

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/01	MF	DS1	10:26:20	B	2.9	111.9	0.33	29.45	20.19	82.50	5.63	5.30	7.84	6
2014/08/01	MF	DS1	10:27:08	T	1.0	292.4	0.45	30.09	18.66	91.70	6.25	2.60	7.89	4
2014/08/01	MF	DS1	10:27:43	B	3.0	333.6	0.49	29.57	19.81	86.60	5.91	5.20	7.85	5
2014/08/01	MF	DS1	10:28:21	T	0.8	274.0	1.10	29.90	19.01	92.10	6.28	3.20	7.89	4
2014/08/01	MF	DS1	10:29:00	B	3.0	304.0	0.50	29.57	19.79	87.40	5.97	4.60	7.85	5
2014/08/01	MF	DS1	10:29:43	T	1.1	276.6	0.83	29.93	19.00	91.20	6.22	3.40	7.89	3
2014/08/01	MF	DS2	10:11:24	B	3.9	133.2	0.67	29.39	20.26	81.60	5.57	3.00	7.84	5
2014/08/01	MF	DS2	10:11:57	M	3.0	281.0	0.41	29.42	20.15	81.80	5.59	2.80	7.84	7
2014/08/01	MF	DS2	10:12:34	T	1.1	288.5	0.62	29.63	19.59	86.80	5.93	3.00	7.88	5
2014/08/01	MF	DS2	10:13:16	B	3.9	131.7	0.34	29.34	21.41	79.20	5.38	6.60	7.84	5
2014/08/01	MF	DS2	10:13:51	M	2.9	156.0	0.64	29.38	20.31	79.90	5.46	3.80	7.84	7
2014/08/01	MF	DS2	10:15:09	T	0.8	166.1	0.45	29.65	19.57	86.00	5.87	2.90	7.88	5
2014/08/01	MF	DS2	10:15:49	B	3.8	315.1	0.33	29.39	20.91	81.10	5.52	4.40	7.84	5
2014/08/01	MF	DS2	10:16:27	M	3.0	93.2	0.75	29.40	20.24	80.80	5.52	2.70	7.84	7
2014/08/01	MF	DS2	10:16:58	T	0.8	76.2	0.07	29.76	19.48	86.30	5.89	2.60	7.88	5
2014/08/01	MF	DS3	10:00:28	B	6.1	223.5	0.48	29.32	22.76	84.10	5.67	3.80	7.87	4
2014/08/01	MF	DS3	10:00:58	M	4.2	112.5	0.24	29.58	21.27	86.90	5.89	4.20	7.91	5
2014/08/01	MF	DS3	10:01:32	T	1.1	45.4	0.94	29.62	19.73	87.70	5.99	2.60	7.88	6
2014/08/01	MF	DS3	10:02:17	B	5.8	302.5	0.76	28.50	24.45	68.70	4.65	9.40	7.77	4
2014/08/01	MF	DS3	10:02:58	M	4.0	321.2	0.74	29.58	21.65	85.50	5.78	5.90	7.91	5
2014/08/01	MF	DS3	10:03:34	T	1.0	223.7	0.74	29.73	19.70	88.30	6.02	2.60	7.88	6
2014/08/01	MF	DS3	10:04:16	B	6.1	319.7	0.27	29.13	23.07	78.00	5.27	6.60	7.82	4
2014/08/01	MF	DS3	10:05:06	M	4.0	122.1	0.44	29.68	21.33	84.40	5.70	8.80	7.92	5
2014/08/01	MF	DS3	10:05:47	T	0.9	83.8	0.20	29.49	20.01	85.90	5.87	3.00	7.86	6
2014/08/01	MF	DS4	09:51:25	B	5.1	70.5	0.50	29.70	21.83	93.20	6.28	5.90	7.93	8
2014/08/01	MF	DS4	09:52:06	M	3.6	158.0	0.55	29.77	21.43	97.00	6.54	5.30	7.95	6
2014/08/01	MF	DS4	09:52:38	T	0.8	46.3	1.20	29.76	20.12	99.90	6.79	2.80	7.95	4
2014/08/01	MF	DS4	09:53:20	B	4.9	348.8	0.78	29.44	22.59	84.00	5.66	8.20	7.88	8
2014/08/01	MF	DS4	09:53:51	M	3.4	254.9	0.69	29.80	20.96	97.60	6.60	4.10	7.99	6
2014/08/01	MF	DS4	09:54:22	T	1.0	30.6	0.20	29.76	20.36	103.10	7.00	2.70	7.98	4
2014/08/01	MF	DS4	09:55:05	B	4.9	306.5	1.05	29.74	21.80	92.50	6.23	6.40	7.92	9
2014/08/01	MF	DS4	09:55:39	M	3.5	221.3	0.11	29.73	21.35	94.90	6.41	4.70	7.95	6
2014/08/01	MF	DS4	09:56:18	T	1.1	89.9	0.78	29.82	20.01	98.90	6.72	2.60	7.93	4
2014/08/01	MF	DS5	09:43:59	B	1.9	196.2	0.15	29.97	20.95	109.80	7.40	4.10	8.03	4
2014/08/01	MF	DS5	09:44:27	T	1.0	248.6	0.63	29.96	20.70	114.00	7.70	2.90	8.05	4
2014/08/01	MF	DS5	09:44:54	B	1.9	136.1	0.50	29.98	20.58	115.40	7.79	2.90	8.05	5
2014/08/01	MF	DS5	09:45:19	T	1.0	239.2	0.62	29.99	20.47	115.90	7.83	2.80	8.05	4
2014/08/01	MF	DS5	09:45:45	B	1.9	25.0	0.42	29.96	20.69	114.50	7.73	3.70	8.04	4
2014/08/01	MF	DS5	09:46:10	T	1.0	226.4	0.69	29.96	20.38	116.10	7.85	2.60	8.06	4
2014/08/01	MF	US1	10:35:18	B	4.2	95.5	0.16	28.95	21.68	100.30	6.84	5.20	7.81	3
2014/08/01	MF	US1	10:36:08	M	3.0	79.6	0.52	29.02	21.54	74.30	5.07	2.40	7.81	4
2014/08/01	MF	US1	10:36:44	T	1.2	87.5	0.09	29.30	20.77	78.10	5.33	2.10	7.83	3
2014/08/01	MF	US1	10:37:19	B	4.0	152.9	0.35	28.96	21.84	74.30	5.07	2.60	7.80	3
2014/08/01	MF	US1	10:37:55	M	3.0	143.8	0.52	29.00	21.50	73.60	5.03	2.50	7.81	3
2014/08/01	MF	US1	10:38:32	T	0.9	50.3	0.70	29.66	19.96	83.30	5.67	1.90	7.86	3
2014/08/01	MF	US1	10:39:13	B	4.0	155.4	0.58	28.94	21.66	74.70	5.10	2.30	7.81	3
2014/08/01	MF	US1	10:39:57	M	3.0	93.5	0.94	28.99	21.38	74.50	5.09	2.20	7.81	4
2014/08/01	MF	US1	10:40:35	T	0.9	167.7	1.61	29.86	19.29	87.40	5.96	2.30	7.88	3
2014/08/01	MF	US2	10:45:15	B	6.8	99.6	1.01	28.01	24.94	61.90	4.22	10.70	7.77	4
2014/08/01	MF	US2	10:45:51	M	4.4	215.3	0.83	28.74	22.13	68.10	4.65	4.00	7.81	4
2014/08/01	MF	US2	10:46:26	T	1.2	113.2	0.42	29.79	19.18	83.10	5.67	1.60	7.86	4
2014/08/01	MF	US2	10:47:25	B	7.0	348.2	0.34	28.25	24.18	63.10	4.30	9.30	7.78	3
2014/08/01	MF	US2	10:48:13	M	4.5	38.0	0.21	28.71	22.40	67.70	4.62	3.90	7.80	3
2014/08/01	MF	US2	10:48:52	T	1.0	302.1	0.35	29.76	19.25	82.80	5.65	1.60	7.86	4
2014/08/01	MF	US2	10:50:04	B	7.0	182.9	0.02	28.27	24.12	62.40	4.25	7.50	7.77	4
2014/08/01	MF	US2	10:50:46	M	4.4	277.4	0.74	28.53	23.07	66.10	4.51	3.70	7.79	4
2014/08/01	MF	US2	10:51:22	T	1.0	203.7	0.91	29.67	19.37	81.00	5.54	2.80	7.86	4
2014/08/01	MF	MW1	08:12:02	B	17.0	196.2	0.80	26.77	28.60	52.60	3.58	5.90	7.82	21
2014/08/01	MF	MW1	08:12:44	M	9.4	30.6	0.63	27.93	25.08	60.30	4.11	2.50	7.83	19
2014/08/01	MF	MW1	08:13:31	T	1.1	221.3	0.69	29.45	18.84	76.80	5.28	1.70	7.83	23
2014/08/01	MF	MW1	08:17:21	B	17.1	122.1	0.94	26.39	29.51	51.70	3.53	6.10	7.82	21
2014/08/01	MF	MW1	08:18:04	M	9.5	131.7	0.34	28.10	24.37	60.90	4.16	2.30	7.83	18
2014/08/01	MF	MW1	08:18:51	T	1.1	274.0	0.45	29.40	18.97	75.80	5.21	1.60	7.84	22
2014/08/01	MF	MW1	08:20:05	B	16.9	87.5	0.09	26.33	29.69	50.60	3.45	6.50	7.82	21
2014/08/01	MF	MW1	08:20:53	M	9.7	113.2	0.94	27.26	27.07	55.80	3.80	3.60	7.83	19
2014/08/01	MF	MW1	08:21:40	T	1.3	65.7	0.91	29.36	19.38	76.20	5.23	1.90	7.84	23
2014/08/01	MF	THB1	09:30:31	B	2.9	258.3	0.80	29.68	20.95	88.50	5.99	5.80	7.90	10
2014/08/01	MF	THB1	09:31:02	T	1.0	222.3	0.34	29.65	20.10	89.30	6.08	4.10	7.90	6
2014/08/01	MF	THB1	09:31:36	B	2.9	264.3	0.16	29.73	20.96	89.70	6.07	4.00	7.90	9
2014/08/01	MF	THB1	09:32:04	T	1.1	102.0	0.31	29.56	20.21	88.00	6.00	3.70	7.89	6
2014/08/01	MF	THB1	09:32:37	B	2.9	236.4	0.34	29.73	20.76	89.30	6.05	3.90	7.91	10
2014/08/01	MF	THB1	09:33:15	T	0.9	300.6	0.52	29.66	20.11	90.20	6.14	3.30	7.90	6
2014/08/01	MF	THB2	10:38:13	M	1.2	40.0	0.03	30.60	19.78	96.48	6.48	7.60	7.84	4
