

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/07	ME	DS1	B	7.2	93.6	0.65	28.42	23.01	56.41	3.86	35.14	7.57	48
2010/09/07	ME	DS1	B	7.1	104.2	0.62	28.42	23.01	54.29	3.71	39.04	7.58	41
2010/09/07	ME	DS1	M	4.5	113.2	0.82	28.58	21.89	57.43	3.94	16.92	7.57	26
2010/09/07	ME	DS1	M	4.7	112	0.69	28.51	22.4	56.53	3.87	22.72	7.57	27
2010/09/07	ME	DS1	T	1.2	116.5	0.98	29.36	19.46	74.24	5.1	4.7	7.61	7
2010/09/07	ME	DS1	T	1.3	107.3	0.85	29.32	19.52	73.65	5.06	4.6	7.61	7
2010/09/07	ME	DS2	B	7.6	119.2	0.54	28.49	22.54	56.96	3.9	28.73	7.57	37
2010/09/07	ME	DS2	B	8.1	106.3	0.43	28.48	22.61	55.76	3.82	29.43	7.57	26
2010/09/07	ME	DS2	M	4.7	105.4	0.75	28.59	21.95	58.69	4.03	14.51	7.57	32
2010/09/07	ME	DS2	M	5.1	113.5	0.62	28.61	21.91	58.8	4.03	16.72	7.58	27
2010/09/07	ME	DS2	T	1.3	122.5	0.9	29.13	19.85	70.15	4.82	4.7	7.58	6
2010/09/07	ME	DS2	T	1.2	122.2	0.96	29.3	19.59	72.5	4.98	4.2	7.59	6
2010/09/07	ME	DS3	B	14.2	139.2	0.08	27.55	26.24	50.62	3.45	22.82	7.61	24
2010/09/07	ME	DS3	B	14.5	323.3	0.23	28.23	24.12	52.87	3.6	32.83	7.61	27
2010/09/07	ME	DS3	M	8	111.2	0.28	28.49	22.62	55.29	3.78	22.72	7.57	30
2010/09/07	ME	DS3	M	8.2	106.8	0.43	28.48	22.68	54.91	3.76	24.02	7.57	34
2010/09/07	ME	DS3	T	1.1	111.9	0.73	29.27	19.61	72.33	4.97	4.2	7.58	7
2010/09/07	ME	DS3	T	1	108.8	0.87	29.88	19.24	79.17	5.4	3.8	7.62	9
2010/09/07	ME	DS4	B	6.1	90.1	0.55	28.45	23.13	58.79	4.02	20.22	7.59	29
2010/09/07	ME	DS4	B	6	79.2	0.6	28.45	23.11	57.49	3.93	20.02	7.59	20
2010/09/07	ME	DS4	M	4	100.4	0.83	28.65	21.87	60.73	4.16	12.71	7.57	17
2010/09/07	ME	DS4	M	3.9	83.4	0.7	28.6	22.16	58.71	4.02	15.72	7.57	21
2010/09/07	ME	DS4	T	1.1	103.1	0.94	29.74	19.44	77.79	5.31	3.7	7.61	5
2010/09/07	ME	DS4	T	1.1	96.8	0.81	29	20.56	68.98	4.74	7.11	7.59	5
2010/09/07	ME	DS5	B	5.1	77.3	0.54	28.47	23.15	60.06	4.1	16.82	7.59	18
2010/09/07	ME	DS5	B	4.9	74	0.61	28.47	22.99	58.96	4.03	17.02	7.59	16
2010/09/07	ME	DS5	M	3.5	102.5	0.91	28.84	21.23	65.76	4.51	9.01	7.58	22
2010/09/07	ME	DS5	M	3.5	100.2	0.8	28.71	21.67	60.8	4.17	11.61	7.58	19
2010/09/07	ME	DS5	T	1.2	93.4	0.9	29.43	19.52	76.33	5.23	4.3	7.61	6
2010/09/07	ME	DS5	T	1.1	94.7	0.84	29.89	19.15	79.1	5.39	4.2	7.63	5
2010/09/07	ME	MW1	B	19.1	4.4	0.09	26.72	28.73	48.75	3.32	5.41	7.56	10
2010/09/07	ME	MW1	B	19	3	0.4	26.75	28.66	47.86	3.26	4.8	7.61	7
2010/09/07	ME	MW1	M	10.3	58.6	0.17	26.8	28.45	48.05	3.28	4.5	7.59	7
2010/09/07	ME	MW1	M	10.5	55.2	0.49	26.71	28.73	47.66	3.25	4.8	7.61	6
2010/09/07	ME	MW1	T	1	59.1	0.64	27.95	24.41	61.4	4.2	3.6	7.59	4
2010/09/07	ME	MW1	T	0.9	54	0.52	28.24	23.47	68.74	4.7	3.1	7.62	7
2010/09/07	ME	US1	B	7.1	108.2	0.54	28.28	23.6	55.35	3.78	48.05	7.57	35
2010/09/07	ME	US1	B	7.2	109.4	0.74	28.27	23.62	52.22	3.57	38.74	7.57	41
2010/09/07	ME	US1	M	4.4	126.6	0.95	28.64	21.36	61.63	4.24	4.8	7.57	20
2010/09/07	ME	US1	M	4.5	124.4	0.83	28.45	22.59	57.9	3.97	11.41	7.57	21
2010/09/07	ME	US1	T	0.9	135.3	0.89	29.39	19.41	74.69	5.13	4.6	7.61	5
2010/09/07	ME	US1	T	0.9	119	0.81	29.4	19.49	74.2	5.09	4.6	7.61	5
2010/09/07	ME	US2	B	6.8	116.4	0.62	28.33	23.32	50.96	3.48	27.13	7.56	28
2010/09/07	ME	US2	B	7.2	118	0.7	28.13	24.17	55.01	3.76	25.03	7.57	30
2010/09/07	ME	US2	M	4.2	137.4	0.74	28.7	21.11	59.65	4.1	4.91	7.55	7
2010/09/07	ME	US2	M	4.7	126.3	0.85	28.76	20.65	61.89	4.26	4.7	7.56	11
2010/09/07	ME	US2	T	0.9	134.5	0.88	29.31	19.31	73.01	5.02	4.8	7.6	5
2010/09/07	ME	US2	T	1.2	127.4	0.9	29.25	19.44	71.91	4.95	4.7	7.6	5
2010/09/07	MF	DS1	B	6.8	294.2	0.47	28.51	22.88	61.55	4.21	19.92	7.59	30
2010/09/07	MF	DS1	B	7.2	311.1	0.48	28.39	23.32	58.35	3.99	22.02	7.59	26
2010/09/07	MF	DS1	M	4.7	309.2	0.63	28.73	22.23	63.64	4.35	17.22	7.59	22
2010/09/07	MF	DS1	M	4.6	313.3	0.43	28.74	22.2	63.53	4.34	16.02	7.6	20
2010/09/07	MF	DS1	T	0.8	308.2	0.61	29.46	19.07	74.78	5.14	7.61	7.6	13
2010/09/07	MF	DS1	T	1.1	323.5	0.49	29.51	19.26	75.57	5.18	7.41	7.6	9
2010/09/07	MF	DS2	B	7.2	298.3	0.42	28.43	22.85	60.48	4.14	21.52	7.57	33
2010/09/07	MF	DS2	B	7.1	306.1	0.41	28.7	21.78	61.87	4.24	18.62	7.57	19
2010/09/07	MF	DS2	M	4.2	327.4	0.47	29.37	19.25	71.04	4.88	7.61	7.57	12
2010/09/07	MF	DS2	M	4.6	326	0.49	29.1	20.2	68.24	4.69	10.01	7.58	12
2010/09/07	MF	DS2	T	1.3	337	0.44	29.62	18.09	75.82	5.22	7.61	7.57	9
2010/09/07	MF	DS2	T	1.1	317.3	0.5	29.51	18.64	73.42	5.05	7.01	7.57	12
2010/09/07	MF	DS3	B	7	319.6	0.56	28.61	22.17	61.11	4.19	15.82	7.56	34
2010/09/07	MF	DS3	B	7.6	326.1	0.36	28.32	23.33	56.71	3.88	28.53	7.56	38
2010/09/07	MF	DS3	M	4.5	293.4	0.29	29.2	19.82	67.39	4.63	8.61	7.55	9
2010/09/07	MF	DS3	M	4.6	314.4	0.56	29.25	19.69	67.47	4.64	8.21	7.55	11
2010/09/07	MF	DS3	T	1	303.2	0.27	29.77	17.08	73.46	5.08	9.51	7.52	13
2010/09/07	MF	DS3	T	1.2	283.4	0.27	29.74	17.34	73.25	5.06	9.31	7.53	12
2010/09/07	MF	DS4	B	6.9	316.5	0.44	28.62	22.16	60.84	4.17	12.91	7.55	32
2010/09/07	MF	DS4	B	6.7	326.3	0.46	28.67	22.02	60.73	4.16	11.61	7.55	33
2010/09/07	MF	DS4	B	4.6	291.4	0.45	29.06	20.36	62.82	4.31	8.51	7.53	12
2010/09/07	MF	DS4	M	4.7	275.8	0.49	28.97	20.7	63.13	4.33	8.51	7.54	13
2010/09/07	MF	DS4	T	1.2	229.2	0.28	29.68	17.29	69.51	4.8	10.41	7.5	12
2010/09/07	MF	DS4	T	1	214.5	0.12	29.67	17.38	69.8	4.82	10.11	7.5	14
2010/09/07	MF	DS5	B	7.3	313.9	0.3	28.47	22.71	56.58	3.87	24.12	7.53	16
2010/09/07	MF	DS5	B	7.2	308.9	0.48	28.48	22.7	54.37	3.72	28.33	7.53	18

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/07	MF	DS5	M	4.5	241.3	0.28	29.33	19.27	65.55	4.51	10.41	7.51	17
2010/09/07	MF	DS5	M	4.5	215.1	0.21	28.92	20.46	59.36	4.08	10.41	7.52	14
2010/09/07	MF	DS5	T	1	246.9	0.19	29.77	16.93	71.44	4.94	11.01	7.49	14
2010/09/07	MF	DS5	T	1.2	221.5	0.37	29.78	16.8	72.42	5.01	10.41	7.5	12
2010/09/07	MF	MW1	B	19	52.3	0.07	26.45	29.22	47.2	3.22	19.52	7.64	27
2010/09/07	MF	MW1	B	19.3	101.3	0.12	26.44	29.27	45.8	3.13	16.32	7.65	24
2010/09/07	MF	MW1	M	10.4	264.6	0.05	26.86	28.15	48.49	3.31	10.01	7.64	16
2010/09/07	MF	MW1	M	10.9	267.5	0.18	26.79	28.34	47.88	3.27	10.41	7.64	18
2010/09/07	MF	MW1	T	1	28.2	0.18	27.7	25.73	56.12	3.83	7.61	7.63	11
2010/09/07	MF	MW1	T	0.9	160.8	0.16	27.7	25.73	56.01	3.82	7.41	7.63	10
2010/09/07	MF	US1	B	6.2	295.8	0.43	28.76	22.37	67.39	4.6	16.02	7.6	26
2010/09/07	MF	US1	B	5.6	290.7	0.43	27.96	24.61	51.25	3.5	23.72	7.59	22
2010/09/07	MF	US1	M	4	306.8	0.69	28.67	22.39	63.1	4.31	18.02	7.6	23
2010/09/07	MF	US1	M	4.1	304.3	0.74	28.53	22.75	59.71	4.08	16.52	7.59	21
2010/09/07	MF	US1	T	1.2	299.1	0.76	29.47	20.43	76.34	5.2	8.21	7.64	13
2010/09/07	MF	US1	T	1.3	303.2	0.74	29.33	20.74	74.24	5.06	8.81	7.63	12
2010/09/07	MF	US2	B	8.2	314.7	0.26	28.42	22.97	59.19	4.05	21.32	7.59	23
2010/09/07	MF	US2	B	7.8	281.5	0.33	28.43	22.95	57.79	3.95	20.02	7.59	23
2010/09/07	MF	US2	M	5.1	285	0.39	28.58	22.5	61.08	4.18	21.72	7.59	33
2010/09/07	MF	US2	M	5	305.1	0.33	28.48	22.78	58.78	4.02	23.32	7.59	29
2010/09/07	MF	US2	T	1.2	304.3	0.39	29.22	20.35	70.82	4.85	9.51	7.6	14
2010/09/07	MF	US2	T	1	301.5	0.4	29.14	20.56	69.92	4.79	9.71	7.6	11
2010/09/09	ME	DS1	B	7.1	89.7	0.66	28.36	24.52	58.91	4	30.73	7.61	19
2010/09/09	ME	DS1	B	6.9	112.6	0.81	28.35	24.58	57.61	3.91	39.74	7.61	31
2010/09/09	ME	DS1	M	4.6	104.9	0.78	28.62	23.05	59.51	4.06	12.01	7.56	24
2010/09/09	ME	DS1	M	4.8	95.8	0.81	28.54	23.53	58.41	3.97	14.31	7.58	23
