43,500	3,570	27,500
<b>10</b>	42,200	616	18,400	41,400	667	17,500	39,500	115	5,820	44,700	7,270	32,400
<b>11</b>	42,500	634	19,700	44,500	1,130	26,300	177	123	143	43,300	9,820	31,300
<b>12</b>	43,800	414	25,400	44,700	4,920	28,300	38,700	145	9,350	44,100	4,820	27,200
<b>13</b>	44,100	3,790	25,900	45,200	4,440	27,400	41,200	185	13,000	44,700	2,990	29,200
<b>14</b>	44,800	488	25,700	44,100	1,200	23,200	41,800	142	11,400	44,500	10,800	30,300
<b>15</b>	45,300	2,500	24,400	43,600	258	15,000	40,000	138	11,600	43,400	3,140	22,700
<b>16</b>	46,100	12,500	33,600	41,500	221	11,500	41,200	143	11,700	41,800	1,210	22,300
<b>17</b>	45,600	4,170	24,200	41,100	201	9,210	40,500	155	10,100	44,600	8,340	29,300
<b>18</b>	45,800	3,350	24,100	41,100	181	9,570	42,500	272	16,400	41,400	4,750	30,500
<b>19</b>	45,300	2,810	23,900	40,000	174	10,600	43,000	449	21,500	43,700	2,210	26,400
<b>20</b>	44,100	1,930	22,500	40,900	175	14,000	43,900	1,700	25,200	39,100	1,000	18,000
<b>21</b>	44,900	3,040	25,400	40,500	173	12,400	42,200	2,080	24,000	44,600	2,340	23,300
<b>22</b>	44,100	7,780	29,700	40,400	167	13,200	41,700	3,790	27,300	43,400	334	27,400
<b>23</b>	44,900	6,430	33,700	40,500	158	13,300	42,700	4,380	30,200	45,400	2,790	28,700
<b>24</b>	45,400	8,250	33,800	40,200	164	13,300	42,500	23,000	36,500	43,400	2,850	26,100
<b>25</b>	42,500	410	15,000	40,900	180	16,900	44,400	7,190	30,600	38,700	1,970	23,100
<b>26</b>	36,900	199	3,400	40,000	280	18,300	43,700	10,600	32,800	40,500	186	5,150
<b>27</b>	354	135	205	41,400	453	20,400	41,400	200	15,300	38,600	148	2,050
<b>28</b>	36,400	134	3,870	39,300	139	10,000	41,400	195	7,060	38,600	123	1,710
<b>29</b>	40,800	152	5,120	41,500	236	17,200	38,900	149	1,800	162	106	131
<b>30</b>	39,100	130	4,060	39,900	168	11,500	41,300	153	10,400	43,600	107	7,780
<b>31</b>	36,000	142	4,840	---	---	---	41,400	162	11,000	43,700	166	13,100
<b>Month</b>	46,100	130	21,000	45,200	139	15,700	44,400	101	13,600	45,400	106	20,600

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**SPECIFIC CONDUCTANCE, WATER (BOTTOM), 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	42,600	168	10,600	17,100	152	1,040	90	81	86	41,000	306	13,500
2	42,300	189	12,800	30,100	162	3,100	82	79	81	40,400	226	11,600
3	43,600	190	15,100	25,300	163	3,490	84	80	82	39,400	213	13,000
4	43,000	173	13,500	29,100	173	5,330	86	82	84	40,100	312	15,500
5	42,400	202	15,300	29,800	177	5,620	87	84	85	39,600	397	18,100
6	44,000	2,050	24,400	21,500	164	2,870	90	85	87	40,200	550	18,900
7	43,400	1,750	25,800	23,600	168	5,120	90	85	87	41,800	317	21,800
8	43,100	1,640	22,800	29,200	410	9,880	96	89	91	39,900	1,900	21,900
9	42,600	1,550	28,700	28,200	576	9,910	106	92	98	39,800	189	13,700
10	44,500	17,400	36,700	25,300	301	6,040	111	99	103	41,500	225	15,500
11	43,800	8,880	30,400	18,000	192	2,860	1,760	99	140	39,600	196	10,900
12	40,400	1,680	19,500	12,800	184	2,060	18,000	101	1,160	38,800	146	9,530
13	40,600	1,290	22,400	25,000	196	4,940	25,800	103	1,110	38,600	150	10,700
14	41,700	2,170	20,600	25,100	154	1,930	37,000	105	3,530	42,300	233	12,800
15	42,300	975	18,200	4,250	139	406	39,400	116	8,140	42,300	227	16,400
16	44,800	5,870	28,800	4,130	122	298	39,900	139	9,800	41,200	314	16,000
17	41,600	1,660	21,500	221	111	119	42,100	135	11,200	42,700	329	17,600
18	42,000	2,190	20,000	114	107	110	40,700	146	8,990	43,500	984	21,200
19	40,800	2,450	23,400	113	103	108	39,700	127	7,150	42,700	408	18,600
20	43,900	12,200	31,100	109	99	103	38,100	117	6,420	42,600	1,180	19,100
21	43,800	5,860	30,600	103	94	98	37,900	120	8,940	42,500	1,020	19,600
22	44,600	14,800	33,100	99	91	94	38,000	124	10,000	42,500	347	18,500
23	45,300	8,780	34,000	97	87	90	41,400	127	12,200	43,400	924	19,800
24	45,100	614	26,600	96	90	93	39,400	151	12,700	43,700	846	20,500
25	43,800	318	17,600	90	80	85	41,200	232	15,000	42,900	1,190	21,800
26	27,400	227	3,110	85	79	82	41,000	240	15,200	44,600	5,220	25,700
27	37,400	216	3,600	87	81	84	40,100	213	13,600	44,800	7,920	26,500
28	27,100	165	2,320	90	85	87	41,300	174	10,500	44,100	2,480	22,000
29	---	---	---	91	86	88	41,200	185	13,000	44,500	2,480	23,300
30	---	---	---	88	81	84	41,700	178	13,700	43,300	5,560	28,400
31	---	---	---	91	79	84	---	---	---	44,300	9,380	30,400
<b>Month</b>	45,300	165	21,200	30,100	79	2,140	42,100	79	6,110	44,800	146	18,500