2014/08/01	MF	THB2	10:38:36	M	1.2	40.0	0.03	30.60	19.78	96.48	6.48	7.60	7.83	4
2014/08/01	MF	THB2	10:39:10	M	1.2	40.0	0.03	30.60	19.79	96.95	6.51	7.70	7.83	4
2014/08/01	MF	WSR45C	08:55:46	B	11.9	46.2	0.35	27.46	26.60	60.00	4.09	6.80	7.83	10
2014/08/01	MF	WSR45C	08:56:22	M	7.2	209.6	0.37	28.51	23.12	65.40	4.46	2.90	7.84	5
2014/08/01	MF	WSR45C	08:57:01	T	1.0	214.8	0.35	29.34	19.50	77.70	5.34	2.30	7.86	3
2014/08/01	MF	WSR45C	08:59:42	B	12.1	264.5	0.57	27.52	26.53	59.80	4.07	6.50	7.81	10
2014/08/01	MF	WSR45C	09:00:22	M	7.1	206.8	0.13	28.14	24.43	61.70	4.21	4.10	7.83	5
2014/08/01	MF	WSR45C	09:01:00	T	1.1	191.3	0.69	29.42	19.11	77.90	5.35	1.90	7.86	3
2014/08/01	MF	WSR45C	09:01:54	B	12.0	60.3	0.09	27.44	26.68	58.10	3.96	6.60	7.81	9
2014/08/01	MF	WSR45C	09:02:30	M	6.9	275.6	0.64	28.07	24.63	60.50	4.12	5.10	7.82	5
2014/08/01	MF	WSR45C	09:03:07	T	1.2	142.9	0.39	29.37	19.33	76.70	5.27	2.00	7.86	3
2014/08/01	MF	WSR46	11:08:59	B	8.8	257.7	1.30	27.75	25.76	59.50	4.05	8.10	7.78	8
2014/08/01	MF	WSR46	11:09:59	M	5.6	328.8	0.96	28.37	23.67	65.90	4.49	3.10	7.79	4
2014/08/01														

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/01	ME	DS1	15:26:17	B	3.9	357.9	0.14	29.02	21.43	82.30	5.62	4.60	7.78	15
2014/08/01	ME	DS1	15:26:51	M	3.0	358.4	0.29	30.17	20.87	107.40	7.22	10.70	7.80	9
2014/08/01	ME	DS1	15:27:15	T	0.9	55.5	0.58	30.55	19.25	112.20	7.56	6.70	7.83	4
2014/08/01	ME	DS1	15:28:01	B	4.0	20.3	1.00	29.35	21.17	95.90	6.52	4.90	7.76	15
2014/08/01	ME	DS1	15:28:33	M	3.2	298.6	0.20	29.88	20.35	101.60	6.88	12.50	7.82	9
2014/08/01	ME	DS1	15:28:56	T	1.1	319.3	0.37	30.26	19.41	110.40	7.47	6.90	7.84	4
2014/08/01	ME	DS1	15:29:36	B	4.0	289.2	0.30	29.42	20.93	97.70	6.65	4.30	7.79	14
2014/08/01	ME	DS1	15:30:09	M	2.9	97.3	0.33	29.94	20.13	103.70	7.03	10.10	7.81	9
2014/08/01	ME	DS1	15:30:44	T	1.1	296.9	0.21	30.48	19.18	116.70	7.88	5.20	7.83	4
2014/08/01	ME	DS2	15:35:58	B	10.9	239.7	0.68	28.93	28.18	51.70	3.52	11.30	7.82	5
2014/08/01	ME	DS2	15:36:22	M	6.5	107.6	0.09	27.85	25.02	57.30	3.91	6.10	7.84	6
2014/08/01	ME	DS2	15:36:56	T	1.1	203.3	0.64	30.13	19.04	94.90	6.45	2.90	7.85	3
2014/08/01	ME	DS2	15:37:56	B	11.1	264.9	0.40	26.98	28.08	54.70	3.72	10.20	7.82	5
2014/08/01	ME	DS2	15:38:32	M	6.4	60.8	0.66	27.93	25.00	61.40	4.19	3.40	7.83	6
2014/08/01	ME	DS2	15:39:10	T	0.9	44.4	1.64	30.01	19.29	95.20	6.47	2.80	7.84	4
2014/08/01	ME	DS2	15:40:26	B	10.5	241.4	0.40	27.07	27.79	52.00	3.54	10.30	7.80	5
2014/08/01	ME	DS2	15:41:16	M	6.6	289.5	0.46	28.31	24.07	68.10	4.64	3.90	7.81	6
2014/08/01	ME	DS2	15:41:51	T	1.1	140.8	1.21	30.10	19.05	96.70	6.57	2.90	7.83	3
2014/08/01	ME	DS3	15:47:10	B	7.9	43.3	0.36	28.21	24.31	67.20	4.58	4.20	7.85	4
2014/08/01	ME	DS3	15:47:42	M	5.1	207.9	0.06	28.45	23.56	71.90	4.90	3.10	7.88	4
2014/08/01	ME	DS3	15:48:19	T	1.0	12.7	0.53	30.22	17.96	97.00	6.62	2.20	7.89	5
2014/08/01	ME	DS3	15:50:22	B	8.1	294.1	0.59	28.33	23.97	72.90	4.97	2.50	7.81	4
2014/08/01	ME	DS3	15:50:56	M	5.0	221.8	0.44	28.73	22.72	77.80	5.30	2.20	7.94	4
2014/08/01	ME	DS3	15:51:29	T	1.1	125.2	0.55	30.12	16.25	95.40	6.51	2.40	7.80	5
2014/08/01	ME	DS3	15:52:17	B	8.1	18.7	0.66	28.37	23.90	68.70	4.68	8.40	7.86	5
2014/08/01	ME	DS3	15:52:52	M	5.0	124.1	0.25	28.47	23.52	72.70	4.95	2.80	7.87	4
2014/08/01	ME	DS3	15:53:30	T	1.0	113.9	0.82	29.93	18.96	93.60	6.38	2.50	7.88	5
2014/08/01	ME	DS4	15:57:53	B	9.1	19.5	0.74	28.29	24.10	74.30	5.06	2.60	7.79	6
2014/08/01	ME	DS4	15:58:30	M	5.6	81.5	0.71	28.99	21.63	81.60	5.57	2.80	7.82	4
2014/08/01	ME	DS4	15:59:12	T	1.0	115.2	0.73	30.06	17.28	99.20	6.81	2.00	7.89	12
2014/08/01	ME	DS4	16:00:00	B	8.4	110.0	1.07	28.54	23.32	77.80	5.30	2.70	7.76	6
2014/08/01	ME	DS4	16:00:34	M	5.3	123.5	1.25	29.04	21.45	82.10	5.60	2.80	7.81	4
2014/08/01	ME	DS4	16:01:14	T	1.3	100.6	1.87	30.01	17.48	97.70	6.71	1.90	7.89	12
2014/08/01	ME	DS4	16:02:01	B	8.7	353.8	0.06	28.39	23.87	77.00	5.24	2.90	7.79	6
2014/08/01	ME	DS4	16:02:40	M	5.6	114.4	0.87	28.83	22.13	78.60	5.36	3.00	7.84	4
2014/08/01	ME	DS4	16:03:21	T	0.9	30.8	0.89	29.89	17.74	96.20	6.61	1.70	7.90	12
2014/08/01	ME	DS5	16:07:50	B	10.6	91.7	0.31	27.14	27.60	53.20	3.62	17.90	7.90	8
2014/08/01	ME	DS5	16:08:54	M	6.2	70.6	0.34	29.36	20.64	90.10	6.15	2.50	7.93	8
2014/08/01	ME	DS5	16:09:36	T	0.9	99.5	1.16	30.16	16.61	101.60	6.99	2.10	7.96	9
2014/08/01	ME	DS5	16:10:55	B	10.4	26.6	0.24	27.07	27.58	55.30	3.77	14.30	7.87	8
2014/08/01	ME	DS5	16:11:50	M	6.2	89.0	0.73	29.27	20.93	87.20	5.95	2.50	7.88	8
2014/08/01	ME	DS5	16:12:27	T	1.2	95.6	1.12	30.13	16.80	101.00	6.95	2.00	7.89	9
2014/08/01	ME	DS5	16:13:47	B	10.7	81.5	0.78	26.91	28.07	62.60	4.27	11.00	7.87	7
2014/08/01	ME	DS5	16:14:39	M	6.4	356.4	0.33	29.30	20.73	86.20	5.88	3.00	7.86	8
2014/08/01	ME	DS5	16:15:30	T	1.6	81.9	1.78	29.74	17.20	97.00	6.70	2.30	7.87	10
2014/08/01	ME	US1	15:15:49	B	4.1	89.4	0.97	28.68	23.04	77.50	5.28	3.40	7.81	7
2014/08/01	ME	US1	15:16:26	M	3.1	4.6	0.46	28.86	22.57	76.60	5.21	4.20	7.81	10
2014/08/01	ME	US1	15:17:08	T	0.9	65.5	0.15	30.84	20.25	147.00	9.81	5.30	7.87	7
2014/08/01	ME	US1	15:17:59	B	3.8	65.0	0.13	28.69	23.02	77.70	5.29	3.60	7.81	7
2014/08/01	ME	US1	15:18:25	M	2.7	313.8	0.72	29.28	22.09	82.00	5.56	6.60	7.86	10
2014/08/01	ME	US1	15:18:54	T	1.2	42.3	1.00	30.54	20.36	136.20	9.12	6.00	7.94	8
2014/08/01	ME	US1	15:19:32	B	4.1	93.9	1.19	28.65	23.10	84.50	5.75	3.90	7.80	7
2014/08/01	ME	US1	15:20:17	M	3.1	83.3	0.71	29.04	22.32	77.00	5.23	5.80	7.81	10
2014/08/01	ME	US1	15:20:46	T	1.3	64.4	0.36	30.57	20.54	118.70	7.94	6.40	7.83	7
2014/08/01	ME	US2	15:03:40	B	5.8	41.7	0.21	28.28	24.41	61.10	4.16	17.40	7.73	17
2014/08/01	ME	US2	15:04:16	M	4.0	4.1	0.93	28.90	23.42	69.50	4.70	10.10	7.83	14
2014/08/01	ME	US2	15:04:50	T	0.8	195.8	0.37	30.41	20.97	116.10	7.77	8.40	7.87	12
2014/08/01	ME	US2	15:05:34	B	5.8	274.5	0.17	28.20	24.71	70.10	4.77	18.50	7.71	17
2014/08/01	ME	US2	15:06:27	M	4.0	276.4	0.81	29.04	23.22	72.80	4.92	10.30	7.80	13