2010/09/09	ME	DS1	T	1.1	105.7	0.92	29.43	21.39	69.6	4.72	4.2	7.57	6
2010/09/09	ME	DS1	T	1	118	1.01	29.71	21.32	72.29	4.88	3.9	7.57	7
2010/09/09	ME	DS2	B	7.2	98.6	0.7	28.51	23.76	60.7	4.13	28.33	7.59	30
2010/09/09	ME	DS2	B	7.2	110.1	0.64	28.55	23.49	59.6	4.06	21.52	7.58	29
2010/09/09	ME	DS2	M	4.3	118.1	0.92	28.9	22.01	63.8	4.35	6.61	7.55	8
2010/09/09	ME	DS2	M	4.6	116.7	0.87	28.98	21.82	65.69	4.48	4.91	7.56	10
2010/09/09	ME	DS2	T	1.3	125.9	0.97	29.47	21.38	71.28	4.83	4.1	7.57	5
2010/09/09	ME	DS2	T	1.2	134	0.99	29.92	21.24	74.28	5	3.3	7.58	4
2010/09/09	ME	DS3	B	14.3	333.4	0.31	28.13	25.85	56	3.79	65.37	7.64	92
2010/09/09	ME	DS3	B	14.2	333.4	0.31	28.21	25.59	56.7	3.84	51.75	7.64	121
2010/09/09	ME	DS3	M	7.8	97.7	0.32	28.54	23.72	60.2	4.09	30.03	7.6	53
2010/09/09	ME	DS3	M	8.2	103.2	0.55	28.48	24.02	59.6	4.05	33.63	7.61	47
2010/09/09	ME	DS3	T	1.2	132.1	0.91	29.38	21.41	69.88	4.74	3.9	7.57	6
2010/09/09	ME	DS3	T	1.2	118.7	0.85	29.41	21.44	71.37	4.84	3.6	7.57	6
2010/09/09	ME	DS4	B	5.9	66.1	0.53	28.34	24.92	60.09	4.07	24.12	7.63	31
2010/09/09	ME	DS4	B	5.9	59.6	0.57	28.43	24.57	60.19	4.08	20.92	7.62	29
2010/09/09	ME	DS4	M	4.1	95	0.86	28.78	22.78	63.28	4.31	12.51	7.58	24
2010/09/09	ME	DS4	M	4.1	94	0.87	28.69	23.36	63.18	4.29	15.52	7.6	31
2010/09/09	ME	DS4	T	1.3	106.6	1	29.49	21.38	72.87	4.94	3.4	7.58	6
2010/09/09	ME	DS4	T	1.2	108.9	1.05	29.5	21.41	72.47	4.91	3.1	7.58	6
2010/09/09	ME	DS5	B	6	84.3	0.64	28.35	24.76	61.08	4.14	35.14	7.63	25
2010/09/09	ME	DS5	B	5.8	78	0.53	28.37	24.79	60.48	4.1	28.33	7.63	25
2010/09/09	ME	DS5	M	3.8	87.7	0.78	28.91	22.66	65.17	4.43	10.31	7.58	18
2010/09/09	ME	DS5	M	3.9	99.1	0.66	28.69	23.32	62.98	4.28	13.01	7.59	18
2010/09/09	ME	DS5	T	1	104.1	0.93	29.38	21.46	72.66	4.93	3.1	7.58	4
2010/09/09	ME	DS5	T	1.3	98.8	0.88	29.51	21.49	72.46	4.91	3.3	7.58	3
2010/09/09	ME	MW1	B	18.8	115.4	0.43	26.96	28.18	53.69	3.66	6.81	7.54	9
2010/09/09	ME	MW1	B	19.1	115.4	0.43	27.06	27.97	53.39	3.63	6.41	7.58	8
2010/09/09	ME	MW1	M	10.1	68.5	0.2	27.03	27.98	53.09	3.61	5.81	7.55	8
2010/09/09	ME	MW1	M	10.8	89.9	0.8	27.06	27.86	52.59	3.58	6.21	7.58	13
2010/09/09	ME	MW1	T	1	77.4	0.57	28.1	25.71	65.39	4.43	4.1	7.59	6
2010/09/09	ME	MW1	T	1.3	51.9	0.6	28.13	25.73	65.58	4.44	4.5	7.6	7
2010/09/09	ME	US1	B	7.4	79.9	0.27	28.13	25.86	55.42	3.75	49.75	7.63	42
2010/09/09	ME	US1	B	7.1	50.9	0.55	28.14	25.89	54.42	3.68	39.64	7.63	53
2010/09/09	ME	US1	M	4.8	103.8	0.74	28.77	21.93	62.01	4.24	5.71	7.55	8
2010/09/09	ME	US1	M	4.6	115.6	0.82	28.82	21.86	62.21	4.25	5.11	7.55	7
2010/09/09	ME	US1	T	1.4	117.7	0.83	29.68	21.1	71.8	4.86	3.8	7.57	4
2010/09/09	ME	US1	T	1.1	119.4	0.82	29.71	21.11	72.5	4.9	3.5	7.57	4
2010/09/09	ME	US2	B	7.1	87.7	0.68	28.18	25.65	54.43	3.68	33.93	7.62	40
2010/09/09	ME	US2	B	7.1	102.7	0.7	28.17	25.71	54.03	3.66	36.14	7.62	46
2010/09/09	ME	US2	M	4.5	123.4	0.78	28.76	22.12	64.12	4.38	4.5	7.56	10
2010/09/09	ME	US2	M	4.7	122.2	0.79	28.72	22.22	62.92	4.3	4.7	7.57	7
2010/09/09	ME	US2	T	1	128	0.93	29.09	21.45	66.12	4.51	5.21	7.55	6
2010/09/09	ME	US2	T	1.3	127.7	0.92	29.05	21.45	66.91	4.57	3.9	7.56	7
2010/09/09	MF	DS1	B	7.1	294.7	0.36	27.89	25.59	52.66	3.58	43.04	7.6	44
2010/09/09	MF	DS1	B	7.1	300.8	0.44	28.19	24.68	53.37	3.63	34.33	7.6	52
2010/09/09	MF	DS1	M	4.5	303	0.46	28.18	24.76	54.37	3.7	49.25	7.59	40
2010/09/09	MF	DS1	M	4.5	290.5	0.56	28.53	23.93	59.29	4.03	31.33	7.6	45

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2010/09/09	MF	DS1	T	0.8	296	0.6	29.13	22.16	69.32	4.71	7.31	7.61	25
2010/09/09	MF	DS1	T	1.1	321.5	0.8	29.1	21.44	71.13	4.85	4.91	7.6	12
2010/09/09	MF	DS2	B	6.9	310.6	0.37	28.46	23.77	57.55	3.92	49.85	7.57	83
2010/09/09	MF	DS2	B	7.2	298.8	0.47	28.21	24.54	55.05	3.75	54.05	7.58	88
2010/09/09	MF	DS2	M	4.5	294.9	0.59	28.74	22.76	60.46	4.12	14.31	7.57	31
2010/09/09	MF	DS2	M	4.5	304.9	0.68	28.75	22.77	60.27	4.1	22.02	7.57	34
2010/09/09	MF	DS2	T	1	302.1	0.63	29.11	21.38	69.49	4.74	6.01	7.59	7
2010/09/09	MF	DS2	T	0.9	316.2	0.67	29.1	21.33	70.3	4.8	5.61	7.59	6
2010/09/09	MF	DS3	B	7	275.9	0.39	27.96	25.32	51.31	3.49	56.16	7.57	56
2010/09/09	MF	DS3	B	7	288.9	0.41	28.33	23.9	51.92	3.54	24.32	7.55	71
2010/09/09	MF	DS3	M	4.2	303.2	0.63	28.75	22.58	59.03	4.02	11.71	7.55	18
2010/09/09	MF	DS3	M	4.6	313.6	0.47	28.71	22.75	58.34	3.98	11.61	7.55	15
2010/09/09	MF	DS3	T	1	302.1	0.63	29.53	19.63	75.77	5.18	4.5	7.59	16
2010/09/09	MF	DS3	T	1.1	307.1	0.67	29.45	19.96	74.08	5.06	5.01	7.59	6
2010/09/09	MF	DS4	B	7.2	307.6	0.37	28.41	23.72	54.2	3.69	28.53	7.54	43
2010/09/09	MF	DS4	B	7	304.7	0.5	28.42	23.69	53.3	3.63	18.72	7.54	32
2010/09/09	MF	DS4	M	4.5	308.1	0.6	28.83	22.22	61.72	4.21	7.21	7.55	11
2010/09/09	MF	DS4	M	4.6	320.8	0.56	28.68	22.75	58.32	3.98	7.61	7.55	14
2010/09/09	MF	DS4	T	1.3	290.6	0.34	29.47	19.55	73.94	5.06	4.7	7.56	5
2010/09/09	MF	DS4	T	1.1	290.2	0.4	29.57	19.22	76.06	5.21	4.6	7.58	9
2010/09/09	MF	DS5	B	7.1	319.1	0.34	28.55	23.7	56.39	3.83	28.33	7.53	42
2010/09/09	MF	DS5	B	6.9	310.5	0.41	28.54	23.72	53.49	3.64	24.02	7.53	32
2010/09/09	MF	DS5	M	4.7	284.3	0.32	28.63	23.42	54.38	3.7	11.21	7.52	16
2010/09/09	MF	DS5	M	4.3	282.2	0.34	28.73	23.04	54.99	3.74	9.31	7.52	12
2010/09/09	MF	DS5	T	0.9	232.1	0.18	29.92	17.84	84.93	5.83	4.6	7.61	6
2010/09/09	MF	DS5	T	1.1	241.4	0.25	29.92	17.85	85.75	5.88	4.7	7.62	6
2010/09/09	MF	MW1	B	18	52	0.2	26.7	29.01	50.63	3.45	17.62	7.67	23
2010/09/09	MF	MW1	B	18.1	81.4	0.29	26.73	29.03	50.03	3.4	18.72	7.66	22
2010/09/09	MF	MW1	M	10.3	102.4	0.18	26.78	28.91	51.14	3.48	15.12	7.67	21
2010/09/09	MF	MW1	M	10.4	81.5	0.29	26.77	28.95	50.44	3.43	16.02	7.66	24
2010/09/09	MF	MW1	T	1	221.8	0.1	27.45	27.06	54.36	3.69	6.71	7.65	12
2010/09/09	MF	MW1	T	1.3	338.6	0.11	26.98	28.21	50.95	3.47	7.51	7.65	16
2010/09/09	MF	US1	B	7	282	0.67	27.83	26.01	54.29	3.69	44.95	7.61	46
2010/09/09	MF	US1	B	7.3	294.3	0.65	27.87	25.85	52.89	3.59	46.65	7.61	55
2010/09/09	MF	US1	M	4.8	286.5	0.71	28.77	23.15	61.32	4.17	12.91	7.59	16
2010/09/09	MF	US1	M	4.5	304.1	0.86	28.71	23.29	60.62	4.12	11.51	7.59	18
2010/09/09	MF	US1	T	0.9	302.6	0.8	29.18	21.83	68.15	4.63	6.11	7.59	10
2010/09/09	MF	US1	T	1.1	305.6	0.7	29.22	21.65	69.36	4.72	5.81	7.59	10
2010/09/09	MF	US2	B	8.1	286	0.63	27.91	25.88	54.52	3.7	38.84	7.62	38
2010/09/09	MF	US2	B	8	276.3	0.52	27.91	25.91	54.03	3.67	41.94	7.63	56
2010/09/09	MF	US2	M	4.6	281.8	0.72	28.68	23.59	62.35	4.23	8.71	7.6	13
2010/09/09	MF	US2	M	4.9	282.6	0.7	28.68	23.54	61.76	4.19	9.61	7.61	16
2010/09/09	MF	US2	T	1	294.6	0.62	29.03	22.34	66.17	4.5	6.51	7.59	8
2010/09/09	MF	US2	T	1.2	290.6	0.78	28.99	22.4	65.18	4.43	7.11	7.59	11
2010/09/11	ME	DS1	B	7	88.4	0.63	28.29	23.74	60.98	4.16	58.86	7.6	104
2010/09/11	ME	DS1	B	7	80.6	0.52	28.28	23.83	61.37	4.19	28.13	7.61	95
2010/09/11	ME	DS1	M	4.5	112	0.76	28.52	22.26	59.08	4.05	7.21	7.57	14
2010/09/11	ME	DS1	M	4.6	96	0.77	28.54	22.13	59.07	4.05	6.91	7.57	12
2010/09/11	ME	DS1	T	1.4	112.8	0.79	28.87	20.12	66.45	4.58	3.4	7.54	4
2010/09/11	ME	DS1	T	1.3	112.8	0.91	28.82	20.1	62.96	4.35	4.3	7.53	5
2010/09/11	ME	DS2	B	7	86.3	0.47	28.35	23.38	60.46	4.13	29.13	7.59	42
2010/09/11	ME	DS2	B	6.6	101.5	0.56	28.39	23.08	58.16	3.98	18.82	7.6	39
2010/09/11	ME	DS2	M	4.7	99.5	0.73	28.69	21.48	62.15	4.27	6.41	7.55	4
