

Water-Data Report 2012

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME

Maine Coastal Basin
Maine Coastal Subbasin

LOCATION.--Lat 44°15'10.49", long 68°20'57.12" referenced to North American Datum of 1983, Hancock County, ME, Hydrologic Unit 01050002, on right bank 5 ft upstream of State Route 102, 430 ft southeast from intersection of State Routes 102 and Marsh Rd., and 250 feet upstream of mouth in Tremont, Maine

DRAINAGE AREA.--8.403 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Discharge: May 26, 2011 to September 25, 2011 and May 15, 2012 to September 30, 2012, discontinued

GAGE.--Water-stage recorder. Datum of gage is at North American Vertical Datum of 1988.

REMARKS.--

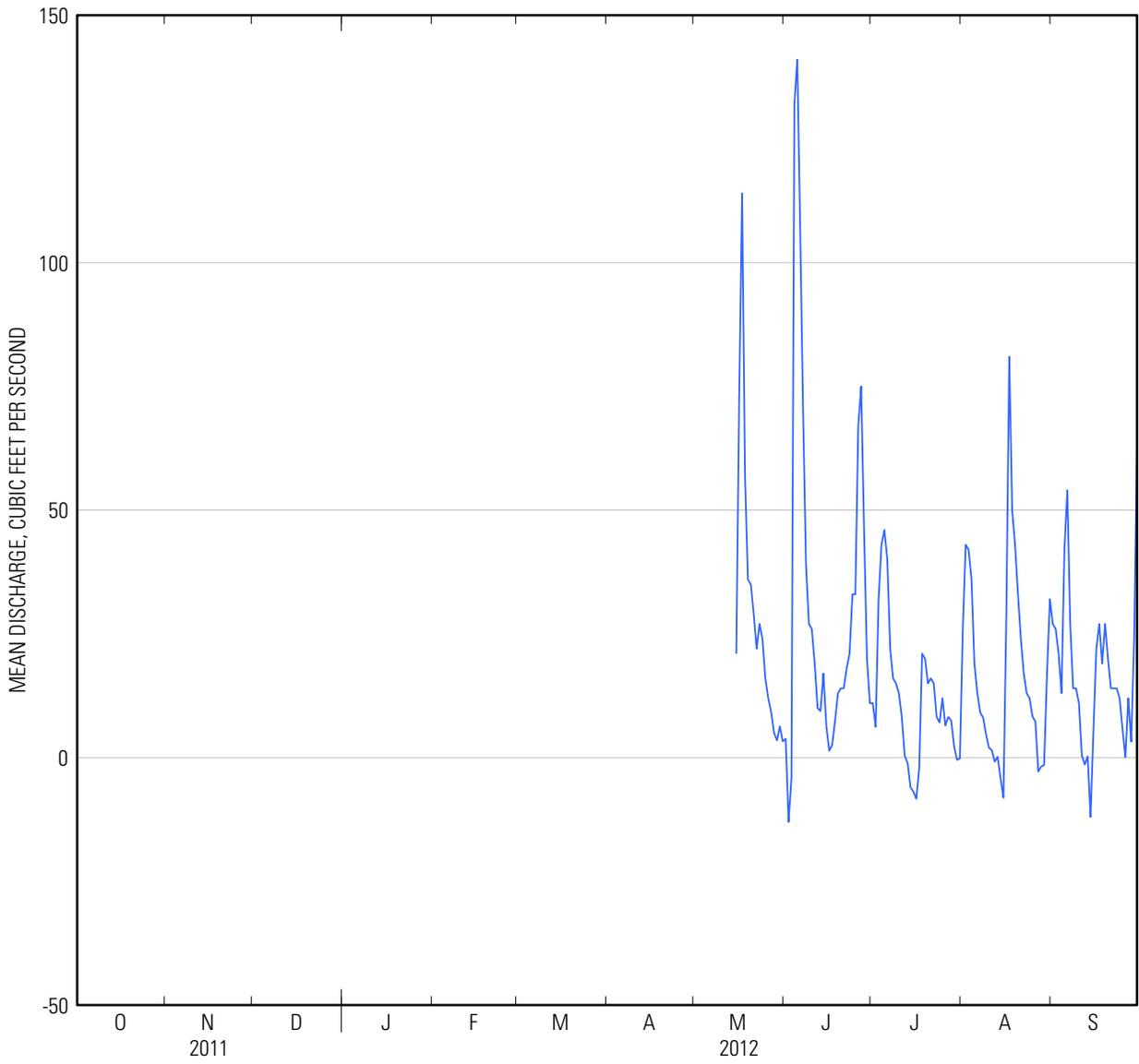
DISCHARGE: No discharge record, Aug. 10-15 and 23-25, 2011. Records good, except for flows between 30 and 8 ft³/s, and -8 ft³/s and -30 ft³/s, which are fair, and flows between 8 ft³/s and -8 ft³/s, periods of no gage-height record, July 8-9, 2011, Aug. 16, 2011, and Sept. 24-26, 2011, and period of doubtful stage-discharge relation, July 29 to Aug. 9, 2011, which are poor. Satellite telemeter at station.