2014/08/01	ME	US2	15:07:02	T	1.1	343.7	0.47	30.86	20.41	134.90	8.99	8.60	7.86	11
2014/08/01	ME	US2	15:07:48	B	6.0	274.7	0.91	28.31	24.56	75.10	5.10	15.00	7.73	18
2014/08/01	ME	US2	15:08:27	M	4.1	191.3	0.11	29.01	23.23	72.80	4.92	12.30	7.79	14
2014/08/01	ME	US2	15:09:00	T	1.0	202.6	0.42	31.03	20.38	140.00	9.30	8.60	7.85	12
2014/08/01	ME	MW1	16:57:15	B	16.9	224.6	0.18	27.14	27.50	64.10	4.37	1.80	7.78	3
2014/08/01	ME	MW1	16:58:06	M	9.5	36.8	0.39	29.95	20.59	102.20	6.91	1.40	7.78	6
2014/08/01	ME	MW1	16:58:55	T	1.0	78.9	0.25	30.46	18.54	107.80	7.30	1.20	7.79	6
2014/08/01	ME	MW1	17:00:38	B	17.0	211.2	0.44	26.88	28.23	63.00	4.29	3.10	7.82	3
2014/08/01	ME	MW1	17:01:28	M	9.4	305.8	0.60	29.87	20.69	99.90	6.75	1.40	7.82	7
2014/08/01	ME	MW1	17:02:16	T	0.8	50.3	0.91	30.45	18.56	108.90	7.38	1.30	7.83	6
2014/08/01	ME	MW1	17:06:20	B	16.9	65.3	0.47	27.12	27.58	68.20	4.65	2.10	7.81	3
2014/08/01	ME	MW1	17:07:03	M	9.5	137.9	0.42	29.58	21.10	93.80	6.36	1.40	7.82	6
2014/08/01	ME	MW1	17:07:51	T	1.1	278.5	0.70	30.34	18.76	106.70	7.24	1.30	7.83	6
2014/08/01	ME	THB1	14:45:59	B	3.0	96.3	0.94	29.96	20.51	134.40	9.08	4.20	7.76	5
2014/08/01	ME	THB1	14:46:21	T	0.8	98.9	1.46	30.67	19.97	142.30	9.53	3.20	7.78	6
2014/08/01	ME	THB1	14:46:50	B	2.9	26.6	1.97	30.09	20.41	138.30	9.33	3.90	7.80	6
2014/08/01	ME	THB1	14:47:17	T	0.9	324.4	0.73	30.73	19.90	145.10	9.72	3.10	7.81	6
2014/08/01	ME	THB1	14:47:46	B	2.9	106.6	0.97	29.95	20.50	132.50	8.96	4.40	7.83	5
2014/08/01	ME	THB1	14:48:18	T	0.9	176.7	0.42	30.58	19.92	144.40	9.69	3.10	7.85	6
2014/08/01	ME	THB2	14:56:46	M	1.5	40.0	0.03	30.79	19.71	146.98	9.84	6.20	8.01	6
2014/08/01	ME	THB2	14:57:15	M	1.4	40.0	0.03	30.90	19.65	152.81	10.22	6.70	8.10	7
2014/08/01	ME	THB2	14:57:42	M	1.4	40.0	0.02	30.98	19.63	163.88	10.94	7.20	8.13	7
2014/08/01	ME	WSR45C	16:20:56	B	12.0	41.0	0.42	26.38	29.44	48.70	3.32	10.90	7.79	14
2014/08/01	ME	WSR45C	16:21:46	M	7.0	52.9	0.44	29.92	19.11	98.20	6.69	3.40	7.80	5
2014/08/01	ME	WSR45C	16:22:22	T	0.8	64.5	0.93	30.27	16.37	104.40	7.18	2.00	7.81	3
2014/08/01	ME	WSR45C	16:23:30	B	12.1	132.1	0.32	26.39	29.46	53.50	3.65	10.80	7.79	15
2014/08/01	ME	WSR45C	16:24:20	M	6.9	318.4	0.16	29.84	19.02	96.80	6.61	2.90	7.81	5

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/04	MF	DS1	12:44:17	B	3.1	318.2	0.87	29.53	20.13	119.40	8.14	2.30	8.04	5
2014/08/04	MF	DS1	12:45:07	T	0.9	9.3	1.71	30.24	18.90	141.65	9.61	1.40	8.19	4
2014/08/04	MF	DS1	12:45:49	B	3.0	212.6	0.38	29.49	20.29	115.82	7.90	2.60	8.01	5
2014/08/04	MF	DS1	12:46:30	T	1.1	17.7	0.28	30.09	18.97	138.75	9.44	2.20	8.18	5
2014/08/04	MF	DS1	12:47:12	B	3.0	350.5	0.52	29.47	20.35	113.62	7.75	2.90	8.01	5
2014/08/04	MF	DS1	12:47:53	T	0.9	336.4	0.63	30.26	18.85	132.96	9.02	1.30	8.17	5
2014/08/04	MF	DS2	12:52:20	B	2.9	134.6	0.10	30.04	20.12	135.33	9.15	4.40	8.16	8
2014/08/04	MF	DS2	12:52:50	T	1.1	208.3	0.91	30.03	19.27	138.70	9.43	2.90	8.15	6
2014/08/04	MF	DS2	12:53:20	B	2.9	165.1	0.49	30.10	20.31	141.08	9.52	3.80	8.19	8
2014/08/04	MF	DS2	12:53:52	T	1.0	105.3	1.12	30.00	19.20	139.79	9.51	2.20	8.16	6
2014/08/04	MF	DS2	12:54:24	B	3.0	97.0	0.45	30.07	20.44	138.99	9.38	5.80	8.14	8
2014/08/04	MF	DS2	12:55:00	T	1.1	246.2	1.12	30.16	18.95	137.99	9.38	1.90	8.15	5
2014/08/04	MF	DS3	12:58:57	B	2.1	70.7	0.36	30.43	19.49	155.03	10.45	2.80	8.30	5
2014/08/04	MF	DS3	12:59:43	T	1.0	155.5	0.05	30.41	18.94	153.14	10.36	1.80	8.20	4
2014/08/04	MF	DS3	13:00:08	B	1.9	326.9	0.21	30.41	19.05	154.62	10.46	1.90	8.24	5
2014/08/04	MF	DS3	13:00:36	T	1.0	262.0	0.44	30.41	19.12	156.90	10.61	2.00	8.25	4
2014/08/04	MF	DS3	13:01:04	B	2.0	331.9	0.20	30.43	19.11	158.09	10.68	2.00	8.25	5
2014/08/04	MF	DS3	13:01:42	T	0.9	277.2	0.35	30.42	19.00	155.11	10.49	1.90	8.22	4
2014/08/04	MF	DS4	13:07:28	B	4.2	180.0	0.39	29.67	21.74	113.59	7.66	5.10	8.04	7
2014/08/04	MF	DS4	13:07:59	M	3.1	115.8	0.27	30.08	20.78	125.98	8.49	3.90	8.20	8
2014/08/04	MF	DS4	13:08:25	T	1.0	321.4	0.75	30.79	19.27	164.07	11.01	2.30	8.36	5
2014/08/04	MF	DS4	13:09:02	B	4.1	338.5	0.36	29.38	22.93	106.93	7.20	6.50	7.93	5
2014/08/04	MF	DS4	13:09:49	M	2.9	196.4	0.38	30.24	20.25	155.13	10.45	3.00	8.27	8
2014/08/04	MF	DS4	13:10:23	T	1.0	283.6	0.32	30.96	19.05	176.85	11.84	2.10	8.37	5
2014/08/04	MF	DS4	13:10:56	B	4.2	187.1	0.18	29.53	22.29	124.18	8.37	5.30	8.02	7
2014/08/04	MF	DS4	13:11:23	M	3.0	262.8	0.86	29.73	21.58	123.18	8.31	4.10	8.12	8
2014/08/04	MF	DS4	13:12:06	T	1.0	199.4	0.04	30.80	19.22	169.99	11.41	2.10	8.35	5
2014/08/04	MF	DS5	13:16:04	B	5.1	89.8	0.30	28.09	26.73	69.31	4.67	13.10	7.73	14
2014/08/04	MF	DS5	13:16:45	M	3.5	169.9	0.74	29.99	20.86	118.19	7.97	3.90	8.19	8
2014/08/04	MF	DS5	13:17:26	T	1.1	213.7	0.85	30.63	19.69	166.57	11.18	2.30	8.34	6
2014/08/04	MF	DS5	13:18:12	B	5.0	223.4	0.18	28.51	25.40	68.90	4.64	8.90	7.78	15
2014/08/04	MF	DS5	13:18:49	M	3.6	187.4	1.80	29.70	21.41	113.71	7.68	3.70	8.11	8
2014/08/04	MF	DS5	13:19:38	T	1.2	269.0	0.36	30.91	19.34	173.09	11.59	2.00	8.37	6
2014/08/04	MF	DS5	13:20:23	B	5.0	308.6	0.85	28.06	26.80	60.96	4.11	14.80	7.71	14
2014/08/04	MF	DS5	13:21:07	M	3.3	96.4	0.91	29.97	20.89	126.78	8.55	3.80	8.18	8
2014/08/04	MF	DS5	13:21:49	T	1.1	137.0	0.33	30.67	19.62	164.24	11.02	2.20	8.34	5
2014/08/04	MF	US1	13:37:01	B	3.0	32.3	0.34	30.01	22.01	100.42	6.84	5.20	7.94	5
2014/08/04	MF	US1	13:37:34	T	1.0	319.8	0.26	29.83	19.52	126.17	8.59	2.30	8.12	6
2014/08/04	MF	US1	13:38:04	B	3.1	227.9	0.13	29.02	21.98	108.14	7.36	2.20	7.93	5
2014/08/04	MF	US1	13:38:36	T	1.1	167.0	1.50	30.01	19.09	129.46	8.61	1.70	8.14	6
2014/08/04	MF	US1	13:39:04	B	3.1	161.7	0.21	29.42	20.81	117.74	8.02	2.10	8.02	5
2014/08/04	MF	US1	13:39:43	T	1.1	117.5	0.60	30.05	19.02	130.61	8.89	1.40	8.14	6
2014/08/04	MF	US2	13:43:23	B	8.1	284.0	0.02	27.67	25.88	68.31	4.65	5.10	7.76	7
2014/08/04	MF	US2	13:44:09	M	4.9	99.2	0.21	28.14	24.42	67.42	4.60	5.50	7.79	5
2014/08/04	MF	US2	13:44:56	T	1.1	194.2	0.55	29.96	19.27	125.52	8.54	1.30	8.13	4
2014/08/04	MF	US2	13:45:38	B	8.2	290.8	0.44	27.39	26.58	67.01	4.57	4.10	7.75	7