2010/09/11	ME	DS2	M	4.6	112.1	0.7	28.67	21.35	61.15	4.2	10.41	7.55	5
2010/09/11	ME	DS2	T	1.5	130.5	0.81	28.78	20.54	63.34	4.37	4.2	7.53	3
2010/09/11	ME	DS2	T	1.2	125.2	0.72	28.79	20.38	62.84	4.33	4.1	7.53	4
2010/09/11	ME	DS3	B	15	8.7	0.27	28.05	24.99	57.26	3.9	56.26	7.64	74
2010/09/11	ME	DS3	B	15.1	346.6	0.27	28.02	25.14	57.75	3.93	64.56	7.63	81
2010/09/11	ME	DS3	M	8.5	109.1	0.18	28.26	23.82	57.16	3.9	31.43	7.61	32
2010/09/11	ME	DS3	M	8.4	94.5	0.13	28.27	23.78	56.75	3.87	27.43	7.6	34
2010/09/11	ME	DS3	T	1.2	119.5	0.66	28.83	19.98	63.83	4.41	3.6	7.53	5
2010/09/11	ME	DS3	T	1.4	116.3	0.75	28.75	20.56	61.13	4.21	4.2	7.52	4
2010/09/11	ME	DS4	B	5.9	64.7	0.38	28.15	24.42	62.02	4.23	24.72	7.61	35
2010/09/11	ME	DS4	B	6.3	67.9	0.58	28.18	24.27	59.63	4.07	25.33	7.61	34
2010/09/11	ME	DS4	M	3.9	98.9	0.59	28.54	22.23	59.63	4.09	10.81	7.56	21
2010/09/11	ME	DS4	M	4.1	91.8	0.55	28.38	23.14	57.73	3.95	17.42	7.58	22
2010/09/11	ME	DS4	T	1.2	94.9	0.64	28.72	20.87	61.72	4.25	4.6	7.53	6
2010/09/11	ME	DS4	T	1.3	94.8	0.68	28.62	21.45	60.92	4.19	7.21	7.55	6
2010/09/11	ME	DS5	B	6	68.2	0.63	28.16	24.18	60.81	4.15	29.63	7.61	46
2010/09/11	ME	DS5	B	6.4	71	0.55	28.16	24.31	62.5	4.26	43.04	7.61	49
2010/09/11	ME	DS5	M	4.1	89.8	0.68	28.45	22.79	58.82	4.03	11.31	7.57	45
2010/09/11	ME	DS5	M	4	84.1	0.46	28.29	23.65	57.22	3.91	14.71	7.6	48
2010/09/11	ME	DS5	T	1.3	97.8	0.73	28.73	20.95	62.99	4.33	4.7	7.53	8
2010/09/11	ME	DS5	T	1.1	81	0.63	28.69	20.3	64.68	4.47	5.01	7.54	7

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/11	ME	MW1	B	19.1	89.8	0.23	27.09	27.77	55.17	3.76	6.21	7.63	6
2010/09/11	ME	MW1	B	19.1	44.4	0.06	27.09	27.79	53.07	3.61	6.91	7.66	7
2010/09/11	ME	MW1	M	10.5	58.2	0.35	27.16	27.57	54.27	3.7	4.4	7.65	6
2010/09/11	ME	MW1	M	10.6	2.5	0.16	27.2	27.48	53.77	3.66	4.7	7.66	5
2010/09/11	ME	MW1	T	1	88	0.72	27.61	26.2	61.07	4.16	3	7.65	4
2010/09/11	ME	MW1	T	1.2	68	0.5	27.65	26.05	59.86	4.08	2.9	7.67	3
2010/09/11	ME	US1	B	7	83.1	0.34	28.22	24.27	60.19	4.1	23.02	7.61	24
2010/09/11	ME	US1	B	7.2	83.9	0.68	28.22	24.36	59.29	4.04	24.62	7.61	26
2010/09/11	ME	US1	M	4.5	112.3	0.7	28.59	21.72	60.09	4.13	5.21	7.56	6
2010/09/11	ME	US1	M	4.7	103.5	0.67	28.58	21.8	59.19	4.06	5.21	7.56	5
2010/09/11	ME	US1	T	1	126.6	0.73	28.88	19.41	63.28	4.38	4	7.52	3
2010/09/11	ME	US1	T	1	129	0.61	28.89	19.26	63.77	4.42	4.91	7.52	5
2010/09/11	ME	US2	B	7.2	101.3	0.55	28.24	24.25	58.22	3.97	19.02	7.62	18
2010/09/11	ME	US2	B	7	109.2	0.52	28.24	24.23	57.72	3.93	20.82	7.62	16
2010/09/11	ME	US2	M	4.4	118.3	0.64	28.59	21.51	62.41	4.29	4.3	7.6	8
2010/09/11	ME	US2	M	4.6	115.4	0.72	28.55	22.14	60.71	4.16	5.21	7.59	8
2010/09/11	ME	US2	T	1.3	131.7	0.63	28.91	19.06	64.4	4.46	4.1	7.54	3
2010/09/11	ME	US2	T	1	135.2	0.76	28.92	18.1	66.39	4.63	3.6	7.53	4
2010/09/11	MF	DS1	B	7	303.9	0.39	28	24.81	54.55	3.72	45.25	7.59	70
2010/09/11	MF	DS1	B	7	298.7	0.43	27.95	24.97	51.55	3.51	56.26	7.6	71
2010/09/11	MF	DS1	M	4.5	304.4	0.57	28.36	23.12	56.04	3.83	16.42	7.57	9
2010/09/11	MF	DS1	M	4.5	301	0.6	28.23	23.73	54.34	3.71	22.52	7.59	9
2010/09/11	MF	DS1	T	1.5	302.2	0.67	28.56	21.57	60.44	4.16	6.81	7.55	35
2010/09/11	MF	DS1	T	1.3	309.9	0.62	28.53	21.95	58.54	4.02	7.91	7.56	38
2010/09/11	MF	DS2	B	7.1	305.7	0.28	28.43	22.96	59.95	4.1	11.61	7.56	13
2010/09/11	MF	DS2	B	7.1	295.9	0.46	28.4	23.13	56.85	3.89	13.91	7.57	15
2010/09/11	MF	DS2	M	4.5	291.3	0.46	28.48	22.57	58.05	3.98	9.61	7.56	13
2010/09/11	MF	DS2	M	4.6	307.6	0.52	28.47	22.67	57.25	3.92	10.01	7.57	14
2010/09/11	MF	DS2	T	1.6	306	0.46	28.64	21.16	60.85	4.19	5.31	7.54	8
2010/09/11	MF	DS2	T	1.2	302.3	0.61	28.56	21.79	59.65	4.1	6.81	7.56	9
2010/09/11	MF	DS3	B	7.1	294.3	0.29	28.33	23.51	56.46	3.86	11.41	7.56	16
2010/09/11	MF	DS3	B	7.1	292.3	0.51	28.32	23.58	54.86	3.75	13.41	7.57	15
2010/09/11	MF	DS3	M	4.5	294.8	0.52	28.42	23.02	56.66	3.87	7.81	7.56	12
2010/09/11	MF	DS3	M	4.5	299	0.55	28.43	22.99	56.55	3.87	8.21	7.57	11
2010/09/11	MF	DS3	T	1.5	281.9	0.33	28.81	19.41	62.25	4.31	4	7.5	4
2010/09/11	MF	DS3	T	1.3	295.6	0.35	28.75	20.31	59.95	4.14	4.3	7.52	5
2010/09/11	MF	DS4	B	7.1	288.6	0.47	28.27	23.71	55.26	3.77	13.31	7.57	18
2010/09/11	MF	DS4	B	7	296.1	0.41	28.27	23.74	53.46	3.65	11.81	7.57	20
2010/09/11	MF	DS4	M	4.5	288.2	0.48	28.32	23.41	54.16	3.7	7.31	7.56	7
2010/09/11	MF	DS4	M	4.5	273.1	0.37	28.35	23.21	53.06	3.63	6.11	7.55	8
2010/09/11	MF	DS4	T	1.3	264.7	0.34	28.98	18.36	66.75	4.64	3.9	7.52	4
2010/09/11	MF	DS4	T	1.2	322.9	0.12	28.83	19.71	61.06	4.22	4.2	7.51	4
2010/09/11	MF	DS5	B	7.3	279.7	0.17	28.25	23.85	56.87	3.88	7.71	7.56	9
2010/09/11	MF	DS5	B	7	305.1	0.33	28.27	23.77	54.27	3.7	7.71	7.57	8
2010/09/11	MF	DS5	M	4.6	267	0.19	28.34	23.42	54.47	3.72	6.91	7.56	8
2010/09/11	MF	DS5	M	4.5	265	0.07	28.35	23.39	53.97	3.69	6.51	7.57	8
2010/09/11	MF	DS5	T	1.3	182.8	0.37	29.23	16.84	83.95	5.86	3.1	7.63	3
2010/09/11	MF	DS5	T	1.1	203.6	0.22	29.22	17.69	73.95	5.14	3.6	7.57	3
2010/09/11	MF	MW1	B	19.1	24.1	0.11	26.17	30.17	49.41	3.37	20.22	7.68	20
2010/09/11	MF	MW1	B	19.1	24.1	0.11	26.37	29.59	47.91	3.27	14.11	7.67	18
2010/09/11	MF	MW1	M	10.5	63.3	0.32	26.66	28.76	51	3.48	14.71	7.66	19
2010/09/11	MF	MW1	M	10.6	75.3	0.38	26.75	28.52	50.9	3.47	12.31	7.66	21
2010/09/11	MF	MW1	T	0.9	30.6	0.12	26.94	27.93	52.4	3.57	9.51	7.65	11
2010/09/11	MF	MW1	T	0.9	324.3	0.12	27.39	26.49	53	3.62	5.71	7.62	12
2010/09/11	MF	US1	B	7.2	276	0.62	27.55	26.41	58.24	3.97	79.98	7.61	95
2010/09/11	MF	US1	B	7	279.5	0.6	27.58	26.25	50.44	3.44	59.86	7.62	60
2010/09/11	MF	US1	M	4.1	300.2	0.77	28.38	22.88	57.24	3.92	13.81	7.58	24
2010/09/11	MF	US1	M	4.5	289	0.77	28.29	23.43	55.14	3.77	16.72	7.59	27
2010/09/11	MF	US1	T	0.9	290.6	0.87	28.59	21.49	62.23	4.28	6.41	7.56	10
2010/09/11	MF	US1	T	1.2	314	0.88	28.58	21.34	61.43	4.23	5.91	7.56	12
2010/09/11	MF	US2	B	6.9	284.4	0.59	27.88	25.17	53.34	3.64	56.36	7.59	75
2010/09/11	MF	US2	B	7.1	273.8	0.85	27.84	25.43	53.33	3.63	82.38	7.6	73
2010/09/11	MF	US2	M	4.3	293.9	0.8	28.35	23	56.53	3.87	19.32	7.56	14
2010/09/11	MF	US2	M	4.7	280.2	0.93	28.43	22.64	57.53	3.94	12.11	7.56	15
2010/09/11	MF	US2	T	1.8	282.9	0.78	28.59	21.52	59.83	4.11	7.71	7.54	8
2010/09/11	MF	US2	T	1.2	283.7	0.92	28.59	21.3	60.72	4.18	6.71	7.54	6
2010/09/13	ME	DS1	B	7.1	106.2	0.32	27.92	22.01	64.43	4.47	8.81	7.58	11
2010/09/13	ME	DS1	B	6.8	135	0.18	27.89	22.26	59.93	4.15	9.51	7.58	13
2010/09/13	ME	DS1	M	4.7	106.6	0.38	27.97	21.2	63.53	4.42	8.51	7.59	14
2010/09/13	ME	DS1	M	4.7	105.9	0.35	27.97	21.26	62.84	4.37	8.61	7.59	12
2010/09/13	ME	DS1	T	1.1	89.9	0.38	28.53	19.34	72.76	5.07	4.91	7.6	8
2010/09/13	ME	DS1	T	1.4	98.8	0.36	28.39	19.82	72.96	5.08	4.6	7.62	7
2010/09/13	ME	DS2	B	7.1	110.3	0.36	27.85	22.69	61.05	4.22	14.81	7.59	20
2010/09/13	ME	DS2	B	7	114.2	0.48	28.03	20.96	63.16	4.4	8.51	7.58	20

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/13	ME	DS2	M	4.5	109.3	0.53	28.04	20.65	63.35	4.42	9.51	7.58	11
2010/09/13	ME	DS2	M	4.5	104.1	0.57	28.08	20.62	65.57	4.57	6.41	7.6	9
2010/09/13	ME	DS2	T	1.2	92.8	0.33	28.38	19.73	67.37	4.69	7.41	7.57	11
2010/09/13	ME	DS2	T	1.3	110.1	0.56	28.51	19.49	69.88	4.87	6.91	7.58	10
2010/09/13	ME	DS3	B	13.1	27.9	0.1	27.44	24.92	59.16	4.07	11.41	7.61	16
2010/09/13	ME	DS3	B	13.2	20.3	0.1	27.39	25.01	53.95	3.71	11.91	7.61	14