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	3.8	11	26	27
2	---	---	---	---	---	---	---	---	-13	6.2	43	26
3	---	---	---	---	---	---	---	---	-4.1	32	42	21
4	---	---	---	---	---	---	---	---	132	43	36	13
5	---	---	---	---	---	---	---	---	141	46	19	42
6	---	---	---	---	---	---	---	---	107	40	13	54
7	---	---	---	---	---	---	---	---	70	22	9.1	27
8	---	---	---	---	---	---	---	---	39	16	8.1	14
9	---	---	---	---	---	---	---	---	27	15	4.7	14
10	---	---	---	---	---	---	---	---	26	13	2.0	11
11	---	---	---	---	---	---	---	---	19	8.2	1.5	0.47
12	---	---	---	---	---	---	---	---	10	0.38	-0.83	-1.4
13	---	---	---	---	---	---	---	---	9.4	-1.1	0.16	0.24
14	---	---	---	---	---	---	---	---	17	-6.0	-4.2	-12
15	---	---	---	---	---	---	---	21	6.4	-6.9	-8.1	5.6
16	---	---	---	---	---	---	---	73	1.4	-8.3	29	22
17	---	---	---	---	---	---	---	114	2.5	-2.1	81	27
18	---	---	---	---	---	---	---	57	7.4	21	50	19
19	---	---	---	---	---	---	---	36	13	20	43	27
20	---	---	---	---	---	---	---	35	14	15	33	20
21	---	---	---	---	---	---	---	29	14	16	24	14
22	---	---	---	---	---	---	---	22	18	15	17	14
23	---	---	---	---	---	---	---	27	21	8.2	13	14
24	---	---	---	---	---	---	---	24	33	7.1	12	12
25	---	---	---	---	---	---	---	16	33	12	8.3	5.8
26	---	---	---	---	---	---	---	12	67	6.5	7.3	0.09
27	---	---	---	---	---	---	---	9.2	75	8.2	-2.8	12
28	---	---	---	---	---	---	---	5.0	46	7.5	-1.8	3.2
29	---	---	---	---	---	---	---	3.5	20	2.3	-1.5	24
30	---	---	---	---	---	---	---	6.3	11	-0.45	17	62
31	---	---	---	---	---	---	---	3.3	---	-0.18	32	---
Total	---	---	---	---	---	---	---	---	966.8	366.55	551.93	518.00
Mean	---	---	---	---	---	---	---	---	32.2	11.8	17.8	17.3
Max	---	---	---	---	---	---	---	---	141	46	81	62

