

APPENDIX A
Measured Average Daily Maximum, Minimum, and Mean Water Temperatures at
Monitoring Stations N-10, S-0, and S-4 at Merrimack Station for 1 April - 31 October of 1984-2004

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
APRIL	1	37.2	40.2	41.4	36.5	60.5	73.0	41.4	45.5	49.1
	2	38.8	40.9	42.4	40.5	59.9	67.6	43.0	45.8	49.3
	3	39.0	40.7	41.9	48.6	59.6	68.4	42.4	45.7	49.6
	4	38.5	42.0	54.7	54.3	60.9	66.6	42.1	45.9	49.8
	5	38.7	42.3	52.3	54.3	61.0	73.8	38.7	44.7	50.7
	6	38.3	42.4	51.6	55.6	61.0	73.9	39.6	45.0	52.0
	7	37.9	42.6	54.7	51.1	61.2	71.2	41.5	45.8	54.0
	8	37.6	43.4	55.2	52.9	61.6	70.3	42.8	46.6	55.6
	9	37.4	44.2	55.9	57.2	62.4	70.9	43.7	47.6	56.8
	10	38.8	44.6	54.1	54.9	62.2	68.7	42.8	48.2	56.7
	11	38.1	43.8	54.5	42.4	61.9	80.4	42.8	48.0	55.6
	12	37.2	43.9	56.8	52.2	62.2	80.4	42.4	47.7	54.0
	13	36.9	43.5	54.3	50.7	63.2	81.0	41.7	47.7	53.2
	14	37.0	43.7	54.0	51.3	62.9	74.1	41.2	48.0	52.7
	15	37.6	44.4	55.8	53.1	62.0	72.9	41.4	48.3	52.5
	16	38.7	44.9	57.0	53.4	62.7	71.2	42.8	48.7	53.4
	17	39.6	45.2	57.0	53.4	63.1	70.7	41.0	48.9	54.3
	18	39.2	45.9	59.9	51.1	63.4	72.5	40.8	49.4	54.3
	19	40.3	46.1	54.7	47.8	64.2	73.6	41.7	49.6	55.0
	20	40.1	46.4	52.0	50.5	64.2	72.1	43.7	50.0	55.4
	21	41.0	47.1	53.1	52.5	64.3	72.3	44.4	50.7	55.9
	22	42.6	47.3	52.5	53.2	64.6	73.4	44.8	50.5	54.9
	23	41.9	47.3	52.7	51.6	65.2	73.2	45.0	50.6	54.9
	24	42.3	47.2	51.8	53.8	66.1	72.3	45.7	50.5	55.0
	25	43.0	47.3	51.1	54.7	66.7	75.6	46.6	50.7	55.8
	26	43.5	47.1	51.3	52.2	66.4	75.7	47.1	50.6	55.6
	27	43.5	47.8	54.1	52.2	66.1	75.0	47.5	50.9	56.7
	28	44.2	48.4	55.2	49.1	67.3	77.2	47.7	51.7	59.2
	29	44.2	49.0	56.1	55.8	68.1	80.6	47.3	52.3	60.1
	30	44.6	49.7	55.6	57.6	69.0	83.1	47.8	53.1	60.8

APPENDIX A
Measured Average Daily Maximum, Minimum, and Mean Water Temperature at
Monitoring Stations N-10, S-0, S-4 at Merrimack Station for 1 April - 31 October of 1984-2004