2014/08/04	MF	US2	13:46:24	M	5.0	176.8	0.71	28.34	23.51	68.50	4.68	2.30	7.83	5
2014/08/04	MF	US2	13:47:10	T	1.2	221.4	0.52	29.85	19.59	120.85	8.22	1.00	8.10	4
2014/08/04	MF	US2	13:48:22	B	8.1	162.4	0.18	27.38	26.63	57.01	3.89	4.30	7.75	7
2014/08/04	MF	US2	13:49:06	M	4.9	295.2	0.47	28.13	24.40	64.92	4.43	3.80	7.80	5
2014/08/04	MF	US2	13:49:51	T	1.1	36.3	0.11	29.90	19.42	124.10	8.45	1.40	8.12	4
2014/08/04	MF	MW1	11:24:09	B	19.2	289.0	0.16	25.12	32.00	44.51	3.06	5.90	7.73	21
2014/08/04	MF	MW1	11:24:55	M	10.4	142.2	0.14	26.47	28.74	52.09	3.56	1.70	7.79	3
2014/08/04	MF	MW1	11:25:42	T	1.0	206.7	0.30	29.79	18.39	89.91	6.16	0.50	7.95	3
2014/08/04	MF	MW1	11:31:55	B	18.7	271.2	0.62	25.12	31.99	43.09	2.96	8.70	7.75	20
2014/08/04	MF	MW1	11:32:35	M	10.5	116.5	1.13	26.59	28.42	50.57	3.46	2.70	7.82	3
2014/08/04	MF	MW1	11:33:18	T	1.1	191.2	0.80	29.40	19.53	84.98	5.83	0.70	7.93	3
2014/08/04	MF	MW1	11:34:20	B	18.6	147.0	0.47	25.02	32.22	42.59	2.93	8.30	7.75	19
2014/08/04	MF	MW1	11:35:11	M	10.6	13.3	0.67	26.57	28.51	54.15	3.70	1.60	7.81	3
2014/08/04	MF	MW1	11:36:00	T	0.9	313.3	0.51	29.59	18.73	93.94	6.45	0.60	7.96	3
2014/08/04	MF	THB1	12:35:01	B	2.8	0.7	0.53	29.51	21.09	102.47	6.95	8.00	7.98	12
2014/08/04	MF	THB1	12:35:51	T	0.9	271.3	0.40	30.35	18.96	130.89	8.86	3.20	8.13	5
2014/08/04	MF	THB1	12:36:38	B	3.0	166.0	0.08	29.54	21.15	107.93	7.32	6.40	7.97	12
2014/08/04	MF	THB1	12:37:16	T	0.9	77.2	1.03	30.48	18.95	126.21	8.53	2.80	8.11	5
2014/08/04	MF	THB1	12:37:45	B	3.0	79.8	0.20	29.80	20.63	124.12	8.40	5.50	8.02	12
2014/08/04	MF	THB1	12:38:19	T	0.8	188.3	0.44	30.49	18.94	127.29	8.60	3.10	8.11	5
2014/08/04	MF	THB2	12:51:11	M	1.3	40.0	0.03	30.77	19.28	132.03	8.86	7.10	8.01	4
2014/08/04	MF	THB2	12:52:13	M	1.3	40.0	0.03	30.78	19.29	131.61	8.83	7.10	8.00	4
2014/08/04	MF	THB2	12:53:05	M	1.3	40.0	0.03	30.75	19.33	128.43	8.62	7.30	7.99	4
2014/08/04	MF	WSR45C	12:07:48	B	12.0	340.5	0.07	25.84	30.39	45.29	3.10	5.90	7.74	10
2014/08/04	MF	WSR45C	12:08:31	M	7.1	49.0	0.66	27.29	26.66	52.36	3.58	3.10	7.78	7
2014/08/04	MF	WSR45C	12:09:13	T	0.9	279.1	0.94	29.93	18.86	99.04	6.76	0.80	8.01	4
2014/08/04	MF	WSR45C	12:10:02	B	11.9	290.8	0.25	26.14	29.62	50.06	3.43	5.00	7.73	10
2014/08/04	MF	WSR45C	12:10:49	M	7.2	151.4	0.59	27.31	26.60	53.15	3.63	3.00	7.77	8
2014/08/04	MF	WSR45C	12:11:33	T	0.8	289.4	0.57	29.99	18.77	98.93	6.75	0.80	8.00	4
2014/08/04	MF	WSR45C	12:12:24	B	12.2	186.3	0.15	26.18	29.60	48.86	3.34	5.60	7.73	10
2014/08/04	MF	WSR45C	12:13:04	M	7.2	138.1	0.72	27.22	26.80	51.25	3.50	2.60	7.77	7
2014/08/04	MF	WSR45C	12:13:52	T	1.1	317.5	1.52	29.71	19.12	101.90	6.97	0.60	8.01	4
2014/08/04	MF	WSR46	14:03:38	B	9.0	305.4	0.51	26.83	27.89	48.95	3.35	12.40	7.72	15
2014/08/04	MF	WSR46	14:04:23	M	5.3	308.6	0.69	27.35	26.51	54.88	3.75	2.90	7.75	4
2014/08/04	MF	WSR46	14:05:06	T	1.1	71.9	0.76	30.24	16.90	106.09	7.28	3.40	8.00	8
2014/08/04	MF	WSR46	14:05:55	B	9.0	346.9	0.30	26.80	27.97	52.90	3.62	9.60	7.72	15
2014/08/04	MF	WSR46	14:06:41	M	5.4	313.6	0.43	27.28	26.72	54.08	3.69	3.00	7.75	4
2014/08/04	MF	WSR46	14:07:23	T	1.2	67.1	0.31	30.02	17.91	104.00	7.12	1.90	8.01	7
2014/08/04	MF	WSR46	14:08:12	B	9.1	26.2	0.22	26.77	28.03	52.00	3.55	7.90	7.72	15
2014/08/04	MF	WSR46	14:08:56	M	5.6	302.4	0.50							

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/04	ME	DS1	17:27:20	B	3.0	102.3	0.33	30.09	19.34	159.76	10.84	1.30	8.23	4
2014/08/04	ME	DS1	17:28:01	T	1.1	242.9	0.46	30.94	17.93	167.64	11.31	1.40	8.29	5
2014/08/04	ME	DS1	17:28:43	B	3.0	146.2	0.17	29.70	20.06	147.03	10.00	1.30	8.15	5
2014/08/04	ME	DS1	17:29:23	T	1.1	13.5	1.47	30.76	16.79	156.73	10.67	1.70	8.21	5
2014/08/04	ME	DS1	17:30:05	B	3.0	53.4	0.23	29.87	19.64	145.82	9.92	1.40	8.17	5
2014/08/04	ME	DS1	17:30:36	T	1.1	308.4	0.53	30.53	18.23	161.38	10.94	1.70	8.25	5
2014/08/04	ME	DS2	17:35:15	B	4.1	236.2	0.44	28.85	22.20	104.20	7.11	1.20	7.95	4
2014/08/04	ME	DS2	17:35:45	M	3.0	34.9	0.74	29.92	19.64	132.09	8.98	1.20	8.17	4
2014/08/04	ME	DS2	17:36:10	T	1.0	103.1	0.18	30.50	16.80	144.93	9.91	1.60	8.16	5
2014/08/04	ME	DS2	17:36:43	B	4.0	9.0	0.53	29.07	21.67	121.28	8.26	1.30	7.99	4
2014/08/04	ME	DS2	17:37:20	M	3.0	30.0	0.21	30.10	19.20	144.63	9.82	1.30	8.18	4
2014/08/04	ME	DS2	17:37:59	T	1.1	118.6	0.61	30.58	17.42	154.53	10.51	1.80	8.22	6
2014/08/04	ME	DS2	17:38:37	B	4.0	301.2	0.53	28.97	21.95	114.91	7.83	1.50	7.97	4
2014/08/04	ME	DS2	17:39:17	M	3.0	61.7	0.59	29.13	21.46	111.28	7.59	1.40	8.00	4
2014/08/04	ME	DS2	17:39:49	T	1.1	219.4	0.44	30.54	17.49	149.79	10.19	2.20	8.22	5
2014/08/04	ME	DS3	17:44:51	B	5.9	135.3	0.91	27.96	24.95	68.73	4.69	2.80	7.79	4
2014/08/04	ME	DS3	17:45:29	M	4.2	47.2	0.51	28.58	22.93	88.04	6.01	0.90	7.90	3
2014/08/04	ME	DS3	17:46:01	T	1.1	127.0	0.41	30.69	16.52	130.90	8.93	2.30	8.14	6
2014/08/04	ME	DS3	17:46:37	B	5.9	283.9	1.45	27.85	25.29	85.82	5.85	2.50	7.78	4
2014/08/04	ME	DS3	17:47:01	M	3.8	288.2	0.99	28.23	24.05	75.81	5.17	2.00	7.85	3
2014/08/04	ME	DS3	17:47:30	T	1.0	303.5	0.42	30.66	16.21	123.22	8.43	2.50	8.10	6
2014/08/04	ME	DS3	17:48:07	B	5.8	49.3	0.53	27.87	25.28	80.46	5.48	2.90	7.77	4
2014/08/04	ME	DS3	17:48:44	M	4.0	122.5	0.23	28.78	22.48	92.59	6.31	1.30	7.93	3
2014/08/04	ME	DS3	17:49:24	T	1.0	155.2	0.61	30.82	15.97	128.98	8.81	2.50	8.09	6
2014/08/04	ME	DS4	17:53:21	B	7.9	354.8	0.98	26.97	27.64	62.88	4.29	5.20	7.70	6
2014/08/04	ME	DS4	17:54:09	M	4.9	187.0	0.33	28.25	24.07	66.32	4.52	3.10	7.84	5
2014/08/04	ME	DS4	17:54:42	T	1.0	93.6	1.74	30.65	15.94	114.13	7.82	2.50	8.07	4
2014/08/04	ME	DS4	17:55:33	B	7.9	347.2	0.16	27.19	27.15	62.27	4.25	4.70	7.72	6
2014/08/04	ME	DS4	17:56:03	M	5.0	350.5	0.05	28.30	23.99	70.77	4.82	1.90	7.85	5
2014/08/04	ME	DS4	17:56:41	T	1.1	24.7	0.66	30.69	15.91	119.60	8.19	2.40	8.07	4
2014/08/04	ME	DS4	17:57:35	B	8.0	154.8	0.46	27.18	27.12	56.11	3.83	4.60	7.72	6
2014/08/04	ME	DS4	17:58:10	M	4.9	304.9	0.27	28.06	24.69	67.53	4.60	2.90	7.82	5