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

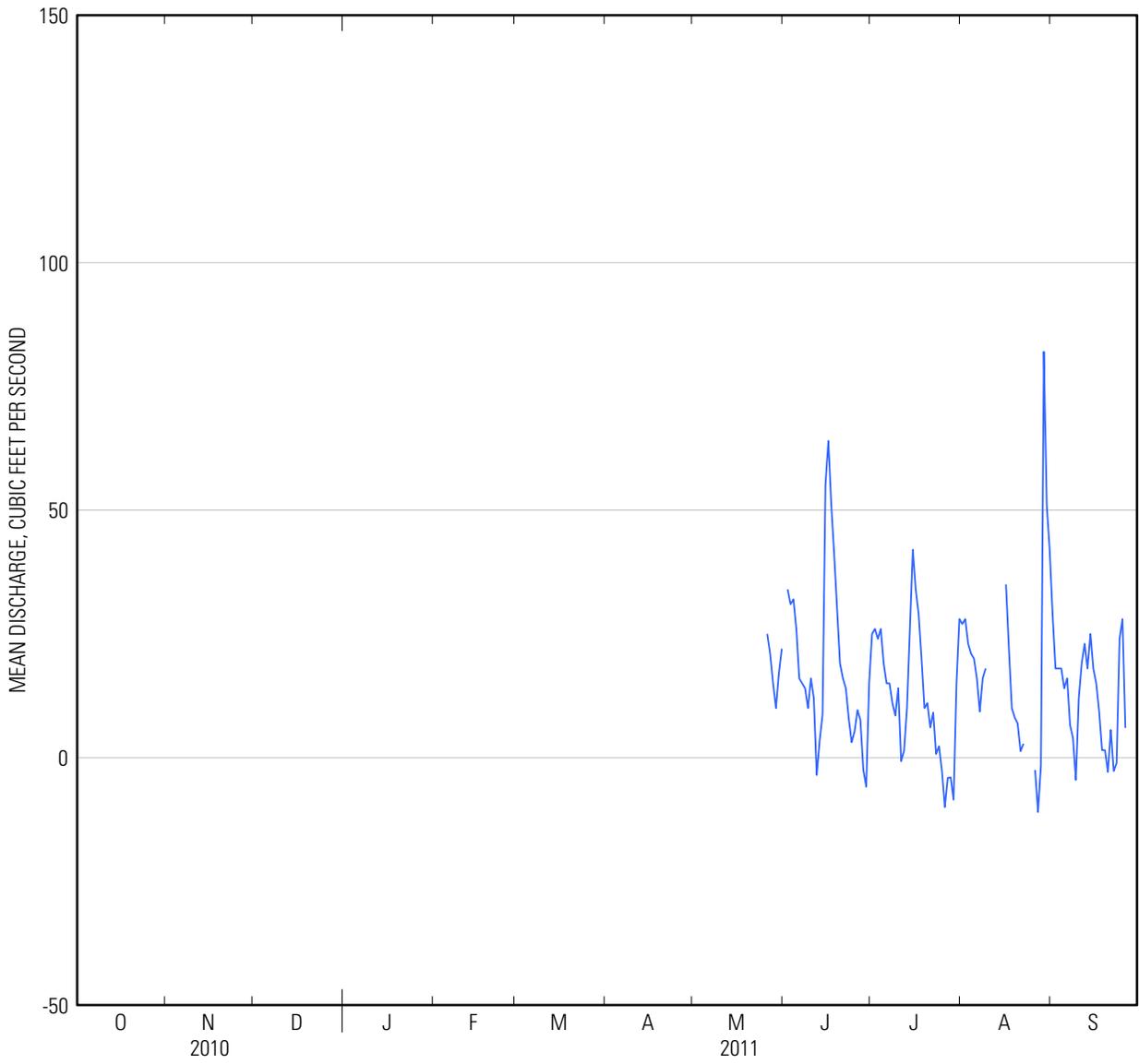


010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY MEAN VALUES
[e, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	---	---	---	---	---	---	---	---	---	25	27	29
2	---	---	---	---	---	---	---	---	34	26	28	18
3	---	---	---	---	---	---	---	---	31	24	23	18
4	---	---	---	---	---	---	---	---	32	26	21	18
5	---	---	---	---	---	---	---	---	26	19	20	14
6	---	---	---	---	---	---	---	---	16	15	16	16
7	---	---	---	---	---	---	---	---	15	15	9.3	6.6
8	---	---	---	---	---	---	---	---	14	e11	16	4.0
9	---	---	---	---	---	---	---	---	10	e8.5	18	-4.5
10	---	---	---	---	---	---	---	---	16	14	---	12
11	---	---	---	---	---	---	---	---	12	-0.72	---	19
12	---	---	---	---	---	---	---	---	-3.5	1.4	---	23
13	---	---	---	---	---	---	---	---	3.4	10	---	18
14	---	---	---	---	---	---	---	---	8.7	26	---	25
15	---	---	---	---	---	---	---	---	55	42	---	18
16	---	---	---	---	---	---	---	---	64	34	e35	15
17	---	---	---	---	---	---	---	---	51	29	22	9.3
18	---	---	---	---	---	---	---	---	41	20	10	1.5
19	---	---	---	---	---	---	---	---	30	10	8.1	1.5
20	---	---	---	---	---	---	---	---	19	11	6.9	-2.9
21	---	---	---	---	---	---	---	---	16	6.1	1.3	5.6
22	---	---	---	---	---	---	---	---	14	9.1	2.8	-2.7
23	---	---	---	---	---	---	---	---	7.9	0.74	---	-1.1
24	---	---	---	---	---	---	---	---	3.1	2.3	---	e24