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
MAY	1	44.8	50.6	57.0	63.5	70.7	83.3	47.3	53.9	60.4
	2	44.2	51.7	59.2	59.0	69.8	81.5	46.0	54.4	59.7
	3	44.2	52.1	59.7	61.7	69.2	79.2	45.9	54.8	60.6
	4	45.5	52.3	58.3	58.6	69.5	80.4	47.1	55.1	61.3
	5	45.1	52.7	60.4	58.1	70.4	80.8	47.8	55.3	62.8
	6	45.5	52.6	61.7	52.9	69.3	81.1	47.7	55.4	63.9
	7	47.1	53.2	61.7	52.9	70.5	81.1	50.4	55.8	64.0
	8	46.0	53.5	61.9	55.6	71.4	81.1	50.9	56.0	64.2
	9	45.9	53.9	63.7	59.2	72.9	82.0	51.8	56.7	66.0
	10	45.3	54.5	63.5	60.1	72.4	83.3	51.6	57.2	65.7
	11	45.9	55.1	62.4	61.7	73.0	83.1	50.9	57.6	64.9
	12	46.0	55.8	64.4	61.2	73.5	83.3	48.4	57.7	66.0
	13	46.2	55.8	64.4	57.6	73.9	82.6	46.4	57.9	66.0
	14	46.9	56.0	64.2	61.9	75.2	83.7	46.8	58.8	70.7
	15	48.4	56.9	64.6	66.6	75.6	84.6	48.6	59.5	69.4
	16	48.0	57.5	65.7	67.5	75.9	84.4	50.0	60.1	67.6
	17	49.8	58.0	65.8	62.8	75.8	84.4	50.5	60.7	69.3
	18	50.4	58.6	66.0	61.9	75.6	84.2	51.6	61.3	70.7
	19	49.5	58.8	68.5	68.0	76.4	87.8	51.8	61.9	71.8
	20	49.8	59.5	70.7	70.3	77.2	89.2	52.3	62.1	73.2
	21	49.6	60.1	69.8	68.5	77.3	90.7	51.8	62.2	73.4
	22	50.4	60.4	68.9	69.8	77.5	87.6	52.2	62.5	71.1
	23	51.4	60.6	69.3	65.3	77.2	87.3	54.5	62.7	72.0
	24	52.0	60.8	70.0	67.6	77.8	90.3	55.0	63.1	74.8
	25	52.5	60.6	71.8	66.2	79.4	93.9	53.4	63.1	78.8
	26	50.9	60.7	72.1	61.9	79.5	92.8	51.8	62.9	81.7
	27	51.3	60.7	71.1	64.9	78.1	90.7	52.3	63.1	84.2
	28	52.9	61.3	71.2	63.9	77.9	91.4	54.3	63.6	81.1
	29	54.7	62.0	72.3	64.0	78.5	93.0	56.3	64.3	81.5
	30	56.3	62.9	72.9	68.4	79.3	93.2	56.8	65.0	84.0
	31	57.2	63.4	71.4	69.8	80.7	91.4	57.6	66.2	84.6

APPENDIX A

Measured Average Daily Maximum, Minimum and Mean Water Temperature at Monitoring Stations N-10, S-0 and S-4 at Merrimack Station for 1 April - 31 October of 1984 - 2004.

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
JUNE	1	51.1	63.7	74.5	68.5	82.3	93.7	52.9	66.6	82.0
	2	58.3	64.7	73.0	68.5	82.7	93.2	53.1	67.2	77.9
	3	59.0	64.5	72.5	71.1	82.6	91.9	53.8	66.2	76.8
	4	52.0	63.9	71.2	73.0	82.7	90.3	55.4	67.3	81.7
	5	54.0	63.9	70.3	71.8	81.6	88.5	56.1	67.3	80.1
	6	55.0	63.7	70.9	70.0	80.6	89.4	59.9	67.1	79.9
	7	54.0	63.9	72.9	65.5	79.7	90.3	61.9	66.6	77.9
	8	55.9	64.8	75.0	68.0	80.4	91.8	59.0	67.4	79.5
	9	61.0	65.9	74.5	66.2	82.1	90.9	60.4	68.4	80.8
	10	62.4	66.5	73.8	65.5	82.7	92.1	61.7	69.1	82.6
	11	61.0	66.7	74.5	64.4	83.7	94.1	61.5	70.1	86.9
	12	62.1	66.8	75.2	64.4	84.0	94.3	61.2	70.4	88.3
	13	61.7	66.9	74.3	64.8	83.1	93.9	62.6	70.5	87.8
	14	60.8	67.3	75.6	66.6	82.8	92.1	63.3	71.1	81.5
	15	59.2	67.8	75.4	67.5	84.3	92.8	62.6	71.6	83.8
	16	56.7	68.5	75.7	69.1	84.9	94.1	61.3	72.2	83.5
	17	58.3	69.0	75.2	70.7	85.0	94.5	62.1	73.2	83.7
	18	59.9	69.2	76.5	71.8	85.0	96.3	63.5	74.4	85.6
	19	61.9	69.8	77.9	72.3	84.9	96.6	65.8	74.3	83.8
	20	62.6	70.4	77.5	74.7	84.8	94.1	66.6	75.5	86.9
	21	64.6	71.0	77.7	76.1	85.9	94.8	68.4	76.2	85.5
	22	66.0	71.2	77.5	77.7	86.5	95.0	70.5	76.4	83.3
	23	65.8	71.4	76.8	77.2	86.9	93.2	70.3	76.4	84.9
	24	66.4	71.5	79.0	75.2	86.3	92.5	69.3	76.0	83.5
	25	64.0	71.1	79.2	77.5	87.6	96.1	68.9	77.1	87.8
	26	64.0	71.9	79.7	79.2	89.7	97.3	68.9	77.8	89.2
	27	66.2	72.5	80.8	78.3	90.3	98.8	69.1	79.1	91.0
	28	64.4	72.7	80.4	78.3	89.3	99.1	69.6	79.3	91.6
	29	64.6	72.8	80.2	72.0	88.1	95.5	68.7	78.9	90.3
	30	65.5	72.9	79.9	71.6	86.9	97.3	68.0	78.9	89.4