2014/08/04	ME	DS4	17:58:54	T	1.1	96.2	0.42	30.74	15.86	123.54	8.46	2.60	8.07	4
2014/08/04	ME	DS5	18:03:49	B	9.3	13.8	0.33	25.71	30.72	42.87	2.94	5.70	7.70	8
2014/08/04	ME	DS5	18:04:31	M	5.7	2.6	0.29	28.44	23.59	80.48	5.48	1.50	7.88	4
2014/08/04	ME	DS5	18:05:19	T	1.1	34.3	0.94	30.62	16.50	130.43	8.91	2.20	8.09	5
2014/08/04	ME	DS5	18:06:12	B	9.1	321.6	0.04	26.14	29.72	50.56	3.46	5.60	7.69	8
2014/08/04	ME	DS5	18:06:51	M	5.6	337.2	0.39	28.04	24.56	66.13	4.51	2.60	7.82	4
2014/08/04	ME	DS5	18:07:34	T	1.2	88.8	0.37	30.37	17.50	134.68	9.19	2.10	8.13	5
2014/08/04	ME	DS5	18:08:28	B	9.2	41.4	0.58	25.95	30.29	52.38	3.58	5.50	7.70	9
2014/08/04	ME	DS5	18:09:09	M	5.6	16.8	0.42	28.35	23.83	72.40	4.93	2.10	7.87	4
2014/08/04	ME	DS5	18:09:52	T	1.1	86.6	1.52	30.51	16.41	132.06	9.05	2.30	8.11	5
2014/08/04	ME	US1	17:18:48	B	2.9	273.9	0.21	29.19	21.80	109.93	7.47	5.80	7.97	9
2014/08/04	ME	US1	17:19:18	T	1.1	0.6	0.20	29.69	20.75	122.96	8.34	5.70	8.10	9
2014/08/04	ME	US1	17:19:58	B	3.1	31.4	0.66	29.34	21.53	111.65	7.58	7.20	7.99	9
2014/08/04	ME	US1	17:20:33	T	1.2	236.2	0.48	30.38	19.68	156.21	10.53	5.80	8.28	9
2014/08/04	ME	US1	17:21:18	B	3.0	307.9	0.74	29.52	21.08	122.06	8.28	6.50	8.05	9
2014/08/04	ME	US1	17:22:01	T	1.0	220.6	0.47	30.26	19.84	155.50	10.50	5.60	8.25	9
2014/08/04	ME	US2	17:07:49	B	2.9	114.4	0.53	29.78	21.65	122.84	8.27	9.50	8.08	10
2014/08/04	ME	US2	17:08:32	T	1.1	305.8	0.19	30.40	20.21	166.99	11.22	4.40	8.31	7
2014/08/04	ME	US2	17:09:15	B	3.0	0.3	0.19	29.68	21.88	127.59	8.60	10.60	8.05	9
2014/08/04	ME	US2	17:09:51	T	1.0	101.2	0.52	30.09	20.80	135.67	9.13	12.20	8.18	6
2014/08/04	ME	US2	17:12:39	B	3.0	227.4	0.07	29.51	22.27	105.77	7.13	12.80	7.99	9
2014/08/04	ME	US2	17:14:24	T	1.1	188.2	0.44	30.08	20.93	145.89	9.82	16.90	8.21	7
2014/08/04	ME	MW1	18:53:00	B	18.2	11.8	0.51	24.65	32.97	40.37	2.78	3.80	7.71	5
2014/08/04	ME	MW1	18:53:53	M	10.0	216.0	0.51	25.61	31.03	43.41	2.98	2.40	7.73	6
2014/08/04	ME	MW1	18:54:42	T	1.0	126.7	0.47	30.26	20.04	121.93	9.22	0.80	8.04	5
2014/08/04	ME	MW1	18:55:55	B	18.0	130.3	1.26	24.67	32.96	41.39	2.85	4.00	7.70	5
2014/08/04	ME	MW1	18:56:51	M	9.9	355.1	0.15	25.79	30.82	44.02	3.02	2.10	7.74	6
2014/08/04	ME	MW1	18:57:42	T	1.0	53.4	0.97	30.57	19.22	119.81	8.07	0.90	8.05	5
2014/08/04	ME	MW1	18:58:56	B	18.1	76.8	0.37	24.68	32.96	40.18	2.77	4.40	7.70	5
2014/08/04	ME	MW1	18:59:51	M	10.0	320.2	0.16	26.01	30.11	48.68	3.33	1.50	7.76	6
2014/08/04	ME	MW1	19:00:44	T	1.0	74.6	0.58	30.39	19.76	119.72	8.07	0.80	8.03	5
2014/08/04	ME	THB1	16:58:24	B	2.9	16.9	0.97	29.65	21.24	111.41	7.54	7.40	8.03	8
2014/08/04	ME	THB1	16:59:04	T	1.0	330.8	1.16	30.29	20.07	144.84	9.76	4.50	8.25	8
2014/08/04	ME	THB1	17:00:05	B	3.1	98.1	0.94	29.45	21.76	103.63	7.01	7.50	7.93	9
2014/08/04	ME	THB1	17:00:45	T	1.0	334.6	0.95	30.17	20.32	140.20	9.45	5.00	8.25	8
2014/08/04	ME	THB1	17:01:21	B	3.1	25.3	0.23	29.79	21.06	127.98	8.65	5.90	8.05	8
2014/08/04	ME	THB1	17:01:47	T	1.1	25.8	0.76	29.85	20.83	124.44	8.41	5.90	8.15	8
2014/08/04	ME	THB2	17:08:17	M	1.2	40.0	0.03	31.16	19.16	175.65	11.73	9.10	8.22	6
2014/08/04	ME	THB2	17:09:06	M	1.2	40.0	0.03	31.16	19.16	175.93	11.74	9.10	8.23	6
2014/08/04	ME	THB2	17:10:08	M	1.2	40.0	0.03	31.21	19.14	178.68	11.92	8.70	8.24	6
2014/08/04	ME	WSR45C	18:14:00	B	11.8	122.8	0.29	25.36	31.57	51.88	3.56	7.60	7.70	10
2014/08/04	ME	WSR45C	18:14:55	M	6.9	295.0	0.55	26.78	28.01	47.83	3.27	3.30	7.74	5
2014/08/04	ME	WSR45C	18:15:48	T	1.1	46.0	1.32	30.82	15.43	128.03	8.77	2.40	8.11	5
2014/08/04	ME	WSR45C	18:16:45	B	11.8	330.5	0.82	25.31	31.69	44.09	3.03	9.20	7.69	9
2014/08/04	ME	WSR45C	18:17:31	M	6.9	184.5	0.27	26.88	27.73	50.26	3.44	3.00	7.73	5
2014/08/04	ME	WSR45C	18:18:22	T	1.1	194.3	0.29	31.01	15.17	126.82	8.67	2.70	8.10	4
2014/08/04	ME	WSR45C	18:19:25	B	11.8	189.9	0.38	25.34	31.63	42.37	2.91	9.40	7.69	10
2014/08/04	ME	WSR45C	18:20:13	M	6.8	353.1	0.35	27.08	27.27	52.49	3.58	2.70	7.74	5
2014/08/04	ME	WSR45C	18:20:58	T	1.1	108.2	0.48	30.88	15.98	128.64	8.78	2.40	8.11	5
2014/08/04	ME	WSR46	16:32:58	B	9.0	197.4	0.87	26.35	29.09	45.23	3.10	10.00	7.72	13
2014/08/04	ME	WSR46	16:33:40	M	5.6	263.8	0.35	27.16	27.28	56.94	3.88	4.10	7.77	9
2014/08/04	ME	WSR46	16:34:59	T	1.1	79.2	0.44	31.07	13.58	119.34	8.22	3.60	7.99	6
2014/08/04	ME	WSR46	16:35:49	B	9.0	330.7	0.37	26.33	29.15	50.48	3.45	8.80	7.72	14
2014/08/04	ME	WSR46	16:36:23	M	5.3	159.5	0.59	27.72	25.25	58.76	4.0			

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/06	MF	DS1	15:04:17	B	2.2	236.0	0.34	29.10	21.39	117.62	8.02	6.30	8.08	6
2014/08/06	MF	DS1	15:04:46	T	0.9	169.2	1.09	29.69	20.01	135.00	9.19	3.00	8.20	12
2014/08/06	MF	DS1	15:05:15	B	2.1	248.9	0.82	29.07	21.68	119.62	8.15	4.70	8.05	6
2014/08/06	MF	DS1	15:05:51	T	0.8	8.7	0.55	29.42	20.38	129.80	8.86	3.50	8.17	13
2014/08/06	MF	DS1	15:06:40	B	2.2	277.0	0.23	29.11	21.42	122.41	8.35	5.00	8.08	5
2014/08/06	MF	DS1	15:07:21	T	0.9	172.5	0.80	29.56	19.84	145.17	9.91	2.60	8.24	12
2014/08/06	MF	DS2	15:14:51	B	2.0	342.8	0.48	29.55	20.71	130.96	8.90	8.30	8.15	9
2014/08/06	MF	DS2	15:15:25	T	1.2	15.7	0.23	29.63	20.26	138.44	9.42	2.90	8.18	6
2014/08/06	MF	DS2	15:16:24	B	1.9	308.5	0.27	29.55	20.61	133.95	9.11	3.20	8.15	9
2014/08/06	MF	DS2	15:17:06	T	1.0	273.0	0.35	29.62	20.20	139.63	9.51	2.30	8.19	6
2014/08/06	MF	DS2	15:17:35	B	2.2	313.2	0.07	29.51	20.68	136.44	9.28	2.90	8.15	9
2014/08/06	MF	DS2	15:18:15	T	1.0	114.5	0.83	29.60	20.30	138.33	9.42	2.60	8.18	6
2014/08/06	MF	DS3	15:22:30	B	2.1	235.6	1.26	29.61	21.31	121.35	8.21	4.00	8.08	6
2014/08/06	MF	DS3	15:22:53	T	1.0	284.0	0.29	29.89	20.41	132.72	8.99	3.90	8.18	8
2014/08/06	MF	DS3	15:23:21	B	2.0	58.0	0.58	29.73	20.63	133.82	9.07	3.50	8.16	6
2014/08/06	MF	DS3	15:23:47	T	0.9	148.7	0.73	30.00	20.12	139.20	9.42	3.30	8.21	8
2014/08/06	MF	DS3	15:27:46	B	1.8	35.1	0.12	29.65	20.94	131.11	8.89	6.70	8.14	6
2014/08/06	MF	DS3	15:29:07	T	1.0	255.3	0.53	29.95	20.37	137.78	9.32	8.00	8.19	8