25	---	---	---	---	---	---	---	---	5.3	-2.7	---	e28
26	---	---	---	---	---	---	---	25	9.6	-10	-2.5	e6.0
27	---	---	---	---	---	---	---	21	7.6	-4.1	-11	---
28	---	---	---	---	---	---	---	15	-2.4	-4.0	-1.6	---
29	---	---	---	---	---	---	---	10	-5.9	-8.5	82	---
30	---	---	---	---	---	---	---	17	15	15	51	---
31	---	---	---	---	---	---	---	22	---	28	42	---
Total	---	---	---	---	---	---	---	---	---	398.12	---	---
Mean	---	---	---	---	---	---	---	---	---	12.8	---	---
Max	---	---	---	---	---	---	---	---	---	42	---	---

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued



010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

WATER-QUALITY RECORDS

PERIOD OF DAILY RECORD.--

WATER TEMPERATURE: June 2011 to September 2012 (discontinued).

SPECIFIC CONDUCTANCE: June 2011 to September 2012 (discontinued).

INSTRUMENTATION.--In-situ thermistor and conductance probe on right bank 15 feet streamward of gage and about 0.5 feet above river bed.

REMARKS.--

WATER TEMPERATURE: Records fair. No maximum or mean temperature, May 14, Aug. 21.

SPECIFIC CONDUCTANCE: Records poor. No minimum specific conductance, Apr. 26, May 14, 17, Aug. 21. No maximum specific conductance, Aug. 21. No mean specific conductance, May 14, Aug. 21.

EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum, 29.5°C, July 13; minimum, 5.3°C, Apr. 28.

SPECIFIC CONDUCTANCE: Maximum, 49,400 microsiemens/cm, Apr. 11; minimum, 930 microsiemens/cm, May 12.