APPENDIX A

Measured Average Daily Maximum, Minimum and Mean Water Temperature at Monitoring Stations N-10, S-0 and S-4 at Merrimack Station for 1 April - 31 October of 1984 - 2004

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
JULY	1	67.1	73.0	79.3	73.0	87.1	97.0	69.8	79.9	90.1
	2	67.5	73.6	79.3	70.2	88.3	95.4	70.7	80.2	89.2
	3	66.7	73.5	79.9	68.9	88.3	96.1	69.3	80.1	88.9
	4	66.7	73.7	80.6	68.4	89.4	100.8	68.5	81.0	90.0
	5	68.5	74.1	81.5	70.0	89.8	98.6	69.3	80.9	89.6
	6	68.7	74.5	82.2	69.1	89.9	100.8	69.3	81.8	90.9
	7	69.3	74.8	82.6	77.9	90.9	101.5	71.8	81.2	92.7
	8	70.2	75.2	82.8	79.3	91.6	101.8	73.0	81.4	93.9
	9	70.7	75.5	82.4	78.3	90.5	102.6	73.6	81.9	91.9
	10	68.5	75.2	82.8	80.4	91.5	102.4	71.8	80.1	92.3
	11	68.4	75.0	81.7	78.8	89.2	100.0	71.8	78.8	90.3
	12	69.3	74.8	81.7	76.3	89.6	101.8	71.8	79.3	91.4
	13	67.8	74.8	81.9	70.0	90.7	100.0	69.3	80.2	93.2
	14	66.4	74.8	81.9	76.5	90.9	100.2	68.5	80.5	90.0
	15	67.6	75.0	82.2	80.1	91.7	99.0	68.5	80.7	90.3
	16	68.2	74.9	82.6	80.4	91.6	98.4	69.1	80.8	90.9
	17	69.4	75.0	80.4	83.3	92.4	99.1	70.0	81.1	90.3
	18	69.6	75.1	81.1	84.7	93.2	99.9	69.3	81.3	92.5
	19	70.5	75.5	81.7	85.1	93.6	101.1	70.3	81.3	93.0
	20	68.5	75.5	83.3	82.2	92.6	98.6	68.4	82.0	94.1
	21	67.3	75.8	84.0	82.8	92.0	98.6	67.3	82.0	94.1
	22	67.6	76.0	83.8	77.7	91.0	99.1	67.8	82.9	93.9
	23	66.9	76.6	84.2	82.6	91.6	100.4	67.1	82.9	89.6
	24	66.7	76.6	83.8	78.8	90.9	99.9	66.6	82.6	92.3
	25	67.8	76.5	82.0	82.0	91.9	99.9	69.3	82.9	91.0
	26	67.8	76.5	81.3	85.6	92.2	100.6	68.7	83.3	91.9
	27	68.7	76.0	81.7	86.0	92.7	99.9	68.5	82.9	90.0
	28	68.9	75.8	82.4	84.6	93.1	99.7	69.3	82.5	91.0
	29	68.5	75.7	79.9	82.6	92.8	96.8	69.3	83.0	92.8
	30	70.2	76.0	80.8	81.1	92.0	96.3	71.1	82.4	91.9
	31	70.7	76.3	85.1	77.9	91.6	98.1	70.7	82.0	90.5

APPENDIX A
Measured Average Daily Maximum, Minimum and Mean Water Temperature at Monitoring Stations N-10, S-0
and S-4 at Merrimack Station for 1 April - 31 October of 1984 - 2004.