2010/09/13	ME	DS3	M	7.5	102.9	0.34	27.9	22.34	59.56	4.12	8.81	7.58	11
2010/09/13	ME	DS3	M	7.6	105.2	0.31	27.88	22.49	58.97	4.08	10.91	7.58	11
2010/09/13	ME	DS3	T	1.1	112.2	0.38	28.72	19.02	75.71	5.27	5.21	7.6	6
2010/09/13	ME	DS3	T	1.3	115.6	0.45	28.68	19.14	74.61	5.19	5.41	7.6	7
2010/09/13	ME	DS4	B	6.2	89.5	0.44	27.79	22.94	62.38	4.31	8.41	7.59	11
2010/09/13	ME	DS4	B	6	85.3	0.29	27.86	22.48	59.18	4.1	8.21	7.59	9
2010/09/13	ME	DS4	M	4	112.5	0.58	28.06	21.2	65.19	4.53	6.31	7.59	10
2010/09/13	ME	DS4	M	4.2	99.5	0.6	28.02	21.46	63.6	4.42	6.51	7.59	8
2010/09/13	ME	DS4	T	1.2	110.7	0.63	28.67	19.02	75.53	5.26	5.11	7.6	6
2010/09/13	ME	DS4	T	1.3	108.9	0.67	28.73	18.92	76.74	5.34	4.91	7.61	6
2010/09/13	ME	DS5	B	6.2	82.4	0.42	27.79	23.01	60.09	4.15	7.51	7.59	8
2010/09/13	ME	DS5	B	6	84.3	0.34	27.88	22.49	59.8	4.14	6.91	7.58	10
2010/09/13	ME	DS5	M	4.3	110.4	0.66	28.1	20.78	65.31	4.55	6.31	7.58	5
2010/09/13	ME	DS5	M	4.4	90.5	0.76	28.01	21.59	63.71	4.42	6.31	7.58	7
2010/09/13	ME	DS5	T	1.2	99.7	0.58	28.68	19.01	76.05	5.29	5.01	7.6	8
2010/09/13	ME	DS5	T	1.3	109.7	0.53	28.7	19.01	76.46	5.32	5.01	7.6	6
2010/09/13	ME	MW1	B	17	90.4	0.31	26.75	27.4	53.45	3.67	3.8	7.67	4
2010/09/13	ME	MW1	B	16.9	90.4	0.31	26.77	27.35	52.85	3.63	3.5	7.65	5
2010/09/13	ME	MW1	M	9.5	329.7	0.06	27.1	26.37	56.36	3.87	2.4	7.65	6
2010/09/13	ME	MW1	M	9.9	321.3	0.31	27.25	26.11	57.78	3.96	2.4	7.65	5
2010/09/13	ME	MW1	T	1.5	80.6	0.58	28.49	23.47	74.05	5.05	2.8	7.66	8
2010/09/13	ME	MW1	T	1.2	64.5	0.34	28.68	23.12	77.27	5.26	2.7	7.66	6
2010/09/13	ME	US1	B	7	97	0.21	27.93	22.03	64.92	4.5	7.11	7.6	9
2010/09/13	ME	US1	B	7.1	69.2	0.16	27.96	21.67	62.42	4.33	8.01	7.59	8
2010/09/13	ME	US1	M	4.6	77	0.39	27.99	21.12	64.32	4.48	8.61	7.61	12
2010/09/13	ME	US1	M	4.6	100.4	0.32	27.99	20.99	65.23	4.54	8.51	7.62	10
2010/09/13	ME	US1	T	1.2	78.1	0.37	28.58	18.85	75.44	5.27	3.4	7.62	4
2010/09/13	ME	US1	T	1.4	93.2	0.45	28.61	18.77	75.95	5.3	3.2	7.62	5
2010/09/13	ME	US2	B	7.1	136.1	0.22	27.96	21.92	69.11	4.79	5.81	7.59	6
2010/09/13	ME	US2	B	7.2	105.1	0.2	27.95	21.93	62.6	4.34	5.61	7.59	8
2010/09/13	ME	US2	M	4.6	94.8	0.21	27.94	21.23	65.7	4.57	9.21	7.62	11
2010/09/13	ME	US2	M	4.6	102.6	0.27	27.95	21.32	64.61	4.5	8.61	7.62	10
2010/09/13	ME	US2	T	1.3	88.4	0.5	28.74	18	77.32	5.41	2.7	7.6	4
2010/09/13	ME	US2	T	1.4	101.4	0.4	28.74	18.03	77.33	5.41	2.6	7.61	4
2010/09/13	MF	DS1	B	7.2	269.1	0.19	27.82	22.7	63.54	4.4	19.72	7.57	20
2010/09/13	MF	DS1	B	6.8	247.4	0.16	27.87	22.39	58.56	4.06	21.02	7.56	24
2010/09/13	MF	DS1	M	4.6	352.7	0.17	27.96	21.8	60.59	4.2	11.91	7.56	12
2010/09/13	MF	DS1	M	4.6	348	0.31	27.98	21.65	61.13	4.24	8.81	7.56	11
2010/09/13	MF	DS1	T	1.3	342.1	0.28	28.39	20.27	71.43	4.96	3.2	7.57	6
2010/09/13	MF	DS1	T	1.2	330.6	0.45	28.48	20.09	71.87	4.99	3.1	7.57	6
2010/09/13	MF	DS2	B	6.9	324.9	0.25	27.94	21.66	66.52	4.62	16.12	7.56	19
2010/09/13	MF	DS2	B	7.3	13.7	0.08	27.93	21.71	60.93	4.23	17.22	7.56	20
2010/09/13	MF	DS2	M	4.5	331.7	0.34	27.95	21.52	62.54	4.35	12.81	7.56	15
2010/09/13	MF	DS2	M	4.6	321	0.26	27.96	21.44	61.65	4.29	12.11	7.56	17
2010/09/13	MF	DS2	T	1.3	337.6	0.28	28.22	20.61	66.74	4.64	5.11	7.56	9
2010/09/13	MF	DS2	T	1.4	326.7	0.29	28.4	20.18	69.22	4.81	4.5	7.57	10
2010/09/13	MF	DS3	B	7.1	349.9	0.22	28.06	21.5	67.95	4.71	7.21	7.55	10
2010/09/13	MF	DS3	B	7.2	9.5	0.27	28.09	21.61	58.6	4.06	9.11	7.54	10
2010/09/13	MF	DS3	M	4.7	335	0.3	28.02	21.05	64.6	4.5	7.91	7.57	10
2010/09/13	MF	DS3	M	4.6	331.7	0.34	28.02	21.01	64.42	4.48	7.21	7.57	12
2010/09/13	MF	DS3	T	1.3	318.4	0.45	28.26	20.17	65.83	4.59	5.21	7.55	6
2010/09/13	MF	DS3	T	1.1	317	0.44	28.63	19.21	73	5.08	3.1	7.57	7
2010/09/13	MF	DS4	B	7.3	317.6	0.29	28.16	20.99	65.52	4.55	8.61	7.53	10
2010/09/13	MF	DS4	B	7.3	311.7	0.4	28.11	20.92	67.18	4.67	7.51	7.54	11
2010/09/13	MF	DS4	M	4.7	325.7	0.4	28.14	20.37	67.87	4.73	5.91	7.57	6
2010/09/13	MF	DS4	M	4.4	333.7	0.67	28.33	19.35	75.02	5.24	3.4	7.59	7
2010/09/13	MF	DS4	T	1.4	343.9	0.59	28.67	18.27	73.27	5.12	3.2	7.54	5
2010/09/13	MF	DS4	T	1.1	331.3	0.5	28.72	18.44	75.75	5.29	2.8	7.56	3
2010/09/13	MF	DS5	B	7.1	338.6	0.25	28.22	20.33	66.45	4.63	15.22	7.52	16
2010/09/13	MF	DS5	B	7	341.2	0.17	28.21	20.33	58.34	4.06	13.91	7.51	15
2010/09/13	MF	DS5	M	4.5	335.5	0.45	28.24	19.67	62.59	4.37	11.71	7.52	14
2010/09/13	MF	DS5	M	4.7	331.2	0.39	28.25	19.61	62.11	4.34	12.01	7.51	13
2010/09/13	MF	DS5	T	1	332.7	0.62	29.08	16.38	75.51	5.3	3.4	7.52	5
2010/09/13	MF	DS5	T	1	338.4	0.52	29.19	16.11	76.56	5.37	4	7.52	3
2010/09/13	MF	MW1	B	18.3	97.4	0.33	26.34	28.66	48.98	3.36	12.71	7.63	14
2010/09/13	MF	MW1	B	18.4	97.4	0.33	26.33	28.64	47.39	3.25	10.71	7.66	18
2010/09/13	MF	MW1	M	10.2	122.6	0.07	27.13	25.55	53.49	3.69	6.91	7.62	7
2010/09/13	MF	MW1	M	10.3	39.5	0.07	26.95	26.56	51.51	3.54	5.81	7.64	7

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/13	MF	MW1	T	1.1	81	0.06	28	21.52	65.62	4.56	4.3	7.6	5
2010/09/13	MF	MW1	T	1	27.4	0.24	27.87	22.07	64.65	4.49	3.9	7.62	5
2010/09/13	MF	US1	B	6.9	201.2	0.09	27.76	23.3	61.28	4.23	13.11	7.58	23
2010/09/13	MF	US1	B	7	254.5	0.02	27.75	23.31	58.13	4.01	12.61	7.57	21
2010/09/13	MF	US1	M	4.6	240.9	0.12	27.95	21.67	61.49	4.27	7.71	7.56	14
2010/09/13	MF	US1	M	4.7	256.4	0.12	27.88	22.26	60.08	4.16	6.91	7.56	12
2010/09/13	MF	US1	T	1.4	285	0.4	28.38	19.57	75.01	5.23	3.4	7.58	6
2010/09/13	MF	US1	T	1.4	293.9	0.35	28.26	19.74	72.48	5.06	3.8	7.58	4
2010/09/13	MF	US2	B	6.9	172.2	0.1	27.86	22.32	63.43	4.4	7.01	7.58	8
2010/09/13	MF	US2	B	6.9	192.2	0.06	27.8	22.72	60.27	4.17	7.51	7.57	10
2010/09/13	MF	US2	M	4.6	348	0.18	27.97	21.45	63.02	4.38	7.11	7.56	9
2010/09/13	MF	US2	M	4.6	351.5	0.16	27.98	21.41	63.15	4.39	7.11	7.55	11
2010/09/13	MF	US2	T	1.5	311.7	0.39	28.47	19.36	77.38	5.4	4.4	7.59	6
2010/09/13	MF	US2	T	1.4	327.1	0.43	28.34	19.7	75.05	5.23	5.41	7.57	8
2010/09/15	ME	DS1	B	5.9	89.9	0.38	27.64	25.02	55.84	3.83	8.1	7.53	8
2010/09/15	ME	DS1	B	6.1	94.9	0.41	27.62	25.19	54.15	3.71	8.41	7.54	9
2010/09/15	ME	DS1	M	3.8	106.2	0.37	27.74	24.39	52.22	3.58	7.07	7.51	8
2010/09/15	ME	DS1	M	4.1	91.6	0.42	27.7	24.66	52.74	3.62	6.66	7.52	6
2010/09/15	ME	DS1	T	1.1	116.8	0.74	28.29	21.3	66.01	4.57	2.26	7.52	3
2010/09/15	ME	DS1	T	1.1	157.7	0.62	28.41	21.05	67.34	4.66	1.85	7.52	4
2010/09/15	ME	DS2	B	6	95.6	0.29	27.62	25.26	56.28	3.85	8.71	7.53	12
2010/09/15	ME	DS2	B	6.1	95.6	0.29	27.6	25.43	56.29	3.85	9.64	7.53	10
2010/09/15	ME	DS2	M	4	111.1	0.42	27.82	24.07	54.17	3.72	5.13	7.48	5
2010/09/15	ME	DS2	M	4	111.1	0.42	27.77	24.3	52.57	3.61	5.84	7.48	7
2010/09/15	ME	DS2	T	0.9	128.8	0.64	28.42	20.79	69.68	4.82	1.44	7.5	1
2010/09/15	ME	DS2	T	1.1	128.8	0.64	28.43	20.96	68.68	4.75	1.64	7.5	1
2010/09/15	ME	DS3	B	11.9	52.3	0.28	27.5	25.91	58.63	4.01	12.61	7.56	18
2010/09/15	ME	DS3	B	11.8	38.2	0.19	27.47	26.02	57.93	3.96	12.92	7.55	15
2010/09/15	ME	DS3	M	7	86.8	0.25	27.64	25.19	55.91	3.83	11.07	7.55	17
2010/09/15	ME	DS3	M	6.9	76.9	0.21	27.63	25.28	56.22	3.85	12.3	7.54	16
2010/09/15	ME	DS3	T	1	105.9	0.57	28.32	20.59	71.12	4.94	1.64	7.51	3
2010/09/15	ME	DS3	T	1.1	105.9	0.57	28.43	20.77	69.42	4.81	1.64	7.5	3
2010/09/15	ME	DS4	B	5.8	62.8	0.47	27.61	25.44	58.96	4.03	9.43	7.55	11
2010/09/15	ME	DS4	B	6	65.9	0.34	27.62	25.42	59.27	4.05	8.51	7.55	12