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

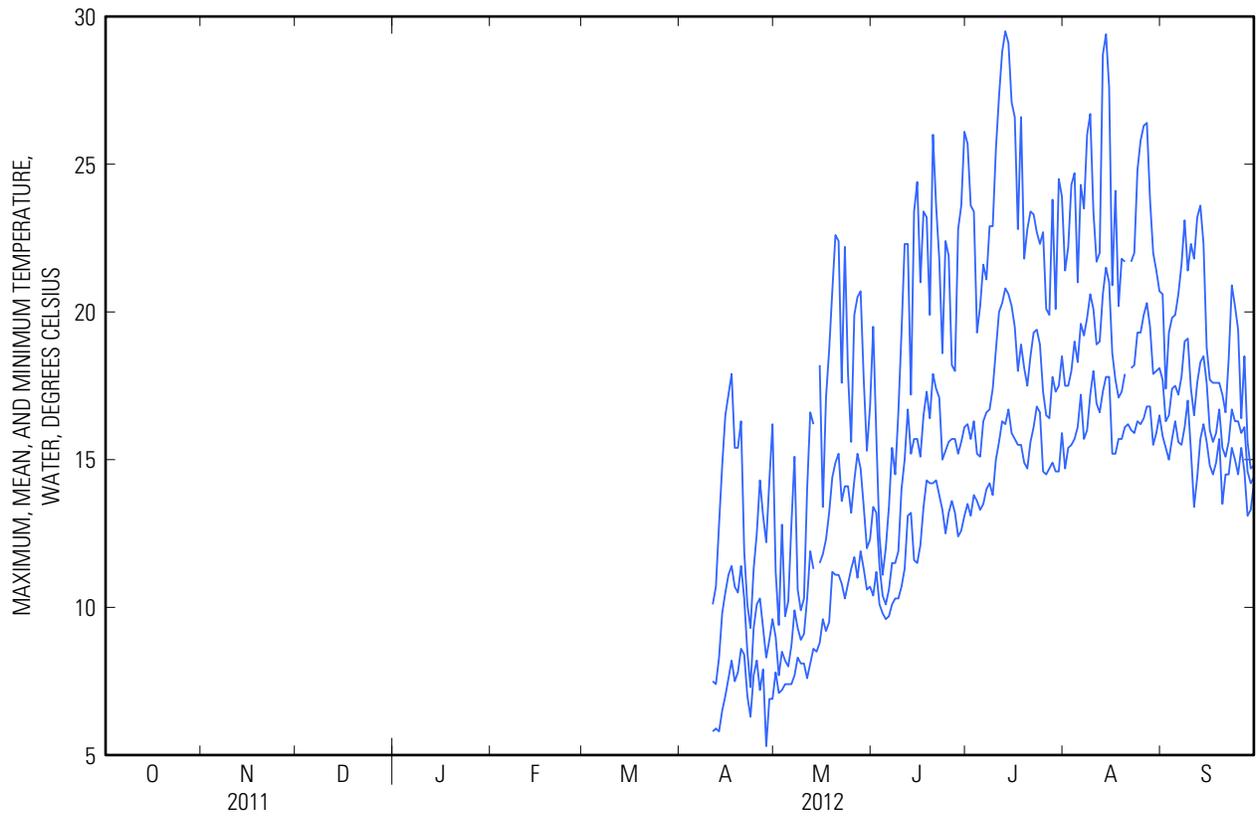
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	11.2	7.8	9.0
2	---	---	---	---	---	---	---	---	---	9.4	7.1	7.7
3	---	---	---	---	---	---	---	---	---	12.8	7.2	8.5
4	---	---	---	---	---	---	---	---	---	9.7	7.4	8.2
5	---	---	---	---	---	---	---	---	---	10.2	7.4	8.0
6	---	---	---	---	---	---	---	---	---	12.8	7.4	8.7
7	---	---	---	---	---	---	---	---	---	15.1	7.7	9.9
8	---	---	---	---	---	---	---	---	---	10.6	8.3	9.3
9	---	---	---	---	---	---	---	---	---	9.9	8.1	8.9
10	---	---	---	---	---	---	---	---	---	10.3	8.1	9.1
11	---	---	---	---	---	---	10.1	5.8	7.5	14.0	7.6	10.3
12	---	---	---	---	---	---	10.7	5.9	7.4	16.6	8.1	11.9
13	---	---	---	---	---	---	12.8	5.8	8.3	16.2	8.6	11.3
14	---	---	---	---	---	---	14.8	6.5	9.8	---	8.5	---
15	---	---	---	---	---	---	16.5	7.0	10.5	18.2	8.8	11.5
16	---	---	---	---	---	---	17.2	7.6	11.1	13.4	9.6	11.8
17	---	---	---	---	---	---	17.9	8.2	11.4	17.1	9.2	12.3
18	---	---	---	---	---	---	15.4	7.5	10.7	18.7	9.5	13.2
19	---	---	---	---	---	---	15.4	7.8	10.5	20.7	11.2	14.4
20	---	---	---	---	---	---	16.3	8.6	11.4	22.6	11.1	14.9
21	---	---	---	---	---	---	11.9	8.4	10.3	22.4	11.1	15.2
22	---	---	---	---	---	---	10.1	7.0	8.5	17.6	10.8	13.6
23	---	---	---	---	---	---	9.3	6.3	7.3	22.2	10.3	14.1
24	---	---	---	---	---	---	11.3	7.7	9.3	17.9	10.8	14.1
25	---	---	---	---	---	---	12.5	8.2	10.1	15.6	11.3	13.2
26	---	---	---	---	---	---	14.3	7.2	10.3	19.9	11.7	14.3
27	---	---	---	---	---	---	13.1	7.9	9.3	20.5	11.0	15.2
28	---	---	---	---	---	---	12.2	5.3	8.3	20.7	11.9	14.7
29	---	---	---	---	---	---	14.3	6.9	8.9	17.7	11.3	13.4
30	---	---	---	---	---	---	16.2	6.9	9.6	15.3	10.6	12.0
31	---	---	---	---	---	---	---	---	---	16.8	10.7	12.3
Month	---	---	---	---	---	---	---	---	---	---	7.1	---