## 01194796 CONNECTICUT RIVER AT OLD LYME, CT—Continued

**SPECIFIC CONDUCTANCE, WATER (BOTTOM), 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	44,600	12,300	30,000	41,700	1,240	20,300	45,200	22,900	37,400	45,200	23,100	37,500
2	43,800	6,810	31,800	43,500	4,760	28,700	44,100	22,500	36,500	44,800	18,400	37,300
3	43,700	18,500	34,800	43,500	17,900	33,400	43,400	21,400	35,200	45,300	18,400	37,100
4	43,600	19,200	34,200	43,700	24,500	36,200	43,800	22,300	36,000	44,000	18,400	33,800
5	43,100	16,300	36,100	44,300	22,600	37,600	44,600	20,500	37,300	45,600	13,100	30,500
6	41,700	12,100	34,000	44,500	21,100	36,200	44,800	10,500	31,100	45,900	20,700	35,200
7	43,400	7,700	30,200	44,900	16,200	35,000	44,800	3,270	24,200	45,800	19,100	34,000
8	41,900	2,220	23,800	44,900	11,700	32,900	44,900	1,500	20,800	46,000	17,300	33,200
9	40,300	659	17,800	45,200	13,900	32,900	45,000	3,330	23,200	46,200	15,600	32,900
10	42,300	409	16,300	45,300	14,100	32,100	45,200	4,610	25,300	46,300	16,600	33,400
11	42,100	283	17,000	45,500	12,800	31,700	45,800	7,670	29,500	46,400	17,300	34,800
12	43,400	347	17,800	45,500	12,800	30,800	45,800	12,500	31,400	46,600	21,700	37,000
13	43,400	844	18,400	45,800	10,100	29,400	46,100	11,000	29,800	46,400	24,500	37,300
14	43,700	391	19,100	45,700	9,010	29,400	45,900	10,100	30,800	45,800	24,100	37,200
15	44,000	323	17,700	45,700	12,000	32,700	45,800	14,100	34,200	45,300	18,400	36,100
16	43,000	457	19,500	45,900	14,200	32,600	45,000	18,500	33,800	45,800	26,900	39,900
17	43,600	2,690	24,700	45,300	7,430	29,000	44,700	19,100	34,400	45,200	17,500	35,300
18	44,100	5,230	26,700	45,200	12,900	32,500	44,800	19,100	35,300	45,500	27,400	38,600
19	44,500	6,190	28,100	45,500	17,800	35,100	44,400	19,400	37,000	45,100	22,400	36,400
20	44,200	5,020	26,800	44,800	17,100	34,400	44,800	23,500	37,000	45,500	21,200	37,400
21	44,300	3,810	26,500	44,800	999	34,700	45,200	25,000	36,900	45,900	26,600	37,000
22	44,900	6,110	28,900	44,300	10,500	31,200	45,500	24,100	37,000	44,500	16,100	30,500
23	44,300	6,150	27,000	44,900	13,100	31,900	45,400	14,700	33,900	45,800	17,500	35,500
24	44,100	5,930	26,700	44,400	4,550	26,600	45,500	19,200	34,900	46,000	22,900	36,500
25	44,100	3,190	23,700	43,800	3,140	24,400	45,500	13,000	32,900	46,000	20,900	35,400
26	44,400	4,040	27,100	43,800	3,500	25,100	45,000	13,100	31,300	46,300	28,500	39,200
27	44,600	10,200	31,300	44,400	4,830	29,200	44,900	8,480	32,500	46,300	29,000	39,300
28	44,600	13,400	30,600	44,600	10,900	32,400	45,100	22,800	36,200	46,000	23,700	37,000
29	44,100	5,030	26,500	43,300	8,720	30,100	45,000	23,100	36,300	44,600	17,000	33,700
30	43,500	2,630	23,000	44,500	18,500	36,200	45,300	28,400	38,500	45,000	12,200	34,400
31	---	---	---	44,600	19,500	36,000	45,400	27,100	39,000	---	---	---
Month	44,900	283	25,900	45,900	999	31,600	46,100	1,500	33,200	46,600	12,200	35,800

	Max	Min	Mean
Year	46,600	79	20,400