2014/08/06	MF	DS4	15:34:36	B	5.0	358.6	0.17	28.41	24.82	56.16	3.80	14.80	7.71	12
2014/08/06	MF	DS4	15:35:14	M	3.5	307.5	0.43	28.78	23.65	71.52	4.84	7.10	7.82	8
2014/08/06	MF	DS4	15:35:45	T	0.9	69.1	0.69	29.86	20.90	106.13	7.17	4.60	8.08	9
2014/08/06	MF	DS4	15:36:33	B	4.9	42.5	0.72	27.84	26.90	54.66	3.69	18.00	7.63	11
2014/08/06	MF	DS4	15:37:20	M	3.5	335.2	0.44	28.90	23.59	73.91	5.01	6.20	7.82	8
2014/08/06	MF	DS4	15:38:05	T	1.0	72.8	0.09	29.54	21.36	110.81	7.51	3.60	8.04	9
2014/08/06	MF	DS4	15:38:48	B	5.0	6.2	0.62	28.09	25.93	55.56	3.76	18.10	7.66	12
2014/08/06	MF	DS4	15:39:36	M	3.5	100.0	0.28	28.74	23.78	70.71	4.79	7.00	7.79	9
2014/08/06	MF	DS4	15:40:18	T	1.0	268.1	0.51	29.68	21.23	110.81	7.49	3.90	8.05	9
2014/08/06	MF	DS5	15:45:21	B	5.1	195.2	0.44	27.94	26.28	61.53	4.16	10.10	7.67	9
2014/08/06	MF	DS5	15:45:50	M	3.4	171.8	0.26	28.56	24.17	60.03	4.07	10.10	7.79	10
2014/08/06	MF	DS5	15:46:19	T	1.2	170.6	0.83	29.74	21.05	98.12	6.64	5.10	8.08	6
2014/08/06	MF	DS5	15:47:00	B	5.0	29.9	0.25	28.22	25.43	70.90	4.80	7.20	7.74	9
2014/08/06	MF	DS5	15:47:30	M	3.5	109.0	0.46	29.10	22.87	80.97	5.48	7.20	7.90	11
2014/08/06	MF	DS5	15:47:51	T	0.9	3.3	0.39	29.84	20.77	108.59	7.34	4.20	8.12	6
2014/08/06	MF	DS5	15:48:45	B	5.0	309.7	0.75	28.11	25.52	59.33	4.02	8.50	7.74	10
2014/08/06	MF	DS5	15:49:09	M	3.5	154.1	0.41	28.91	23.38	69.10	4.68	9.20	7.82	10
2014/08/06	MF	DS5	15:49:32	T	1.1	209.9	0.60	29.72	21.15	101.50	6.86	5.40	8.09	6
2014/08/06	MF	US1	16:04:14	B	2.9	88.9	0.13	28.47	23.32	104.34	7.12	3.00	7.91	5
2014/08/06	MF	US1	16:04:42	T	0.8	206.9	0.60	29.62	19.80	129.86	8.86	2.60	8.20	4
2014/08/06	MF	US1	16:05:11	B	3.0	296.0	0.19	28.68	22.68	111.42	7.60	7.80	7.95	5
2014/08/06	MF	US1	16:05:40	T	0.9	333.1	0.49	29.07	21.08	113.01	7.73	5.10	8.08	4
2014/08/06	MF	US1	16:06:04	B	3.0	354.7	0.66	28.45	23.31	101.75	6.94	5.80	7.91	6
2014/08/06	MF	US1	16:06:28	T	1.2	342.7	0.25	29.34	20.58	116.59	7.96	5.20	8.14	4
2014/08/06	MF	US2	16:10:59	B	3.9	184.0	0.92	27.93	24.88	83.00	5.66	2.30	7.82	5
2014/08/06	MF	US2	16:11:23	M	3.0	167.8	0.53	28.58	22.51	91.27	6.24	2.00	7.94	3
2014/08/06	MF	US2	16:11:48	T	1.0	213.4	0.53	29.27	20.72	119.96	8.19	2.00	8.13	6
2014/08/06	MF	US2	16:12:13	B	4.0	213.0	0.55	27.98	24.83	96.25	6.56	2.60	7.83	5
2014/08/06	MF	US2	16:12:35	M	3.0	107.4	0.52	28.22	23.97	87.98	6.00	2.50	7.89	4
2014/08/06	MF	US2	16:12:59	T	0.9	223.5	0.24	29.38	20.45	120.56	8.23	2.00	8.17	6
2014/08/06	MF	US2	16:13:24	B	4.1	205.8	0.43	28.00	24.72	97.04	6.62	3.60	7.84	5
2014/08/06	MF	US2	16:13:46	M	3.0	298.7	0.61	28.36	23.19	88.07	6.02	2.40	7.91	3
2014/08/06	MF	US2	16:14:08	T	1.3	59.3	0.34	29.17	20.82	119.26	8.15	2.10	8.14	6
2014/08/06	MF	MW1	17:06:11	B	17.9	183.3	0.17	25.30	31.93	51.92	3.56	6.80	7.72	12
2014/08/06	MF	MW1	17:06:51	M	10.0	165.9	0.53	26.53	29.17	64.75	4.42	4.00	7.82	6
2014/08/06	MF	MW1	17:07:31	T	1.0	20.6	0.31	26.88	29.67	93.69	6.37	2.30	7.94	6
2014/08/06	MF	MW1	17:08:34	B	18.1	178.4	0.14	25.29	31.95	51.52	3.53	6.20	7.71	12
2014/08/06	MF	MW1	17:09:07	M	10.1	167.1	0.04	26.24	29.71	56.29	3.85	4.30	7.79	6
2014/08/06	MF	MW1	17:09:49	T	1.1	199.0	0.48	27.47	27.05	89.41	6.07	2.60	7.95	6
2014/08/06	MF	MW1	17:10:55	B	18.1	305.3	0.54	25.20	32.18	51.02	3.50	5.90	7.70	12
2014/08/06	MF	MW1	17:11:35	M	9.9	136.4	0.54	26.51	29.10	58.38	3.98	3.80	7.79	6
2014/08/06	MF	MW1	17:12:18	T	1.1	33.6	0.27	27.48	27.06	90.20	6.13	2.40	7.95	6
2014/08/06	MF	THB1	14:48:36	B	1.9	13.9	0.11	29.65	20.74	122.68	8.32	14.60	8.12	15
2014/08/06	MF	THB1	14:49:03	T	0.9	293.9	0.62	29.88	20.38	133.76	9.06	11.60	8.18	14
2014/08/06	MF	THB1	14:49:33	B	1.9	231.2	0.49	29.67	20.73	127.07	8.62	13.40	8.12	16
2014/08/06	MF	THB1	14:50:03	T	1.0	182.1	0.78	29.78	20.55	131.36	8.90	12.00	8.16	13
2014/08/06	MF	THB1	14:50:55	B	2.0	223.7	0.31	29.60	20.99	120.87	8.20	14.90	8.09	15
2014/08/06	MF	THB1	14:51:16	T	0.8	232.7	0.47	29.79	20.54	125.26	8.49	12.30	8.16	13
2014/08/06	MF	THB2	15:10:46	M	1.0	40.0	0.03	30.66	19.39	88.21	5.93	9.00	7.86	9
2014/08/06	MF	THB2	15:11:09	M	1.0	40.0	0.03	30.72	19.16	100.58	6.76	7.30	7.95	9
2014/08/06	MF	THB2	15:11:37	M	1.0	40.0	0.03	30.70	19.29	96.08	6.46	7.60	7.88	9
2014/08/06	MF	WSR45C	16:24:43	B	12.1	268.7	0.69	25.76	30.85	44.82	3.07	16.20	7.66	12
2014/08/06	MF	WSR45C	16:25:13	M	6.8	275.7	0.44	26.42	29.11	43.82	3.00	8.80	7.68	9
2014/08/06	MF	WSR45C	16:25:41	T	1.0	176.1	1.09	29.99	20.04	93.62	6.35	3.30	8.26	6
2014/08/06	MF	WSR45C	16:26:36	B	12.1	301.4	0.46	25.66	31.04	44.72	3.06	18.60	7.65	11
2014/08/06	MF	WSR45C	16:27:10	M	7.0	82.3	0.16	26.46	28.98	42.42	2.90	9.80	7.68	10
2014/08/06	MF	WSR45C	16:27:49	T	0.9	30.8	1.54	29.42	20.74	104.76	7.14	3.00	8.19	6
2014/08/06	MF	WSR45C	16:29:40	B	12.1	118.0	0.99	25.70	30.92	44.71	3.06	15.80	7.64	12
2014/08/06	MF	WSR45C	16:30:09	M	7.2	68.1	0.37	26.14	29.72	40.13	2.75	10.30	7.67	9
2014/08/06	MF	WSR45C	16:30:37	T	1.0	272.5	0.53	28.60	23.26	86.83	5.91	3.80	8.08	6
2014/08/06	MF	WSR46	14:22:54	B	7.7	301.2	0.48	27.05	27.56	56.79	3.87	12.70	7.71	9
2014/08/06	MF	WSR46	14:23:37	M	5.1	299.5	0.72	28.10	24.50	75.98	5.18	3.60	7.84	6
2014/08/06	MF	WSR46	14:24:17	T	0.8	169.2	0.66	29.55	16.27	122.97	8.57	3.80	8.14	5
2014/08/06	MF	WSR46	14:25:48	B	8.4	307.8	1.11	26.87	28.19	47.89	3.26	15.80	7.68	9
2014/08/06	MF	WSR46	14:26:17	M	4.7	295.2	1.02	28.12	24.39	70.48	4.81	4.90	7.85	6
2014/08/06	MF	WSR46	14:26:46	T	1.2	233.3	0.30	29.42	17.78	112.57	7.79	3.80	8.13	5
2014/08/06	MF	WSR46	14:27:47	B	8.1	279.1	1.09	27.00	27.98	53.88	3.67	10.40	7.71	9
2014/08/06	MF	WSR46	14:28:16	M	4.9	269.9	0.45	28.30						

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/06	ME	DS1	10:20:07	B	2.9	166.2	0.14	29.32	22.00	110.81	7.51	2.30	8.06	4
2014/08/06	ME	DS1	10:20:34	T	1.3	16.5	1.23	29.72	20.88	114.59	7.76	2.90	8.12	6
2014/08/06	ME	DS1	10:21:01	B	3.1	222.8	0.40	29.17	22.22	111.01	7.53	2.60	8.04	4
2014/08/06	ME	DS1	10:21:48	T	1.2	98.2	0.41	29.74	20.90	117.08	7.92	3.10	8.12	6
2014/08/06	ME	DS1	10:22:25	B	3.2	347.1	0.91	29.10	22.37	118.66	8.05	3.00	8.03	4