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	19.5	10.4	13.4	25.7	13.5	16.2	21.4	14.7	17.5	20.6	15.8	17.7
2	15.8	11.2	13.2	23.6	13.1	15.7	22.2	15.4	17.5	17.4	15.4	16.3
3	12.4	10.1	11.4	23.4	13.8	16.3	24.3	15.5	18.0	19.3	15.0	16.5
4	11.1	9.8	10.4	19.3	13.6	15.2	24.7	15.7	19.0	19.8	15.7	17.4
5	12.0	9.6	10.1	20.2	13.3	15.1	21.0	16.1	18.3	19.9	16.3	17.5
6	13.4	9.7	10.6	21.6	13.5	16.3	24.3	17.2	19.6	20.6	15.6	17.2
7	15.4	10.1	11.5	21.1	14.0	16.6	23.5	15.7	19.2	21.6	15.5	17.8
8	14.5	10.3	11.5	22.9	14.2	16.7	26.0	16.0	19.8	23.1	16.1	19.0
9	16.6	10.3	11.9	22.9	13.8	17.4	26.7	17.2	20.6	21.4	17.0	19.1
10	19.3	10.7	14.0	25.5	15.0	18.7	23.4	18.0	20.1	22.3	15.3	17.4
11	22.3	11.3	15.0	27.3	15.6	20.0	21.7	16.9	18.9	21.8	13.4	16.5
12	22.3	13.1	16.7	28.8	16.3	20.3	22.0	16.6	19.0	23.2	14.4	17.6
13	17.2	13.2	15.2	29.5	16.2	20.8	28.7	17.3	20.6	23.6	15.7	18.3
14	23.4	11.6	15.7	29.1	16.7	20.6	29.4	17.8	21.5	22.3	16.2	18.5
15	24.4	11.5	15.7	27.1	15.9	20.2	27.6	17.8	21.0	18.8	15.6	17.6
16	21.0	12.1	15.1	26.6	15.7	19.5	20.9	15.2	18.6	17.7	14.8	16.0
17	23.4	13.4	16.5	22.8	15.5	18.0	24.1	15.2	17.7	17.6	14.5	15.6
18	23.2	14.3	17.3	26.6	15.5	18.9	20.2	15.7	17.1	17.6	14.9	15.9
19	19.9	14.2	16.4	21.8	14.9	18.1	21.8	15.7	17.3	17.6	15.7	16.7
20	26.0	14.2	17.9	22.8	14.7	17.5	21.7	16.1	17.9	17.2	13.5	15.4
21	23.6	14.3	17.4	23.4	15.6	18.5	---	16.2	---	16.6	14.5	15.1
22	21.8	13.8	17.1	23.3	16.1	19.3	21.7	16.0	18.1	18.4	14.5	15.6
23	18.6	13.3	15.0	22.7	16.8	19.4	22.0	15.9	18.2	20.9	15.4	16.7
24	22.4	12.5	15.3	22.3	16.6	18.9	24.8	16.3	19.3	20.2	15.0	16.3
25	21.9	13.2	15.6	22.7	14.6	17.3	25.8	16.2	19.3	19.4	14.5	16.3
26	18.2	13.6	15.7	20.1	14.5	16.5	26.3	16.4	19.9	16.4	15.4	15.9
27	18.0	13.2	15.7	19.9	14.7	16.4	26.4	16.8	20.3	18.5	14.6	16.1
28	22.8	12.4	15.2	23.8	14.9	17.8	23.8	16.8	19.5	15.6	13.1	14.6
29	23.6	12.6	15.6	20.1	14.6	17.3	22.0	15.5	17.9	14.7	13.3	14.2
30	26.1	13.1	16.1	24.5	14.6	17.5	21.4	15.9	18.0	14.8	14.2	14.4
31	---	---	---	23.9	15.9	18.5	20.7	16.5	18.1	---	---	---
Month	26.1	9.6	14.6	29.5	13.1	17.9	---	14.7	---	23.6	13.1	16.6