2010/09/15	ME	DS4	M	4	69.9	0.45	27.68	24.94	55.74	3.82	7.69	7.53	9
2010/09/15	ME	DS4	M	4.1	96.6	0.53	27.64	25.22	56.35	3.86	8.3	7.54	9
2010/09/15	ME	DS4	T	1.1	111.7	0.68	28.41	20.83	71.26	4.93	1.44	7.51	3
2010/09/15	ME	DS4	T	1.1	111.7	0.68	28.39	20.81	70.16	4.86	1.54	7.51	3
2010/09/15	ME	DS5	B	5.7	83.9	0.5	27.68	24.98	58.09	3.98	6.25	7.55	13
2010/09/15	ME	DS5	B	5.9	79.4	0.51	27.67	25.05	58.5	4.01	6.77	7.56	15
2010/09/15	ME	DS5	M	4.1	83.8	0.63	28.04	22.83	57.99	3.99	3.18	7.49	6
2010/09/15	ME	DS5	M	4	83.8	0.63	27.8	24.15	54.07	3.71	5.23	7.51	6
2010/09/15	ME	DS5	T	1	106.8	0.64	28.43	20.98	70.7	4.89	1.44	7.52	3
2010/09/15	ME	DS5	T	1.1	106.8	0.64	28.29	21.36	69.91	4.83	1.85	7.53	3
2010/09/15	ME	MW1	B	18.7	74.4	0.17	26.37	28.99	47.64	3.26	2.77	7.37	6
2010/09/15	ME	MW1	B	18.2	56.3	0.18	26.44	28.77	52.25	3.58	3.08	7.42	4
2010/09/15	ME	MW1	M	10.5	228.5	0.04	27.65	24.28	65.76	4.52	1.74	7.44	5
2010/09/15	ME	MW1	M	10.5	58.4	0.08	27.66	24.22	65.57	4.51	1.74	7.48	4
2010/09/15	ME	MW1	T	0.8	93.1	0.56	27.85	23.04	71.77	4.95	1.03	7.47	2
2010/09/15	ME	MW1	T	1.2	103.2	0.49	27.87	22.36	73.48	5.09	0.92	7.51	1
2010/09/15	ME	US1	B	9.1	89.3	0.33	27.52	25.93	55.72	3.81	10.46	7.56	13
2010/09/15	ME	US1	B	9.1	89.3	0.33	27.52	25.82	57.34	3.92	11.28	7.58	12
2010/09/15	ME	US1	M	5.4	124.8	0.53	27.98	23.11	56.32	3.88	4.51	7.49	5
2010/09/15	ME	US1	M	5.5	105.2	0.35	27.76	24.34	52.91	3.63	5.95	7.49	6
2010/09/15	ME	US1	T	1	131.4	0.7	28.29	19.77	72.82	5.08	1.44	7.5	2
2010/09/15	ME	US1	T	1.1	116.8	0.74	28.39	20.06	71.02	4.94	1.33	7.51	1
2010/09/15	ME	US2	B	6.6	105.6	0.42	27.46	25.94	53.08	3.63	14.97	7.55	19
2010/09/15	ME	US2	B	7.2	122.8	0.32	27.45	26.11	54.59	3.73	15.48	7.55	21
2010/09/15	ME	US2	M	4.6	121.7	0.49	27.53	25.23	47.35	3.25	9.84	7.5	12
2010/09/15	ME	US2	M	4.6	133.2	0.53	27.52	25.28	46.95	3.22	10.25	7.49	11
2010/09/15	ME	US2	T	1	96.7	0.52	28.46	19.93	70.27	4.88	1.74	7.51	1
2010/09/15	ME	US2	T	1.1	96.7	0.52	28.45	20.6	66.46	4.6	1.95	7.51	2
2010/09/15	MF	DS1	B	7	54.7	0.12	27.78	24.4	60.5	4.15	5.33	7.6	6
2010/09/15	MF	DS1	B	7	82.1	0.29	27.75	24.6	58.9	4.04	5.64	7.6	8
2010/09/15	MF	DS1	M	4.5	143.1	0.15	28.13	22.65	64.85	4.47	3.69	7.61	10
2010/09/15	MF	DS1	M	4.5	130.8	0.2	28.1	22.68	62.85	4.33	4.1	7.61	8
2010/09/15	MF	DS1	T	0.9	229.7	0.13	28.93	18.72	77.71	5.4	2.15	7.63	5
2010/09/15	MF	DS1	T	1	229.7	0.13	28.39	20.71	67.72	4.69	2.56	7.6	4
2010/09/15	MF	DS2	B	6.9	71.7	0.13	27.72	24.55	57.18	3.92	8.41	7.6	10
2010/09/15	MF	DS2	B	7	64.7	0.13	27.71	24.67	56.9	3.9	8	7.6	11
2010/09/15	MF	DS2	M	4.5	73.8	0.61	27.81	24.07	56.38	3.87	5.84	7.6	7
2010/09/15	MF	DS2	M	4.5	73.8	0.61	27.96	23.28	58.83	4.05	3.9	7.59	5
2010/09/15	MF	DS2	T	0.9	214.1	0.16	28.69	18.81	71.34	4.97	2.36	7.62	7
2010/09/15	MF	DS2	T	1	214.1	0.16	28.77	18.35	75.11	5.24	2.26	7.61	6

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/15	MF	DS3	B	7	94.9	0.16	27.69	24.78	52.36	3.59	10.46	7.59	12
2010/09/15	MF	DS3	B	7	88	0.31	27.73	24.55	54.71	3.75	7.07	7.59	11
2010/09/15	MF	DS3	M	4.5	108.7	0.18	27.87	23.8	57.31	3.94	4.61	7.6	6
2010/09/15	MF	DS3	M	4.5	115.6	0.21	27.86	23.91	57.24	3.93	5.13	7.61	7
2010/09/15	MF	DS3	T	1	124.1	0.18	28.66	19.01	70.43	4.9	2.56	7.62	3
2010/09/15	MF	DS3	T	0.9	112.5	0.4	28.84	18.06	75.01	5.24	2.15	7.61	2
2010/09/15	MF	DS4	B	7	103.9	0.15	27.67	24.87	52.7	3.61	12.61	7.56	8
2010/09/15	MF	DS4	B	7	94.9	0.16	27.78	24.51	57.86	3.97	7.79	7.61	6
2010/09/15	MF	DS4	M	4.5	80.6	0.12	27.92	23.81	61.77	4.24	5.43	7.62	7
2010/09/15	MF	DS4	M	4.5	58.8	0.17	27.93	23.66	61.9	4.25	4.51	7.64	6
2010/09/15	MF	DS4	T	1.1	101.4	0.19	28.43	20.74	69.14	4.79	2.87	7.62	3
2010/09/15	MF	DS4	T	1.1	124.1	0.18	28.44	20.13	67.35	4.68	2.56	7.6	4
2010/09/15	MF	DS5	B	7	43.5	0.08	27.68	25.06	57.06	3.91	11.38	7.59	11
2010/09/15	MF	DS5	B	7	4	0.06	27.71	25.01	59.5	4.07	9.74	7.61	13
2010/09/15	MF	DS5	M	4.5	82.4	0.26	28.06	23.48	66.82	4.59	4.1	7.64	4
2010/09/15	MF	DS5	M	4.5	80.6	0.12	28.24	22.63	70.78	4.86	3.59	7.66	5
2010/09/15	MF	DS5	T	1	120.8	0.14	28.71	18.65	69.75	4.86	2.15	7.57	3
2010/09/15	MF	DS5	T	1	115.9	0.28	28.91	16.66	75.12	5.28	2.46	7.59	4
2010/09/15	MF	MW1	B	19	82	0.08	25.91	30.27	44.94	3.08	6.25	7.57	8
2010/09/15	MF	MW1	B	19	82	0.08	25.88	30.33	42.51	2.91	6.05	7.54	6
2010/09/15	MF	MW1	M	10.5	123.6	0.2	26.55	28.96	53.43	3.65	2.36	7.6	3
2010/09/15	MF	MW1	M	10.5	172.4	0.1	26.59	28.89	53.05	3.62	2.15	7.58	4
2010/09/15	MF	MW1	T	1	103.7	0.16	27.31	26.2	71.83	4.92	2.36	7.67	3
2010/09/15	MF	MW1	T	1	69.5	0.19	27.36	26.27	70.94	4.85	2.05	7.66	3
2010/09/15	MF	US1	B	7	343.4	0.18	27.84	24.29	64.32	4.41	4.72	7.62	6
2010/09/15	MF	US1	B	7	52.2	0.06	27.83	24.3	64.35	4.41	4.92	7.62	7
2010/09/15	MF	US1	M	4.5	95.7	0.11	27.94	23.62	62	4.26	5.84	7.6	8
2010/09/15	MF	US1	M	4.5	95.7	0.11	27.89	23.85	61.21	4.2	5.95	7.6	7
2010/09/15	MF	US1	T	0.9	135.9	0.14	29	18.61	78.11	5.42	2.15	7.64	4
2010/09/15	MF	US1	T	1	97.1	0.29	28.87	19.21	76.32	5.29	2.36	7.64	4
2010/09/15	MF	US2	B	5.9	109.8	0.15	27.64	24.86	64.2	4.4	4.51	7.61	6
2010/09/15	MF	US2	B	5.9	318.8	0.01	27.9	23.96	66.46	4.56	3.69	7.62	6
2010/09/15	MF	US2	M	4	141.5	0.06	28.27	22.85	71.81	4.93	2.97	7.66	5
2010/09/15	MF	US2	M	4	127.4	0.14	28.16	23.33	70.23	4.81	2.97	7.65	4
2010/09/15	MF	US2	T	0.9	143.3	0.39	28.63	20.31	75.07	5.19	2.56	7.65	3
2010/09/15	MF	US2	T	1.1	130.7	0.18	28.39	21.31	71.65	4.95	2.87	7.63	4
2010/09/17	ME	DS1	B	6.1	126.1	0.17	27.67	25.69	60.25	4.11	6.97	7.65	10
2010/09/17	ME	DS1	B	6	126.1	0.17	27.69	25.65	64.1	4.37	7.79	7.65	12
2010/09/17	ME	DS1	M	4.1	102.5	0.42	27.74	25.28	58.34	3.98	4.2	7.64	9
2010/09/17	ME	DS1	M	4.1	87.5	0.36	27.71	25.48	58.15	3.97	6.36	7.65	8
2010/09/17	ME	DS1	T	1	121.6	0.58	29.15	13.6	84.58	6.02	3.79	7.71	3
2010/09/17	ME	DS1	T	0.8	107	0.44	29.29	12.04	86.63	6.2	4.1	7.73	4
2010/09/17	ME	DS2	B	5.8	99.6	0.2	27.72	25.63	67.16	4.58	6.66	7.68	9
2010/09/17	ME	DS2	B	5.9	99.6	0.2	27.69	25.68	62.84	4.29	6.56	7.67	9
2010/09/17	ME	DS2	M	3.9	103.8	0.52	27.76	25.33	62.12	4.24	4	7.67	7
2010/09/17	ME	DS2	M	4	104.9	0.46	28	24.1	63.75	4.36	2.56	7.67	5
2010/09/17	ME	DS2	T	1	114.5	0.64	29.15	13.78	84.45	6	3.59	7.72	4
2010/09/17	ME	DS2	T	1.2	115.6	0.53	29.25	13.38	86.28	6.14	3.79	7.74	4
2010/09/17	ME	DS3	B	10.1	274.1	0.04	26.87	27.84	45.89	3.14	6.46	7.57	9
2010/09/17	ME	DS3	B	9.7	336.4	0.05	26.87	27.87	43.49	2.97	6.56	7.55	11
2010/09/17	ME	DS3	M	6	134.1	0.22	27.75	25.42	61.46	4.19	7.28	7.7	7
2010/09/17	ME	DS3	M	6	116.1	0.44	27.79	25.24	60.28	4.11	5.74	7.68	8
2010/09/17	ME	DS3	T	1	115.6	0.53	29.1	15.45	83.81	5.91	2.97	7.74	3
2010/09/17	ME	DS3	T	1	104.8	0.59	29.5	12.26	87.99	6.27	3.59	7.76	4
2010/09/17	ME	DS4	B	8.7	224	0.08	27.29	26.73	57.07	3.9	6.05	7.65	10
2010/09/17	ME	DS4	B	9.1	307.6	0.03	27.17	27.02	53.84	3.68	6.25	7.62	12
2010/09/17	ME	DS4	M	5.5	112.1	0.29	27.81	25.25	62.94	4.29	8.3	7.73	10
2010/09/17	ME	DS4	M	5.7	131.3	0.19	27.61	25.88	60.22	4.11	8.2	7.7	10
2010/09/17	ME	DS4	T	1	91	0.55	29.29	13.98	86.32	6.11	3.59	7.76	4
2010/09/17	ME	DS4	T	1.1	91	0.55	29.84	10.85	91.5	6.53	4	7.81	4
2010/09/17	ME	DS5	B	6.1	96.7	0.27	27.54	26.01	62.17	4.24	6.46	7.67	8
2010/09/17	ME	DS5	B	6	110.5	0.23	27.63	25.71	63.81	4.36	5.23	7.65	10
2010/09/17	ME	DS5	M	3.9	84.7	0.37	28.86	22.47	82.93	5.65	1.64	7.75	5
2010/09/17	ME	DS5	M	3.9	80.6	0.29	28.18	22.94	69.48	4.77	4.51	7.69	6