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
AUGUST	1	69.4	76.1	84.7	77.9	91.0	99.9	69.3	81.8	89.2
	2	69.1	76.3	84.2	79.5	92.6	99.3	70.0	83.0	88.2
	3	69.6	76.3	81.3	80.1	93.9	99.5	72.7	84.3	91.0
	4	71.1	77.1	82.6	81.0	93.9	100.9	72.5	84.8	92.1
	5	71.8	77.1	83.3	84.0	94.5	103.8	74.7	85.2	93.7
	6	72.3	76.9	83.5	77.4	92.3	101.8	76.3	84.2	93.7
	7	72.1	76.6	83.5	76.1	91.3	101.7	75.7	82.7	93.4
	8	72.9	76.3	83.1	79.9	92.2	102.7	75.6	82.7	92.5
	9	71.4	75.9	83.8	79.2	92.5	102.2	74.7	82.3	91.9
	10	71.1	76.1	84.0	79.2	92.5	102.2	72.5	82.9	94.1
	11	71.1	75.9	83.5	85.5	92.9	102.6	73.6	83.2	93.6
	12	69.1	75.6	83.8	83.8	90.9	98.6	73.0	81.6	93.4
	13	68.7	75.5	84.0	75.2	91.7	100.8	72.3	81.1	92.5
	14	72.0	75.6	84.0	73.0	90.4	102.6	71.2	81.8	92.5
	15	64.8	75.1	83.3	77.9	89.9	103.3	71.4	82.0	95.0
	16	69.8	75.3	80.4	80.2	91.2	104.2	72.9	82.2	97.9
	17	68.9	75.4	80.6	80.8	92.4	103.1	73.8	82.0	93.2
	18	68.9	75.4	80.6	81.1	93.5	103.3	74.8	82.8	93.0
	19	70.0	75.2	81.7	80.8	92.4	103.1	75.2	83.2	93.0
	20	70.3	74.7	80.1	74.5	91.0	100.9	73.6	82.1	91.6
	21	70.2	74.2	78.4	76.3	90.5	99.9	71.1	81.0	89.8
	22	68.7	73.6	79.2	79.7	90.0	100.0	70.3	80.4	90.1
	23	69.8	73.6	79.5	80.8	89.5	99.5	69.4	79.9	89.2
	24	70.3	73.4	80.1	72.5	88.2	97.2	70.5	79.3	86.7
	25	68.4	73.0	80.8	73.9	87.3	96.4	69.8	79.1	87.1
	26	68.2	73.3	81.7	70.0	88.4	97.0	70.0	80.2	88.0
	27	67.5	73.8	80.8	77.5	89.8	98.2	71.6	80.9	88.5
	28	67.5	73.9	81.5	75.2	89.4	98.1	70.9	81.4	91.2
	29	65.1	73.6	81.1	73.8	88.8	95.5	68.2	80.6	86.5
	30	64.4	73.2	79.5	74.7	88.5	95.7	68.0	79.5	87.4
	31	64.9	72.5	77.2	75.0	88.9	97.5	69.3	79.6	88.3

APPENDIX A

Measured Average Daily Maximum, Minimum and Mean Water Temperature at Monitoring Stations N-10, S-0 and S-4 at Merrimack Station for 1 April - 31 October of 1984 - 2004.

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
SEPTEMBER	1	65.8	71.6	75.9	75.0	87.0	97.0	71.2	79.3	87.1
	2	65.3	71.0	78.6	75.6	86.4	95.4	72.0	78.4	85.6
	3	65.1	70.6	79.3	72.0	85.8	95.5	73.4	78.9	86.0
	4	64.0	70.0	81.0	69.3	85.2	95.4	66.7	78.0	84.2
	5	62.6	69.5	76.6	68.2	83.4	93.6	68.0	76.9	84.2
	6	62.6	69.2	76.3	73.0	85.0	95.0	68.2	76.8	85.3
	7	61.5	69.1	77.2	73.6	86.3	93.6	68.0	77.6	84.2
	8	60.6	69.5	77.5	72.0	86.8	94.5	67.8	78.0	85.8
	9	60.6	69.5	77.4	64.2	86.0	95.7	65.3	77.6	83.7
	10	61.3	69.2	76.3	66.9	85.8	96.4	66.4	78.2	86.2
	11	61.7	69.1	76.3	74.3	85.6	94.1	69.6	77.6	82.4
	12	60.6	68.4	75.6	75.4	85.6	93.9	71.2	76.8	81.5
	13	59.9	68.0	73.9	74.1	85.4	94.1	70.9	77.1	81.9
	14	59.4	67.9	72.5	67.5	85.0	91.8	69.3	76.5	84.4
	15	58.8	67.7	71.4	68.9	84.5	91.0	66.9	76.7	84.0
	16	58.1	67.3	70.5	70.9	84.7	91.0	66.9	75.5	81.3
	17	57.4	66.4	72.3	67.1	84.1	91.8	64.4	74.9	83.7
	18	57.6	65.8	73.9	71.4	84.2	90.7	62.6	73.9	85.5
	19	58.3	65.1	73.9	68.7	82.9	90.7	61.0	73.6	82.0
	20	59.2	64.8	71.6	73.6	83.4	90.5	61.2	74.0	82.2
	21	60.1	64.6	69.8	77.5	84.0	91.2	62.8	75.1	85.3
	22	59.0	64.7	70.2	77.4	84.1	92.5	63.1	73.7	82.4
	23	59.0	64.2	70.3	70.7	82.3	90.7	62.4	72.3	80.6
	24	59.0	63.5	69.6	66.4	80.5	92.7	63.0	71.5	82.9
	25	57.4	62.7	69.8	71.4	80.7	91.9	63.5	70.7	81.9
	26	56.8	62.1	69.3	72.1	79.8	90.0	62.4	69.6	81.1
	27	54.9	61.6	67.6	68.0	79.6	87.8	61.3	69.2	80.8
	28	56.1	61.6	66.0	66.6	77.9	86.7	61.0	69.1	76.6
	29	55.8	61.2	65.7	57.6	76.5	85.3	59.9	67.6	75.4
	30	54.5	60.7	64.9	60.8	76.5	83.5	58.1	67.3	75.7