2014/08/06	ME	DS1	10:22:55	T	0.9	171.9	0.96	29.82	20.24	115.98	7.87	2.70	8.16	6
2014/08/06	ME	DS2	10:29:03	B	3.8	156.9	0.62	28.47	23.82	86.91	5.91	3.20	7.92	16
2014/08/06	ME	DS2	10:29:30	M	2.8	254.9	0.15	28.58	22.91	88.80	6.06	6.00	7.96	9
2014/08/06	ME	DS2	10:30:01	T	1.1	237.4	0.33	29.10	21.59	105.51	7.19	3.60	8.06	6
2014/08/06	ME	DS2	10:32:19	B	4.0	291.1	0.57	28.55	23.66	95.06	6.46	4.70	7.92	15
2014/08/06	ME	DS2	10:32:55	M	3.0	3.7	0.51	28.64	23.01	93.96	6.40	12.60	7.96	8
2014/08/06	ME	DS2	10:33:40	T	1.0	140.3	0.40	29.42	21.08	114.05	7.75	3.30	8.11	6
2014/08/06	ME	DS2	10:34:24	B	3.8	24.6	0.49	28.88	22.31	103.11	7.02	10.20	8.01	17
2014/08/06	ME	DS2	10:35:03	M	3.1	309.9	0.36	28.72	22.90	99.82	6.80	6.50	7.98	8
2014/08/06	ME	DS2	10:35:36	T	1.0	28.9	0.27	29.73	20.41	113.24	7.69	3.10	8.16	6
2014/08/06	ME	DS3	10:42:05	B	6.1	258.1	0.32	27.36	26.95	72.36	4.93	4.70	7.82	6
2014/08/06	ME	DS3	10:42:38	M	3.8	196.3	0.56	28.22	23.96	78.43	5.35	3.00	7.90	5
2014/08/06	ME	DS3	10:43:10	T	1.1	57.2	0.44	29.28	20.95	106.16	7.24	2.20	8.11	7
2014/08/06	ME	DS3	10:43:53	B	6.1	129.2	0.49	27.51	26.50	77.23	5.26	3.90	7.84	6
2014/08/06	ME	DS3	10:44:38	M	4.1	179.6	0.58	27.83	25.11	73.65	5.03	4.00	7.86	5
2014/08/06	ME	DS3	10:45:19	T	1.0	127.6	0.19	29.55	20.25	114.00	7.77	2.30	8.16	6
2014/08/06	ME	DS3	10:46:00	B	6.0	96.5	0.61	27.72	25.89	80.01	5.45	4.60	7.86	6
2014/08/06	ME	DS3	10:46:46	M	4.2	168.9	0.52	27.90	25.03	75.04	5.12	3.70	7.86	5
2014/08/06	ME	DS3	10:47:29	T	1.0	291.7	0.25	29.49	20.41	112.50	7.67	2.20	8.15	6
2014/08/06	ME	DS4	10:52:56	B	8.0	54.1	0.65	26.52	28.92	52.07	3.56	8.70	7.73	10
2014/08/06	ME	DS4	10:53:28	M	5.1	44.6	0.29	27.36	26.43	59.22	4.04	3.90	7.80	5
2014/08/06	ME	DS4	10:54:12	T	1.0	67.4	0.66	29.05	20.71	103.83	7.12	2.50	8.08	5
2014/08/06	ME	DS4	10:55:00	B	7.9	51.4	1.71	26.56	28.82	52.86	3.61	7.60	7.72	11
2014/08/06	ME	DS4	10:55:49	M	5.0	115.5	0.55	27.40	26.27	59.12	4.04	3.70	7.80	5
2014/08/06	ME	DS4	10:56:38	T	0.9	78.7	0.39	28.93	21.12	99.65	6.83	2.40	8.05	5
2014/08/06	ME	DS4	10:57:24	B	8.1	257.1	0.41	26.70	28.46	54.94	3.75	6.30	7.73	11
2014/08/06	ME	DS4	10:58:09	M	5.2	41.2	0.70	27.20	26.94	56.13	3.83	3.90	7.78	5
2014/08/06	ME	DS4	10:58:54	T	1.0	256.1	0.85	29.03	20.78	99.35	6.81	2.40	8.07	5
2014/08/06	ME	DS5	11:03:41	B	8.9	282.8	0.19	26.80	28.18	56.72	3.87	4.80	7.73	7
2014/08/06	ME	DS5	11:04:28	M	5.6	353.6	0.70	26.98	27.69	52.84	3.61	4.20	7.75	5
2014/08/06	ME	DS5	11:05:13	T	0.9	25.2	1.28	29.06	20.56	99.03	6.79	2.20	8.10	3
2014/08/06	ME	DS5	11:06:35	B	9.1	255.6	0.37	26.66	28.59	48.27	3.30	6.40	7.71	7
2014/08/06	ME	DS5	11:07:27	M	5.5	131.2	1.55	26.97	27.72	52.64	3.59	3.70	7.76	6
2014/08/06	ME	DS5	11:08:10	T	1.2	138.8	0.32	29.19	20.36	103.59	7.10	2.30	8.12	3
2014/08/06	ME	DS5	11:08:55	B	9.1	309.0	0.31	26.69	28.49	51.44	3.51	5.90	7.72	7
2014/08/06	ME	DS5	11:09:41	M	5.3	84.7	0.51	27.01	27.64	52.44	3.58	4.00	7.76	5
2014/08/06	ME	DS5	11:10:22	T	1.1	295.0	0.87	29.09	20.66	102.29	7.01	2.30	8.10	4
2014/08/06	ME	US1	10:11:19	B	3.0	255.4	0.47	28.17	24.85	75.92	5.16	5.30	7.77	7
2014/08/06	ME	US1	10:11:45	T	1.1	181.8	0.58	29.67	21.32	90.85	6.14	4.00	8.04	6
2014/08/06	ME	US1	10:12:11	B	3.0	239.0	0.01	28.14	24.93	77.31	5.25	4.70	7.79	7
2014/08/06	ME	US1	10:12:43	T	0.9	317.0	1.04	29.78	20.67	98.01	6.64	3.60	8.08	6
2014/08/06	ME	US1	10:13:19	B	3.1	38.3	0.05	27.70	26.11	71.44	4.86	5.60	7.76	7
2014/08/06	ME	US1	10:13:53	T	0.9	83.0	0.47	29.80	20.56	99.40	6.73	3.40	8.08	6
2014/08/06	ME	US2	10:02:21	B	2.1	337.9	0.60	29.48	21.49	95.95	6.50	3.60	8.01	7
2014/08/06	ME	US2	10:02:48	T	0.9	139.9	0.40	29.76	20.96	104.51	7.07	3.60	8.06	5
2014/08/06	ME	US2	10:04:40	B	2.0	160.0	0.49	28.98	22.79	81.81	5.55	7.20	7.90	7
2014/08/06	ME	US2	10:05:06	T	1.0	162.0	0.31	29.51	21.21	93.25	6.33	5.10	8.03	5
2014/08/06	ME	US2	10:05:32	B	2.0	32.5	0.44	29.10	22.53	89.17	6.04	5.40	7.92	7
2014/08/06	ME	US2	10:06:11	T	0.9	67.4	0.66	29.53	21.19	97.63	6.62	4.00	8.02	5
2014/08/06	ME	MW1	08:07:08	B	18.9	60.3	0.15	25.20	32.19	46.56	3.19	5.80	7.77	8
2014/08/06	ME	MW1	08:07:55	M	10.5	306.7	0.31	25.97	30.28	53.36	3.65	2.90	7.85	4
2014/08/06	ME	MW1	08:08:47	T	1.1	34.4	0.17	28.66	22.03	108.81	7.45	1.20	8.13	5
2014/08/06	ME	MW1	08:10:14	B	19.0	45.4	0.71	25.24	32.08	44.06	3.02	7.40	7.79	8
2014/08/06	ME	MW1	08:11:08	M	10.1	32.1	0.46	27.15	27.14	70.63	4.82	2.20	7.96	4
2014/08/06	ME	MW1	08:12:03	T	1.2	56.7	0.81	28.49	22.72	106.50	7.29	1.50	8.12	4
2014/08/06	ME	MW1	08:13:13	B	19.0	163.5	0.15	25.31	31.94	47.95	3.29	3.90	7.80	8
2014/08/06	ME	MW1	08:14:07	M	10.8	72.2	0.28	25.91	30.52	53.34	3.65	2.40	7.85	4
2014/08/06	ME	MW1	08:15:09	T	0.9	307.8	0.13	28.48	22.71	106.19	7.27	1.50	8.12	5
2014/08/06	ME	THB1	09:33:52	B	3.1	325.6	0.83	27.72	26.11	48.52	3.30	12.50	7.72	16
2014/08/06	ME	THB1	09:34:17	T	0.9	191.6	0.08	30.38	19.24	95.34	6.44	4.70	8.24	9
2014/08/06	ME	THB1	09:34:52	B	3.0	179.2	0.14	28.32	25.07	75.81	5.13	9.60	7.77	16
2014/08/06	ME	THB1	09:35:35	T	1.0	27.2	0.71	30.33	19.42	119.75	8.09	2.30	8.23	10
2014/08/06	ME	THB1	09:36:22	B	3.2	329.6	0.41	27.62	26.39	57.08	3.88	6.60	7.71	16
2014/08/06	ME	THB1	09:37:03	T	1.1	18.8	1.11	30.23	19.55	103.01	6.97	3.30	8.20	10
2014/08/06	ME	THB2	09:39:33	M	1.3	40.0	0.02	30.50	19.69	85.00	5.72	13.10	7.82	6
2014/08/06	ME	THB2	09:40:10	M	1.3	40.0	0.02	30.51	19.73	84.58	5.69	13.70	7.81	6
2014/08/06	ME	THB2	09:40:37	M	1.3	40.0	0.03	30.51	19.68	83.97	5.65	14.00	7.81	6
2014/08/06	ME	WSR45C	08:58:42	B	12.1	196.7	0.13	25.15	32.36	49.87	3.42	9.50	7.73	12
2014/08/06	ME	WSR45C	08:59:26	M	7.1	13.3	0.51	28.14	24.07	78.20	5.34	3.00	7.95	3
2014/08/06	ME	WSR45C	09:00:12	T	1.0	330.3	0.54	29.22	20.09	110.61	7.59	2.10	8.12	4
2014/08/06	ME	WSR45C	09:01:07	B	12.1	103.5	0.37	25.18	32.27	45.98	3.15	9.80	7.73	12
2014/08/06	ME	WSR45C	09:01:43	M	7.1	87.5	0.67	28.07	24.23	71.41	4.88	3.70	7.94	3
2014/08/06	ME	WSR45C	09:02:28	T	0.6	10.0	1.05	29.37	18.74	109.31	7.53	2.10	8.13	4