2010/09/17	ME	DS5	T	1.1	97.5	0.59	29.5	13.02	89.22	6.33	2.97	7.78	5
2010/09/17	ME	DS5	T	1.1	88.4	0.55	29.38	13.86	88.33	6.25	3.18	7.75	6
2010/09/17	ME	MW1	B	19.2	26.4	0.18	26.07	30.16	55.74	3.81	2.36	7.59	13
2010/09/17	ME	MW1	B	19	72.1	0.26	26.09	30.09	55.05	3.76	2.56	7.62	16
2010/09/17	ME	MW1	M	10.5	9	0.1	28.29	24.15	89.06	6.07	1.54	7.84	4
2010/09/17	ME	MW1	M	10.6	358.7	0.13	28.25	24.32	89.78	6.11	1.54	7.85	4
2010/09/17	ME	MW1	T	0.9	76.9	0.42	28.62	18.74	93.77	6.54	0.92	7.81	3
2010/09/17	ME	MW1	T	0.8	94.3	0.43	28.64	19.12	91.09	6.34	0.92	7.82	2
2010/09/17	ME	US1	B	6.8	81.8	0.29	27.64	25.82	59.6	4.07	5.23	7.64	8
2010/09/17	ME	US1	B	6.8	63.5	0.26	27.64	25.84	60.63	4.13	5.23	7.64	7

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/17	ME	US1	M	4.4	117.7	0.37	27.9	24.49	61.72	4.22	2.15	7.64	5
2010/09/17	ME	US1	M	4.5	108.4	0.49	27.78	25.01	58.71	4.01	2.46	7.62	5
2010/09/17	ME	US1	T	1.1	121.6	0.58	29.12	13.5	83.01	5.91	3.49	7.68	7
2010/09/17	ME	US1	T	1	121.6	0.58	29.18	13.12	84.85	6.05	3.9	7.7	8
2010/09/17	ME	US2	B	7.2	102.9	0.24	27.6	26.14	61.37	4.18	5.84	7.58	10
2010/09/17	ME	US2	B	7	102.9	0.24	27.64	25.93	63.2	4.31	4.82	7.61	11
2010/09/17	ME	US2	M	4.5	115.2	0.38	27.78	25.1	59.26	4.05	2.36	7.57	4
2010/09/17	ME	US2	M	4.7	117.7	0.4	27.94	24.95	62.9	4.29	2.36	7.62	5
2010/09/17	ME	US2	T	1.1	120.6	0.7	29.21	13.1	84.06	5.99	3.79	7.67	6
2010/09/17	ME	US2	T	1.1	124.1	0.62	29.3	13.07	84.28	6	3.69	7.69	7
2010/09/17	MF	DS1	B	6.9	23.7	0.19	27.84	24.8	71.56	4.89	7.07	7.7	11
2010/09/17	MF	DS1	B	6.9	47.7	0.15	27.84	24.76	70.16	4.8	8	7.71	11
2010/09/17	MF	DS1	M	4.5	170.5	0.21	28.75	18.91	97.15	6.76	4.1	7.91	6
2010/09/17	MF	DS1	M	4.3	246.3	0.14	28.37	22.75	94.85	6.5	4.1	7.83	6
2010/09/17	MF	DS1	T	1.1	145.2	0.3	29.53	15.23	102.94	7.21	2.97	7.92	5
2010/09/17	MF	DS1	T	1.1	132.6	0.14	29.43	14.98	103.24	7.26	3.08	7.94	3
2010/09/17	MF	DS2	B	7.3	76.1	0.27	27.87	24.72	73.76	5.04	7.07	7.7	10
2010/09/17	MF	DS2	B	7	13.9	0.15	27.86	24.74	70.76	4.84	6.97	7.7	9
2010/09/17	MF	DS2	M	4.4	263.3	0.14	29.32	18.69	121.84	8.41	3.08	8.05	6
2010/09/17	MF	DS2	M	4.3	282.5	0.11	28.29	23.1	87.15	5.97	4.2	7.81	6
2010/09/17	MF	DS2	T	1.4	109.1	0.23	29.52	14.32	105.75	7.45	3.18	7.98	4
2010/09/17	MF	DS2	T	1.3	329	0.05	29.48	15.83	106.34	7.43	2.97	7.96	6
2010/09/17	MF	DS3	B	7.2	82.7	0.13	27.74	25.18	64.97	4.44	9.53	7.66	12
2010/09/17	MF	DS3	B	7.1	335.9	0.1	27.81	24.91	68.27	4.67	7.48	7.67	14
2010/09/17	MF	DS3	M	4.4	275.4	0.24	28.61	22.08	100.25	6.87	2.77	7.87	5
2010/09/17	MF	DS3	M	4.5	263.3	0.14	28.44	22.61	92.46	6.33	2.97	7.84	5
2010/09/17	MF	DS3	T	1.2	102.7	0.21	29.51	14.39	103.05	7.26	3.08	7.94	3
2010/09/17	MF	DS3	T	1.2	109.1	0.23	29.38	16.17	103.35	7.22	3.08	7.92	4
2010/09/17	MF	DS4	B	6.8	46.2	0.23	27.87	24.68	70.57	4.83	6.77	7.67	9
2010/09/17	MF	DS4	B	7	18.4	0.09	27.81	25	67.57	4.62	7.28	7.67	9
2010/09/17	MF	DS4	M	4.4	292.3	0.19	28.39	22.7	92.36	6.33	2.97	7.82	8
2010/09/17	MF	DS4	M	4.5	292.3	0.19	28.42	22.57	92.66	6.35	3.59	7.84	10
2010/09/17	MF	DS4	T	1.4	102.7	0.21	29.46	14.66	104.26	7.34	3.08	7.92	4
2010/09/17	MF	DS4	T	1.2	102.7	0.21	29.58	13.12	107.05	7.58	3.18	7.98	6
2010/09/17	MF	DS5	B	7.9	31.5	0.16	27.75	25.35	61.48	4.2	8.2	7.58	13
2010/09/17	MF	DS5	B	8.2	21.2	0.12	27.74	25.4	59.78	4.08	9.43	7.62	14
2010/09/17	MF	DS5	M	4.9	15.7	0.15	27.99	24.2	73.27	5.01	5.84	7.68	9
2010/09/17	MF	DS5	M	5.3	3	0.12	28.07	23.81	75.97	5.2	5.23	7.73	7
2010/09/17	MF	DS5	T	1.3	9.1	0.2	29.23	17.07	97.76	6.82	2.97	7.84	6
2010/09/17	MF	DS5	T	1.2	10	0.05	29.55	14.39	106.36	7.48	3.28	7.95	7
2010/09/17	MF	MW1	B	18.9	34.4	0.14	24.94	32.1	35.17	2.42	4.2	7.52	7
2010/09/17	MF	MW1	B	18.8	70.8	0.19	25.08	31.86	35.97	2.48	4	7.52	9
2010/09/17	MF	MW1	M	10.4	61	0.08	25.35	31.36	38.26	2.63	4	7.54	7
2010/09/17	MF	MW1	M	10.4	61	0.08	25.35	31.37	37.26	2.56	4.31	7.54	9
2010/09/17	MF	MW1	T	1.1	83.1	0.17	28.3	24.18	113.99	7.76	2.67	8	5
2010/09/17	MF	MW1	T	1.2	77.2	0.32	28.25	24.41	111.29	7.57	2.77	7.99	5
2010/09/17	MF	US1	B	7.7	36.3	0.06	27.63	25.58	64.26	4.39	92.05	7.67	175
2010/09/17	MF	US1	B	6.8	205.3	0.06	27.86	24.61	69.46	4.75	93.8	7.71	162
2010/09/17	MF	US1	M	4.7	194.9	0.09	28.44	22.67	90.95	6.23	47.3	7.86	60
2010/09/17	MF	US1	M	4.6	232.4	0.09	28.39	22.77	89.05	6.1	27.57	7.84	67
2010/09/17	MF	US1	T	1.1	137.7	0.21	29.43	15.74	104.74	7.33	38.44	7.95	8
2010/09/17	MF	US1	T	1.1	85.6	1.09	29.51	15.64	105.83	7.4	26.04	7.96	6
2010/09/17	MF	US2	B	6.3	334.2	0.25	27.8	25.28	80.25	5.48	2.67	7.7	9
2010/09/17	MF	US2	B	6.2	28.6	0.19	27.68	25.72	76.85	5.24	2.05	7.69	7
2010/09/17	MF	US2	M	4	176.8	0.09	28.55	22.28	101.33	6.94	2.46	7.89	6
2010/09/17	MF	US2	M	4	176.8	0.09	28.46	22.58	97.13	6.65	2.67	7.87	6
2010/09/17	MF	US2	T	0.9	129.6	0.38	29.47	14.75	103.83	7.3	10.15	7.94	11
2010/09/17	MF	US2	T	0.9	129.6	0.38	29.42	14.69	103.13	7.26	6.46	7.95	12
2010/09/20	ME	DS1	B	7	111.1	0.22	27.44	20.74	58.9	4.15	9.23	7.66	12
2010/09/20	ME	DS1	B	7	81.9	0.34	27.45	20.75	61.02	4.3	9.23	7.67	13
2010/09/20	ME	DS1	M	4.3	93.1	0.53	28.37	18.54	85.24	5.98	3.18	7.84	5
2010/09/20	ME	DS1	M	4.5	107.9	0.74	28.45	16.19	88.76	6.3	2.97	7.87	6
2010/09/20	ME	DS1	T	1.2	128.1	0.86	28.95	14.93	116	8.22	2.36	8.01	4
2010/09/20	ME	DS1	T	1.4	127.9	0.85	28.94	15.64	113.6	8.02	2.46	8.02	6
2010/09/20	ME	DS2	B	14.1	193	0.04	26.33	21.62	48.37	3.45	11.89	7.58	16
2010/09/20	ME	DS2	B	13.5	140.2	0.21	26.38	23.16	51.59	3.65	10.76	7.61	19
2010/09/20	ME	DS2	M	7	94.2	0.23	27.63	18.79	63.25	4.49	8.61	7.7	17
2010/09/20	ME	DS2	M	7.9	51.6	0.22	27.66	19.27	59.54	4.21	11.69	7.7	14
2010/09/20	ME	DS2	T	1.3	127.9	0.85	28.99	15.37	114.34	8.08	2.77	8.02	4
2010/09/20	ME	DS2	T	1.1	125.2	0.84	29.13	14.08	108.42	7.7	3.59	7.97	5
2010/09/20	ME	DS3	B	14.1	352.9	0.11	26.3	23.53	51.41	3.63	10.76	7.63	14
2010/09/20	ME	DS3	B	14.2	0.4	0.14	26.3	23.19	53.83	3.81	9.12	7.64	16
2010/09/20	ME	DS3	M	8.1	67.5	0.33	27.73	21.04	64.49	4.51	9.43	7.73	10
2010/09/20	ME	DS3	M	7.8	63.4	0.31	27.72	20.96	63.79	4.46	9.53	7.73	9

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/20	ME	DS3	T	1	125.2	0.84	28.83	14.74	104.03	7.4	3.59	7.96	5
2010/09/20	ME	DS3	T	1.2	112.1	0.88	28.99	16.72	101.22	7.1	4.1	7.95	5
2010/09/20	ME	DS4	B	5.9	83.9	0.48	28.32	23.57	90.07	6.15	3.59	7.89	6
2010/09/20	ME	DS4	B	6	75.3	0.63	28.28	18.99	88.37	6.19	3.9	7.88	6
2010/09/20	ME	DS4	M	4	95.4	0.68	28.58	22.36	96.82	6.63	3.38	7.93	5
2010/09/20	ME	DS4	M	4.1	89.1	0.78	28.52	16.5	94.51	6.69	3.38	7.92	7
2010/09/20	ME	DS4	T	1.2	105.9	0.95	28.85	15.4	103.16	7.31	3.38	7.94	5
2010/09/20	ME	DS4	T	1.4	105.9	0.95	28.9	15.56	102.77	7.26	3.38	7.94	4
2010/09/20	ME	DS5	B	5	87.4	0.77	28.62	16.63	99.86	7.05	2.87	7.94	5
2010/09/20	ME	DS5	B	4.8	88.2	0.69	28.61	18.83	99.88	6.97	2.56	7.9	5
2010/09/20	ME	DS5	M	3.5	84.2	0.77	28.76	16.18	101.78	7.19	3.18	7.94	5
2010/09/20	ME	DS5	M	3.5	104.1	0.71	28.68	16.42	100.18	7.07	3.38	7.91	6
2010/09/20	ME	DS5	T	1.3	105.9	0.95	28.94	14.16	105.31	7.5	3.59	7.94	6
2010/09/20	ME	DS5	T	1	102.4	0.92	28.76	15.18	101.59	7.21	3.59	7.92	5
2010/09/20	ME	MW1	B	18.8	49.2	0.27	24.5	25.28	38.34	2.77	6.05	7.39	10
2010/09/20	ME	MW1	B	18.7	49.2	0.27	24.52	25.34	37.04	2.67	5.84	7.44	9
2010/09/20	ME	MW1	M	10.2	128.1	0.03	25.06	25.74	37.24	2.66	2.77	7.45	5