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Measured Average Daily Maximum, Minimum and Mean Water Temperature at Monitoring Stations N-10, S-0 and S-4 at Merrimack Station for 1 April - 31 October of 1984 - 2004.

		Station N-10			Station S-0			Station S-4		
		Minimum	Mean	Maximum	Minimum	Mean	Maximum	Minimum	Mean	Maximum
OCTOBER	1	56.1	60.2	63.9	58.5	77.0	83.5	56.7	67.4	74.5
	2	54.5	59.5	63.5	61.7	78.0	85.8	56.8	67.1	76.5
	3	53.1	59.1	63.7	67.1	78.0	86.0	57.9	66.5	74.1
	4	52.7	58.4	63.9	60.4	76.3	84.9	58.1	65.7	74.3
	5	52.5	57.6	64.8	55.9	74.4	86.7	58.3	65.4	72.3
	6	48.9	56.7	64.6	54.3	75.0	84.6	57.2	65.0	73.9
	7	48.9	56.0	62.6	55.4	74.0	81.7	56.3	63.4	67.8
	8	48.6	55.6	59.9	56.3	73.4	82.4	55.0	64.0	69.6
	9	47.7	55.4	61.0	60.3	74.3	82.8	55.2	63.3	70.3
	10	46.0	55.3	61.5	64.4	75.7	82.2	55.9	63.1	69.6
	11	45.5	54.8	59.7	62.1	75.9	81.9	55.8	62.5	70.9
	12	45.1	54.4	58.6	55.8	75.1	82.2	53.4	61.6	68.4
	13	47.7	54.3	59.4	52.3	74.1	83.7	53.1	61.1	70.3
	14	47.7	54.3	59.9	55.0	74.1	87.4	53.8	61.0	68.2
	15	48.9	54.3	60.3	52.0	73.6	88.5	51.8	61.1	70.2
	16	48.9	53.8	59.9	51.8	73.3	87.8	52.0	60.1	68.9
	17	49.5	53.2	60.3	60.3	72.6	84.2	51.6	58.5	66.7
	18	48.7	52.7	57.7	60.6	72.3	81.0	50.9	58.0	68.5
	19	48.0	52.4	56.5	60.6	72.1	82.2	51.3	58.4	70.3
	20	47.5	51.6	57.4	60.3	71.9	84.0	50.7	58.7	72.3
	21	48.2	51.1	58.5	59.0	71.5	79.9	52.2	58.8	72.5
	22	47.1	50.7	58.8	57.6	70.4	78.1	50.0	57.7	68.9
	23	46.8	50.1	59.2	57.0	70.1	79.3	49.5	57.7	71.4
	24	45.5	50.1	59.5	57.7	69.7	84.2	47.5	57.0	70.5
	25	44.6	50.1	59.0	61.2	70.0	82.2	47.8	57.3	69.3
	26	44.1	49.5	57.6	61.7	69.4	78.8	49.3	57.7	69.1
	27	44.2	49.3	56.7	58.1	69.9	77.0	49.1	57.5	68.4
	28	43.9	48.9	55.6	61.7	69.8	75.4	48.4	57.5	69.3
	29	43.3	48.3	55.4	64.9	69.5	77.0	47.3	57.0	69.8
	30	43.0	47.8	55.2	53.1	68.0	77.0	46.8	55.9	70.0
	31	42.3	47.3	55.4	40.8	66.5	73.8	46.0	54.1	64.2