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued



010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February			March			April			May		
1	---	---	---	---	---	---	---	---	---	45,700	12,500	35,200
2	---	---	---	---	---	---	---	---	---	46,600	11,900	33,800
3	---	---	---	---	---	---	---	---	---	47,400	20,400	43,000
4	---	---	---	---	---	---	---	---	---	47,500	27,600	45,300
5	---	---	---	---	---	---	---	---	---	47,600	30,300	45,400
6	---	---	---	---	---	---	---	---	---	47,900	25,900	44,400
7	---	---	---	---	---	---	---	---	---	47,700	35,700	45,200
8	---	---	---	---	---	---	---	---	---	47,900	37,300	46,000
9	---	---	---	---	---	---	---	---	---	46,900	34,900	43,800
10	---	---	---	---	---	---	---	---	---	46,100	13,400	37,900
11	---	---	---	---	---	---	49,400	35,400	47,000	46,800	1,300	23,700
12	---	---	---	---	---	---	49,300	32,400	45,700	45,700	930	24,500
13	---	---	---	---	---	---	49,000	37,600	46,500	46,000	3,610	32,700
14	---	---	---	---	---	---	48,900	34,800	45,300	46,800	---	---
15	---	---	---	---	---	---	48,900	33,100	45,000	45,700	7,850	38,700
16	---	---	---	---	---	---	48,500	32,700	44,900	44,100	1,280	28,100
17	---	---	---	---	---	---	48,700	34,000	45,500	46,000	---	19,000
18	---	---	---	---	---	---	48,900	35,100	44,400	43,900	1,840	25,400
19	---	---	---	---	---	---	48,800	38,300	46,100	44,800	3,600	30,400
20	---	---	---	---	---	---	48,800	40,500	46,200	45,800	6,690	35,600
21	---	---	---	---	---	---	48,500	38,400	46,000	46,000	8,070	37,400
22	---	---	---	---	---	---	48,700	36,000	44,500	46,400	19,400	39,800
23	---	---	---	---	---	---	47,800	15,500	40,000	46,700	17,000	41,400
24	---	---	---	---	---	---	42,700	1,050	21,600	47,100	27,000	40,800
25	---	---	---	---	---	---	38,000	1,190	14,600	46,100	24,800	40,900
26	---	---	---	---	---	---	46,700	---	29,900	45,000	21,100	38,700
27	---	---	---	---	---	---	46,600	3,950	33,100	46,700	16,600	40,300
28	---	---	---	---	---	---	47,900	8,370	26,000	46,200	27,500	42,800
29	---	---	---	---	---	---	47,100	4,470	31,700	46,200	21,700	41,100
30	---	---	---	---	---	---	47,300	8,000	34,500	46,200	26,800	42,800
31	---	---	---	---	---	---	---	---	---	47,000	30,900	43,900
Month	---	---	---	---	---	---	---	---	---	47,900	---	---