2010/09/20	ME	MW1	M	10.3	307.5	0.12	25.05	25.37	37.44	2.68	3.49	7.47	7
2010/09/20	ME	MW1	T	1	57.4	0.31	28.2	17.01	105.32	7.47	1.64	7.98	3
2010/09/20	ME	MW1	T	1	82.2	0.54	28.33	17	108.13	7.66	1.64	8.03	3
2010/09/20	ME	US1	B	7	84.1	0.52	27.69	18.63	56.67	4.02	4.72	7.62	6
2010/09/20	ME	US1	B	7.1	82.3	0.52	27.6	20.75	56.47	3.97	4.92	7.61	6
2010/09/20	ME	US1	M	4.3	121.3	0.56	28.4	16.66	88.52	6.27	2.77	7.83	5
2010/09/20	ME	US1	M	4.6	122.7	0.58	28.3	18.2	83.91	5.91	2.97	7.81	7
2010/09/20	ME	US1	T	0.9	135.1	0.97	29.03	15.41	113.64	8.02	2.77	7.98	5
2010/09/20	ME	US1	T	1.4	130.1	0.86	29.01	16.97	114.96	8.05	2.46	8.01	6
2010/09/20	ME	US2	B	6.9	79.1	0.42	27.24	21.19	46.3	3.26	9.84	7.57	14
2010/09/20	ME	US2	B	7.2	102.8	0.44	27.21	21.36	46.71	3.29	10.46	7.56	13
2010/09/20	ME	US2	M	4.6	126.5	0.55	28.21	17.86	80.56	5.69	2.97	7.78	6
2010/09/20	ME	US2	M	4.5	110.6	0.52	28.31	17.17	82.27	5.82	3.08	7.79	5
2010/09/20	ME	US2	T	1	141	0.91	29.05	14.49	109.39	7.76	3.59	7.95	7
2010/09/20	ME	US2	T	1.2	135.1	0.97	29.06	14.73	110.1	7.8	3.18	7.95	6
2010/09/22	MF	DS1	B	7.9	7.2	0.06	27.03	23.09	62.11	4.35	19.92	7.62	43
2010/09/22	MF	DS1	B	7.8	285.7	0.23	26.91	23.57	59.01	4.13	28.53	7.63	46
2010/09/22	MF	DS1	M	5.2	327.1	0.25	27.21	21.54	67.59	4.76	14.21	7.63	17
2010/09/22	MF	DS1	M	5.1	310.3	0.39	27.2	21.61	67.38	4.74	15.12	7.63	8
2010/09/22	MF	DS1	T	1.3	315.2	0.48	27.49	16.65	81.15	5.84	3.5	7.6	5
2010/09/22	MF	DS1	T	1.3	317.1	0.53	27.45	16.66	82.73	5.96	3.5	7.61	19
2010/09/22	MF	DS2	B	7.1	312.2	0.29	27.17	22.28	65.21	4.57	11.01	7.61	15
2010/09/22	MF	DS2	B	7	275.5	0.27	27.16	22.36	63.42	4.45	11.91	7.62	13
2010/09/22	MF	DS2	M	4.5	339.2	0.45	27.26	21.12	68.5	4.83	8.71	7.62	13
2010/09/22	MF	DS2	M	4.6	312.8	0.47	27.24	21.31	67.7	4.77	9.81	7.62	12
2010/09/22	MF	DS2	T	1.3	315	0.44	27.54	17.38	77.28	5.53	4.1	7.57	7
2010/09/22	MF	DS2	T	1.4	309.5	0.32	27.5	16.88	78.67	5.65	4.2	7.59	5
2010/09/22	MF	DS3	B	7.1	307.5	0.25	27.14	22.5	64.63	4.53	13.81	7.62	17
2010/09/22	MF	DS3	B	7	291	0.27	27.14	22.48	64.03	4.49	14.01	7.63	12
2010/09/22	MF	DS3	M	4.8	316.6	0.35	27.26	21.43	65.93	4.64	7.11	7.6	10
2010/09/22	MF	DS3	M	4.7	322.1	0.26	27.25	21.59	65.42	4.6	7.41	7.61	13
2010/09/22	MF	DS3	T	1.3	287.4	0.27	27.51	17.74	76.8	5.49	4.6	7.57	6
2010/09/22	MF	DS3	T	1.4	276.3	0.28	27.53	16.24	79.98	5.77	4.6	7.58	5
2010/09/22	MF	DS4	B	7.1	318.4	0.28	27.3	22.4	61.95	4.33	9.11	7.56	11
2010/09/22	MF	DS4	B	7.1	230.8	0.14	27.32	22.17	62.25	4.36	8.31	7.58	13
2010/09/22	MF	DS4	M	4.7	305.6	0.31	27.33	20.83	67.34	4.75	6.31	7.59	10
2010/09/22	MF	DS4	M	4.6	307.1	0.3	27.32	20.84	66.34	4.68	6.41	7.6	9
2010/09/22	MF	DS4	T	1.4	269.8	0.27	27.53	17.75	73.12	5.23	5.71	7.56	5
2010/09/22	MF	DS4	T	1.4	270	0.21	27.56	17.79	72.52	5.18	5.51	7.56	6
2010/09/22	MF	DS5	B	7	313.5	0.08	27.28	22.28	60.27	4.22	12.61	7.53	12
2010/09/22	MF	DS5	B	4.4	224.8	0.23	27.4	20.67	62.27	4.39	8.61	7.52	14
2010/09/22	MF	DS5	B	6.9	301.3	0.16	27.29	22.36	60.17	4.21	11.81	7.56	10
2010/09/22	MF	DS5	M	4.6	270.5	0.23	27.42	20.73	62.96	4.44	8.21	7.54	9
2010/09/22	MF	DS5	T	1.1	214.4	0.3	27.58	15.68	78.43	5.67	7.31	7.52	7
2010/09/22	MF	DS5	T	1.3	200.7	0.25	27.56	17.1	72.54	5.2	7.71	7.51	8
2010/09/22	MF	MW1	B	18.8	274.8	0.02	25.21	29.03	50.41	3.52	14.41	7.69	19
2010/09/22	MF	MW1	B	18.7	103.1	0.2	25.2	29.06	48.82	3.41	14.41	7.69	17
2010/09/22	MF	MW1	M	10.5	225	0.15	25.37	28.57	50.41	3.52	12.61	7.68	17
2010/09/22	MF	MW1	M	10.4	153.7	0.09	25.38	28.58	49.81	3.48	13.21	7.69	16
2010/09/22	MF	MW1	T	1	331.1	0.09	26.17	25.94	58.07	4.06	6.91	7.68	12
2010/09/22	MF	MW1	T	1.2	241.5	0.13	26.18	25.97	57.76	4.04	5.41	7.68	10
2010/09/22	MF	US1	B	6.9	301.9	0.44	26.93	23.31	62.19	4.35	19.12	7.63	22
2010/09/22	MF	US1	B	7	316.3	0.25	26.93	23.28	61.49	4.31	18.72	7.64	10
2010/09/22	MF	US1	M	4.7	310.3	0.49	27.04	22.55	64.78	4.55	16.42	7.63	23
2010/09/22	MF	US1	M	4.4	312	0.55	26.99	22.87	63.78	4.47	18.02	7.64	21
2010/09/22	MF	US1	T	1.4	303.6	0.74	27.2	21.01	74.15	5.23	7.71	7.65	20
2010/09/22	MF	US1	T	1.4	301.6	0.58	27.21	20.9	74.14	5.24	7.61	7.66	22

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/22	MF	US2	B	8.9	294.8	0.22	26.72	24.33	56.49	3.95	23.32	7.64	30
2010/09/22	MF	US2	B	9	270.7	0.18	26.73	24.27	57.98	4.05	23.62	7.63	31
2010/09/22	MF	US2	M	5.3	298.5	0.38	27.05	22.43	64.26	4.51	17.52	7.63	7
2010/09/22	MF	US2	M	5.6	294.5	0.48	27.01	22.62	64.05	4.5	20.62	7.63	7
2010/09/22	MF	US2	T	1.1	306.6	0.61	27.28	20.17	77.11	5.46	4.5	7.62	6
2010/09/22	MF	US2	T	1.7	303.7	0.53	27.26	20.64	75.21	5.31	6.61	7.64	8
2010/09/24	ME	DS1	B	6.8	85.6	0.3	26.52	24.51	51.74	3.62	20.72	7.51	26
2010/09/24	ME	DS1	B	6.8	88.3	0.34	26.53	24.45	50.53	3.54	18.12	7.51	24
2010/09/24	ME	DS1	M	4.3	118.8	0.6	26.7	23.57	52.46	3.68	11.91	7.5	16
2010/09/24	ME	DS1	M	4.3	112.7	0.48	26.69	23.7	52.49	3.68	12.91	7.5	15
2010/09/24	ME	DS1	T	1.1	112.6	0.6	28.49	20.32	72.66	5.04	2.7	7.51	5
2010/09/24	ME	DS1	T	1.4	120.5	0.65	28.26	20.49	69.93	4.86	2.9	7.51	6
2010/09/24	ME	DS2	B	6.2	102.1	0.33	26.61	24.09	52.67	3.69	22.82	7.51	28
2010/09/24	ME	DS2	B	3.8	116.8	0.58	26.92	22.54	55.25	3.89	5.61	7.49	26
2010/09/24	ME	DS2	B	6.2	100.2	0.45	26.63	24	51.57	3.62	19.02	7.51	14
2010/09/24	ME	DS2	M	3.8	113.5	0.51	27.34	21.34	60.11	4.23	4.1	7.49	12
2010/09/24	ME	DS2	T	1.5	132	0.68	28.15	20.48	69.54	4.84	3	7.5	4
2010/09/24	ME	DS2	T	1.2	128	0.75	28.27	20.47	70.3	4.89	2.9	7.5	3
2010/09/24	ME	DS3	B	12.8	328.7	0.03	26.41	25.52	52.16	3.64	40.64	7.53	48
2010/09/24	ME	DS3	B	12.8	47.6	0.36	26.39	25.59	50.23	3.5	39.84	7.53	47
2010/09/24	ME	DS3	M	7.4	109.7	0.15	26.5	24.86	51.14	3.58	24.72	7.52	28
2010/09/24	ME	DS3	M	7.5	69.3	0.11	26.53	24.62	50.65	3.54	22.82	7.51	32
2010/09/24	ME	DS3	T	1	106.7	0.62	27.9	20.67	68.74	4.8	3.3	7.5	6
2010/09/24	ME	DS3	T	1.4	116.2	0.58	27.54	21.17	65.8	4.61	3.5	7.5	8
2010/09/24	ME	DS4	B	6	63.8	0.27	26.55	24.63	53.39	3.73	15.62	7.51	19
2010/09/24	ME	DS4	B	5.8	73.2	0.33	26.57	24.51	51.77	3.62	15.72	7.5	20
2010/09/24	ME	DS4	M	3.8	86.4	0.37	26.75	23.5	53.09	3.72	11.31	7.5	18
2010/09/24	ME	DS4	M	3.9	99.9	0.44	26.8	23.35	53.32	3.74	10.51	7.49	16
2010/09/24	ME	DS4	T	1.2	100.3	0.5	28.28	20.44	70.52	4.9	3	7.5	7
2010/09/24	ME	DS4	T	1.2	105.6	0.65	28.29	20.48	71.59	4.98	3	7.5	6
2010/09/24	ME	DS5	B	5.8	76.2	0.33	26.52	24.93	53.17	3.71	18.72	7.52	22
2010/09/24	ME	DS5	B	5.6	90.5	0.42	26.58	24.67	52.99	3.7	15.52	7.51	24
2010/09/24	ME	DS5	M	3.8	85.8	0.49	26.82	23.27	54.01	3.79	8.91	7.49	14
2010/09/24	ME	DS5	M	3.9	86.4	0.61	26.86	23.22	54.34	3.81	8.71	7.48	13
2010/09/24	ME	DS5	T	1.5	106.2	0.66	27.59	21.2	66.93	4.69	3.5	7.49	3
2010/09/24	ME	DS5	T	1.3	101.1	0.54	27.95	20.9	69.65	4.86	3.3	7.5	5
2010/09/24	ME	MW1	B	18.2	354.6	0.28	25.34	28.46	49.89	3.49	4.4	7.58	6
2010/09/24	ME	MW1	B	18.3	62.6	0.18	25.27	28.62	49.42	3.45	4.5	7.61	6
2010/09/24	ME	MW1	M	10.1	211.5	0.21	25.31	28.53	49.39	3.45	4.3	7.59	5
2010/09/24	ME	MW1	M	10.4	323.4	0.34	25.38	28.25	49.12	3.43	4.1	7.61	6
2010/09/24	ME	MW1	T	1.1	61.1	0.66	27.05	24.55	60.04	4.17	3.6	7.58	6
2010/09/24	ME	MW1	T	1.1	69.8	0.77	27.23	24.46	60.38	4.18	3.9	7.59	4
2010/09/24	ME	US1	B	6.8	86.9	0.28	26.45	24.73	50.73	3.55	35.84	7.52	37
2010/09/24	ME	US1	B	6.8	88.8	0.34	26.41	25	48.8	3.41	48.65	7.52	41
2010/09/24	ME	US1	M	4.6	115.2	0.6	26.95	22.44	56.77	3.99	4.5	7.51	8
2010/09/24	ME	US1	M	4.6	136.1	0.44	27.01	22.33	57.61	4.05	4.4	7.5	8
2010/09/24	ME	US1	T	1.4	138.6	0.79	28.31	20.35	70.58	4.91	2.9	7.51	4
2010/09/24	ME	US1	T	1.5	132.6	0.65	28.66	20.22	73.39	5.08	2.8	7.51	4
2010/09/24	ME	US2	B	6.7	109.7	0.51	26.59	23.85	52.48	3.68	11.11	7.5	32
2010/09/24	ME	US2	B	7.2	106.6	0.49	26.46	24.53	50.46	3.54	24.12	7.51	28
2010/09/24	ME	US2	M	4.4	132.4	0.61	27.09	22.02	57.18	4.02	4.5	7.49	6
2010/09/24	ME	US2	M	4.7	127.7	0.56	27	22.27	55.98	3.94	4.6	7.49	6
2010/09/24	ME	US2	T	1.3	131.4	0.68	28.27	20.33	70.37	4.9	2.9	7.49	3
2010/09/24	ME	US2	T	1.4	136.8	0.6	28.81	20.14	73.47	5.07	2.9	7.51	5
2010/09/24	MF	DS1	B	7.7	280.6	0.69	26.12	25.81	51.38	3.6	18.92	7.57	13
2010/09/24	MF	DS1	B	7.9	284.3	0.49	25.93	26.42	48.37	3.39	25.03	7.58	17
2010/09/24	MF	DS1	M	5	284.3	0.53	26.67	23.86	53.89	3.78	10.11	7.55	16
2010/09/24	MF	DS1	M	4.8	284.3	0.53	26.63	23.95	53.19	3.73	11.31	7.55	16
2010/09/24	MF	DS1	T	1.4	289	0.52	27.39	22.03	65.73	4.6	4.4	7.56	7
2010/09/24	MF	DS1	T	1	289	0.52	27.4	22.03	65.64	4.59	4.6	7.57	7
2010/09/24	MF	DS2	B	7.8	303.8	0.37	26.53	24.38	52.66	3.69	28.33	7.54	8
2010/09/24	MF	DS2	B	7.7	307.3	0.39	26.4	24.93	50.66	3.55	29.93	7.55	20
2010/09/24	MF	DS2	M	5.1	307.3	0.55	26.88	23.01	56.28	3.95	9.91	7.54	16
2010/09/24	MF	DS2	M	4.9	300.8	0.34	26.86	23.13	55.38	3.89	9.01	7.54	16
2010/09/24	MF	DS2	T	1.2	303	0.41	27.44	20.85	70.93	4.99	3.6	7.56	6
2010/09/24	MF	DS2	T	1.3	314	0.56	27.37	21.07	70.22	4.94	4.2	7.55	16
2010/09/24	MF	DS3	B	7.1	312.6	0.24	26.58	23.89	53.64	3.77	7.41	7.54	8
2010/09/24	MF	DS3	B	6.9	306.3	0.47	26.6	23.82	53.05	3.72	6.91	7.54	8
2010/09/24	MF	DS3	M	4.1	311.7	0.49	26.8	23.14	54.36	3.82	6.31	7.53	8
2010/09/24	MF	DS3	M	4.4	303.1	0.31	26.7	23.45	53.84	3.78	6.61	7.53	9
2010/09/24	MF	DS3	T	1.3	271.6	0.21	28.02	19.26	70.79	4.98	3.8	7.52	6
2010/09/24	MF	DS3	T	1.1	304.6	0.35	28.19	18.19	75.02	5.29	3.5	7.53	6
2010/09/24	MF	DS4	B	7.2	299.3	0.3	26.46	24.37	52.52	3.68	11.11	7.54	14
2010/09/24	MF	DS4	B	7	305.5	0.32	26.46	24.4	51.02	3.58	11.11	7.54	13

Sampling Date	Tide	Station	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	Suspended Solids (mg/L)
2010/09/29	ME	DS5	B	6	72.7	0.42	27.02	24.52	60.51	4.2	5.71	7.6	6
2010/09/29	ME	DS5	B	6.1	92	0.41	27.04	24.45	60.82	4.22	5.81	7.6	8
2010/09/29	ME	DS5	M	4.1	91	0.46	27.13	24.2	62.72	4.35	4.5	7.62	6
2010/09/29	ME	DS5	M	4.2	88.5	0.47	27.14	24.18	63.14	4.38	4.8	7.61	6
2010/09/29	ME	DS5	T	1.4	90.9	0.37	28.55	20.91	98.97	6.83	2.7	7.77	6
2010/09/29	ME	DS5	T	1.2	94.2	0.41	28.5	21.08	98.39	6.79	2.7	7.77	4
2010/09/29	ME	MW1	B	18.8	77.7	0.32	26.05	28.39	62.13	4.29	4	7.69	5
2010/09/29	ME	MW1	B	18.8	57.6	0.14	26.14	28.18	61.74	4.26	3	7.67	6
2010/09/29	ME	MW1	M	10.4	55.6	0.14	26.16	28.09	62.24	4.3	2.9	7.68	6
2010/09/29	ME	MW1	M	10.5	130.9	0.07	26.14	28.13	61.14	4.22	3.7	7.66	5
2010/09/29	ME	MW1	T	1.4	68.7	0.34	26.79	27	73.05	5.02	1.7	7.7	3
2010/09/29	ME	MW1	T	1.2	63.7	0.39	26.81	26.94	72.26	4.97	2	7.68	4
2010/09/29	ME	US1	B	7.8	121.2	0.18	26.99	24.19	58.88	4.1	5.91	7.6	11
2010/09/29	ME	US1	B	7.9	160.5	0.29	27.07	24.16	59.09	4.11	5.01	7.6	13
2010/09/29	ME	US1	M	5	69.6	0.32	27.31	23.61	64.8	4.5	4.6	7.61	6
2010/09/29	ME	US1	M	4.9	108.4	0.44	27.33	23.55	65.82	4.57	4.4	7.62	7
2010/09/29	ME	US1	T	1.1	76.2	0.21	28.08	22.13	84.37	5.83	3.1	7.7	5
2010/09/29	ME	US1	T	1.3	111.9	0.24	28.46	21.21	94.43	6.52	2.5	7.75	5
2010/09/29	ME	US2	B	7.8	109.6	0.18	26.88	25	56.94	3.95	7.11	7.58	9
2010/09/29	ME	US2	B	8.1	118.4	0.28	26.89	24.99	58.75	4.08	7.71	7.59	8
2010/09/29	ME	US2	M	5	127.8	0.21	27.19	23.92	60.25	4.19	5.71	7.59	6
2010/09/29	ME	US2	M	4.9	116.4	0.25	27.78	22.5	75.6	5.24	3.6	7.66	7
2010/09/29	ME	US2	T	1.2	82.9	0.47	28.46	21.13	92.83	6.41	2.6	7.73	3
2010/09/29	ME	US2	T	1.4	96.1	0.29	28.52	21.07	94.25	6.5	2.5	7.73	4
2010/09/29	MF	DS1	B	7	245.8	0.12	26.89	24.93	58.38	4.05	22.72	7.62	28
2010/09/29	MF	DS1	B	6.9	277.7	0.11	26.85	25.07	56.28	3.91	20.42	7.6	32
2010/09/29	MF	DS1	M	4.3	288.6	0.28	27.34	23.22	63.34	4.41	4.7	7.62	21
2010/09/29	MF	DS1	M	4.6	330.3	0.34	27.21	23.69	59.06	4.11	7.11	7.6	20
2010/09/29	MF	DS1	T	1.4	265.9	0.4	27.73	22.09	71.48	4.97	2.9	7.63	4
2010/09/29	MF	DS1	T	1.1	294.8	0.23	27.79	22.04	72.46	5.04	2.8	7.63	5
2010/09/29	MF	DS2	B	8.1	289.7	0.24	27.13	24.21	61.19	4.25	9.01	7.63	11
2010/09/29	MF	DS2	B	7.9	163.4	0.26	27.05	24.38	59.19	4.11	16.42	7.62	11
2010/09/29	MF	DS2	M	5	292.3	0.14	27.18	23.96	59.2	4.11	9.01	7.62	16
2010/09/29	MF	DS2	M	5	303.1	0.22	27.11	24.09	57.8	4.02	12.71	7.61	18
2010/09/29	MF	DS2	T	1.4	301.8	0.29	27.71	21.94	72.01	5.01	2.5	7.63	4
2010/09/29	MF	DS2	T	1.4	319.9	0.14	27.86	21.57	70.91	4.93	2.4	7.63	4
2010/09/29	MF	DS3	B	7.2	336.5	0.28	27.22	23.84	62.42	4.34	7.81	7.63	12
2010/09/29	MF	DS3	B	7	339.3	0.35	27.24	23.75	64.59	4.49	7.01	7.62	10
2010/09/29	MF	DS3	M	5	313.4	0.38	27.32	23.44	62.02	4.31	6.31	7.63	7
2010/09/29	MF	DS3	M	4.4	308.2	0.32	27.38	23.22	62.8	4.37	5.71	7.62	9
2010/09/29	MF	DS3	T	1.3	318.2	0.39	27.62	22.12	69.86	4.87	3.3	7.63	5
2010/09/29	MF	DS3	T	1.7	308.1	0.43	27.45	22.67	66.97	4.66	3.3	7.62	5
2010/09/29	MF	DS4	B	6.9	310.1	0.4	27.36	23.03	66.62	4.64	6.71	7.6	7
2010/09/29	MF	DS4	B	7.1	320.2	0.38	27.34	23.16	64.53	4.49	7.01	7.62	9
2010/09/29	MF	DS4	M	4.5	336.9	0.42	27.99	21.05	80.84	5.63	2.8	7.66	8
2010/09/29	MF	DS4	M	4.4	335.4	0.41	28.16	21.32	77.45	5.37	3.1	7.65	7
2010/09/29	MF	DS4	T	0.9	323.6	0.41	28.39	19.99	78.55	5.47	4.5	7.61	4
2010/09/29	MF	DS4	T	1.4	329.8	0.39	28.17	20.86	80.82	5.62	2.9	7.66	4
2010/09/29	MF	DS5	B	8	289.7	0.19	27.16	23.99	59	4.1	6.21	7.58	8
2010/09/29	MF	DS5	B	8	289.7	0.19	27.1	24.21	60.08	4.17	10.81	7.59	9
2010/09/29	MF	DS5	M	5.1	330.4	0.44	27.5	22.06	59.1	4.13	4.6	7.56	6
2010/09/29	MF	DS5	M	5	333.6	0.38	27.5	22.06	59.08	4.13	4.91	7.56	5
2010/09/29	MF	DS5	T	1.2	6.6	0.58	28.1	19.1	69.84	4.91	2.6	7.55	5
2010/09/29	MF	DS5	T	1.2	355.6	0.51	28.41	18.44	72.31	5.07	2.8	7.53	3
2010/09/29	MF	MW1	B	18.6	128.4	0.22	25.91	28.46	56.77	3.93	8.91	7.66	12
2010/09/29	MF	MW1	B	18.6	345.8	0.11	25.91	28.46	55.96	3.87	7.31	7.68	12
2010/09/29	MF	MW1	M	9.8	144.5	0.14	26.47	26.52	59.06	4.09	4.3	7.64	8
2010/09/29	MF	MW1	M	10.4	57	0.2	26.39	26.86	58.35	4.04	5.11	7.66	7
2010/09/29	MF	MW1	T	1.3	201.5	0.12	27.31	23.64	62.16	4.32	3	7.59	6
2010/09/29	MF	MW1	T	1.4	206.1	0.11	27.43	23.43	63.85	4.43	2.2	7.6	4
2010/09/29	MF	US1	B	7.2	277.2	0.18	26.85	25.22	58.95	4.09	10.91	7.63	9
2010/09/29	MF	US1	B	6.9	269.3	0.25	26.86	25.17	57.45	3.99	11.41	7.62	8
2010/09/29	MF	US1	M	4.5	310.8	0.4	27.31	23.37	63.81	4.44	4.4	7.62	5
2010/09/29	MF	US1	M	4.4	311.5	0.32	27.26	23.56	63	4.38	4.7	7.62	6
2010/09/29	MF	US1	T	1.3	317	0.57	28.17	21.14	82.56	5.73	2	7.66	4
2010/09/29	MF	US1	T	1.3	303.1	0.45	28.08	21.3	82.25	5.71	2.4	7.66	3
2010/09/29	MF	US2	B	7.8	271.9	0.12	26.86	25.1	60.3	4.18	8.21	7.62	11
2010/09/29	MF	US2	B	8.1	276.4	0.2	26.87	25.14	60.88	4.22	10.71	7.63	10
2010/09/29	MF	US2	M	4.9	313.5	0.33	27.11	24.04	61.09	4.25	4.8	7.61	6
2010/09/29	MF	US2	M	4.9	295.5	0.35	27.35	23.19	65.04	4.52	5.31	7.62	5
2010/09/29	MF	US2	T	1.4	308.7	0.44	28.17	21.31	80.92	5.61	2.8	7.66	2
2010/09/29	MF	US2	T	1.4	283.6	0.31	28.24	21.35	81.2	5.62	2.8	7.67	3