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	47,100	34,400	43,900	46,700	24,200	43,500	48,100	40,700	45,900	48,400	43,200	46,900
2	47,300	34,500	45,000	47,000	31,400	44,700	47,600	38,700	45,900	48,500	44,200	47,500
3	47,300	30,300	43,900	47,100	34,900	45,000	47,500	36,800	45,800	48,400	45,200	47,500
4	47,100	30,100	41,700	47,100	37,600	45,700	47,200	35,800	44,900	48,200	43,800	47,100
5	47,100	28,400	43,400	47,000	36,600	45,500	46,900	42,800	45,400	47,600	22,200	41,500
6	47,000	28,700	43,300	46,900	37,000	44,700	46,700	39,000	44,500	45,900	7,460	33,400
7	46,700	25,600	42,700	46,800	41,800	45,500	46,800	37,000	44,400	46,200	11,100	34,900
8	46,500	26,600	43,200	46,900	37,200	45,200	46,800	41,100	45,000	45,300	13,200	35,400
9	46,700	26,200	43,400	46,800	39,000	44,800	46,400	40,200	44,600	46,300	13,800	34,800
10	46,600	31,900	41,600	46,600	37,800	44,200	46,300	40,600	44,500	48,500	19,000	36,400
11	46,600	33,000	43,300	46,600	36,900	43,400	46,100	40,600	43,800	48,500	30,100	42,100
12	45,400	25,900	41,200	47,100	38,100	44,700	46,100	39,000	43,800	48,500	30,600	44,400
13	44,800	22,000	39,000	47,600	38,100	44,700	46,300	34,000	43,800	48,600	34,100	44,700
14	47,000	13,900	36,100	47,900	37,300	45,100	46,000	31,400	43,100	48,400	37,000	46,000
15	46,900	25,600	40,400	48,000	38,700	45,200	46,100	29,600	42,800	48,900	38,900	47,300
16	47,000	35,200	42,400	48,000	41,300	46,600	46,100	25,600	40,200	49,000	41,400	47,500
17	46,900	34,000	43,900	48,000	40,800	46,600	45,200	5,930	36,900	49,100	43,400	47,600
18	47,000	32,200	43,500	48,500	38,000	45,900	45,000	26,400	41,400	49,100	44,600	48,000
19	47,100	33,900	43,800	48,000	42,000	46,200	44,800	20,200	41,000	49,000	43,400	47,700
20	46,600	31,500	43,700	48,000	43,000	46,500	45,000	35,400	43,400	48,800	40,500	46,900
21	46,900	35,400	44,500	47,900	43,200	46,900	---	---	---	48,800	43,800	47,300
22	46,800	35,000	44,400	47,800	45,200	47,100	47,900	38,100	46,000	48,500	40,400	46,800
23	47,000	33,400	44,100	47,700	45,800	47,100	48,100	39,400	46,800	48,600	40,200	46,900
24	46,600	23,200	41,400	47,600	43,900	46,300	48,300	38,000	46,100	48,400	41,500	46,500
25	45,900	17,600	40,600	47,600	41,500	45,800	48,400	41,300	46,500	48,200	40,600	46,300
26	44,300	16,300	36,600	48,200	42,700	46,100	48,400	41,500	46,700	48,000	41,800	46,300
27	44,000	2,330	28,700	47,900	41,800	45,900	48,300	42,100	46,700	48,400	35,500	45,700
28	44,600	7,120	34,200	47,700	42,300	45,900	48,400	42,500	47,400	48,400	43,100	47,200
29	45,300	11,900	39,500	47,900	42,000	45,900	48,600	43,900	47,100	48,400	33,500	45,100
30	46,400	19,700	41,800	48,000	43,400	46,800	48,300	44,500	47,400	47,800	21,600	44,300
31	---	---	---	48,100	43,600	47,000	48,200	44,100	47,300	---	---	---
Month	47,300	2,330	41,500	48,500	24,200	45,600	---	---	---	49,100	7,460	44,300

010228955 OUTLET BASS HBR MARSH AT RT 102 AT TREMONT, ME—Continued