2014/08/06	ME	WSR45C	09:03:19	B	12.2	254.8	0.11	25.38	31.83	49.57	3.40	9.50	7.73	12
2014/08/06	ME	WSR45C	09:03:59	M	7.1	65.6	0.61	28.05	24.37	73.60	5.03	3.60	7.94	3
2014/08/06	ME	WSR45C	09:04:44	T	1.0	182.2	1.08	29.36	18.93	110.40	7.60	2.10	8.13	4
2014/08/06	ME	WSR46	11:29:48	B	8.1	357.5	0.35	27.59	26.59	59.94	4.07	4.50	7.73	5
2014/08/06	ME	WSR46	11:30:26	M	5.1	132.3	0.15	28.47	22.81	75.72	5.18	3.10	7.85	3
2014/08/06	ME	WSR46	11:31:01	T	1.1	141.5	0.46	29.56	17.21	116.21	8.05	2.80	8.17	4
2014/08/06	ME	WSR46	11:31:47	B	7.9	114.2	0.31	27.78	26.05	66.59	4.52	3.90	7.75	4
2014/08/06	ME	WSR46	11:32:32	M	5.1	151.8	0.25	28.33	23.37	73.14	5.00	3.00	7.83	3

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/08	MF	DS1	16:58:01	B	2.0	56.3	0.16	29.45	19.66	99.26	6.80	14.53	7.95	6
2014/08/08	MF	DS1	16:58:41	T	0.9	180.8	0.51	29.88	18.43	107.92	7.39	5.46	7.99	6
2014/08/08	MF	DS1	16:59:12	B	2.0	162.7	0.89	29.50	19.54	100.21	6.86	15.95	7.95	6
2014/08/08	MF	DS1	16:59:50	T	0.9	281.7	0.09	29.75	18.81	105.26	7.20	8.95	7.97	6
2014/08/08	MF	DS1	17:00:16	B	2.0	65.7	0.56	29.45	19.65	99.65	6.82	14.42	7.95	5
2014/08/08	MF	DS1	17:00:43	T	1.1	69.0	0.37	29.59	19.29	102.06	6.99	11.18	7.96	6
2014/08/08	MF	DS2	17:05:06	B	2.1	185.8	0.09	29.59	19.20	103.73	7.10	12.06	7.96	8
2014/08/08	MF	DS2	17:05:46	T	1.2	212.8	1.21	29.58	19.24	104.39	7.15	11.42	7.97	8
2014/08/08	MF	DS2	17:06:32	B	1.9	346.1	1.40	29.54	19.31	102.74	7.04	15.10	7.95	8
2014/08/08	MF	DS2	17:07:13	T	1.1	243.4	0.02	29.75	18.96	109.68	7.50	9.61	8.00	8
2014/08/08	MF	DS2	17:08:06	B	1.9	159.8	0.32	29.52	19.31	102.03	6.99	11.29	7.96	8
2014/08/08	MF	DS2	17:08:39	T	1.0	108.0	0.24	29.87	18.70	109.84	7.51	9.78	8.00	8
2014/08/08	MF	DS3	17:13:06	B	1.9	160.5	0.59	29.72	19.59	105.46	7.19	10.91	7.98	9
2014/08/08	MF	DS3	17:13:48	T	0.8	343.6	0.96	30.03	19.07	108.70	7.40	8.71	7.99	8
2014/08/08	MF	DS3	17:14:22	B	1.7	141.7	0.40	29.88	19.12	108.44	7.39	8.26	7.99	9
2014/08/08	MF	DS3	17:14:58	T	0.8	330.0	1.13	30.05	19.05	109.27	7.43	8.50	7.99	8
2014/08/08	MF	DS3	17:15:47	B	2.0	250.7	0.80	29.80	19.19	107.58	7.34	8.57	7.98	8
2014/08/08	MF	DS3	17:16:21	T	1.0	280.1	0.10	30.01	19.06	109.82	7.47	8.16	7.99	7
2014/08/08	MF	DS4	17:22:15	B	3.1	135.0	0.41	29.91	20.21	116.26	7.88	12.19	8.03	20
2014/08/08	MF	DS4	17:22:46	T	1.0	57.4	0.15	30.14	19.58	122.98	8.33	8.39	8.06	14
2014/08/08	MF	DS4	17:23:10	B	2.8	247.0	0.78	29.86	20.74	113.17	7.65	16.17	8.03	19
2014/08/08	MF	DS4	17:23:37	T	1.0	158.5	0.43	30.14	19.62	123.48	8.36	8.36	8.06	13
2014/08/08	MF	DS4	17:24:17	B	2.9	23.1	0.18	29.77	21.07	108.58	7.34	17.96	8.00	20
2014/08/08	MF	DS4	17:24:57	T	0.8	171.3	0.18	30.07	19.52	120.24	8.15	7.96	8.06	14
2014/08/08	MF	DS5	17:28:59	B	5.1	112.7	0.62	29.33	21.66	90.32	6.13	15.39	7.89	11
2014/08/08	MF	DS5	17:29:25	M	3.5	221.5	0.84	29.73	21.08	105.01	7.10	12.87	8.00	9
2014/08/08	MF	DS5	17:30:05	T	0.7	222.9	0.57	30.71	19.76	139.78	9.37	6.83	8.17	11
2014/08/08	MF	DS5	17:30:45	B	5.2	328.7	0.45	28.36	22.69	68.88	4.72	14.23	7.85	9
2014/08/08	MF	DS5	17:31:29	M	3.4	218.8	0.75	29.59	21.35	100.17	6.78	14.47	7.96	11
2014/08/08	MF	DS5	17:32:10	T	0.8	304.4	0.76	30.72	19.77	140.87	9.44	6.80	8.17	9
2014/08/08	MF	DS5	17:32:58	B	5.0	212.1	0.30	28.88	22.96	67.99	4.61	12.51	7.79	12
2014/08/08	MF	DS5	17:33:41	M	3.4	115.1	0.27	29.99	20.48	118.96	8.04	11.54	8.06	15
2014/08/08	MF	DS5	17:34:13	T	0.9	124.2	0.31	30.70	19.78	140.91	9.44	6.90	8.18	12
2014/08/08	MF	US1	17:47:53	B	1.9	80.0	1.05	29.05	19.73	88.08	6.07	6.34	7.86	16
2014/08/08	MF	US1	17:48:26	T	1.1	177.3	0.21	29.39	19.29	91.79	6.30	5.14	7.89	12
2014/08/08	MF	US1	17:49:52	B	1.9	304.0	0.30	28.79	21.46	84.11	5.77	4.41	7.86	15
2014/08/08	MF	US1	17:50:37	T	1.0	180.5	0.23	19.47	20.37	90.27	6.20	4.53	7.88	11
2014/08/08	MF	US1	17:51:16	B	2.1	324.0	0.44	28.84	21.40	86.23	5.91	4.11	7.88	7
2014/08/08	MF	US1	17:52:05	T	1.0	92.7	0.34	28.98	20.77	86.78	5.95	4.45	7.87	9
2014/08/08	MF	US2	17:56:20	B	2.8	303.6	0.30	28.85	20.48	81.60	5.92	8.37	7.83	11
2014/08/08	MF	US2	17:57:10	T	1.2	112.3	0.12	29.02	20.22	82.96	5.70	4.04	7.84	7
2014/08/08	MF	US2	17:57:53	B	3.0	309.8	0.42	28.10	23.03	69.49	4.78	6.36	7.80	9
2014/08/08	MF	US2	17:58:42	T	1.1	235.2	0.31	29.12	20.02	84.85	5.83	3.91	7.85	11
2014/08/08	MF	US2	17:59:24	B	2.9	212.0	0.21	28.53	21.49	77.72	5.35	5.18	7.81	7
2014/08/08	MF	US2	18:00:03	T	1.0	251.5	0.50	29.32	19.60	90.63	6.22	4.06	7.88	9
2014/08/08	MF	MW1	18:46:52	B	17.9	255.6	0.12	25.18	31.92	39.35	2.70	11.15	7.74	12
2014/08/08	MF	MW1	18:47:44	M	10.0	216.2	0.60	25.55	31.01	40.23	2.76	7.00	7.74	12
2014/08/08	MF	MW1	18:48:52	T	1.1	217.0	0.78	27.08	26.99	63.93	4.37	4.87	7.81	13
2014/08/08	MF	MW1	18:50:02	B	18.0	13.0	0.66	25.17	31.92	38.52	2.65	10.92	7.74	12
2014/08/08	MF	MW1	18:50:55	M	9.9	178.7	0.09	26.23	29.08	45.64	3.13	6.24	7.77	12
2014/08/08	MF	MW1	18:51:47	T	1.0	338.3	1.28	27.31	26.13	63.23	4.33	4.74	7.80	12
2014/08/08	MF	MW1	18:52:58	B	18.1	2.9	0.42	25.19	31.91	38.65	2.66	10.36	7.74	13
2014/08/08	MF	MW1	18:53:55	M	10.1	324.6	0.18	25.34	31.52	39.11	2.69	7.58	7.74	12
2014/08/08	MF	MW1	18:55:23	T	1.2	252.1	1.53	27.88	24.16	61.44	4.21	3.97	7.77	12
2014/08/08	MF	THB1	16:47:36	B	2.3	292.3	0.13	29.79	19.73	102.43	6.97	18.33	7.97	20
2014/08/08	MF	THB1	16:48:33	T	1.3	150.4	1.06	29.89	19.22	105.91	7.22	18.59	8.00	19
2014/08/08	MF	THB1	16:48:59	B	2.1	225.5	0.61	29.69	19.95	101.01	6.88	20.01	7.96	20
2014/08/08	MF	THB1	16:49:36	T	1.0	190.4	0.92	29.73	19.82	101.43	6.91	17.01	7.96	19
2014/08/08	MF	THB1	16:50:24	B	2.0	234.2	0.45	29.66	19.97	100.55	6.85	17.33	7.95	20
2014/08/08	MF	THB1	16:51:12	T	1.0	160.9	0.74	29.81	19.47	104.75	7.14	16.05	7.97	18
2014/08/08	MF	THB2	16:55:21	M	1.0	40.0	0.03	31.04	18.82	120.44	8.07	14.69	8.01	22
2014/08/08	MF	THB2	16:56:09	M	1.0	40.0	0.03	31.08	18.80	122.14	8.18	14.59	8.03	22
2014/08/08	MF	THB2	16:57:35	M	1.0	40.0	0.03	31.09	18.81	122.35	8.19	14.39	8.05	21
2014/08/08	MF	WSR45C	18:10:13	B	11.9	146.4	0.25	26.28	29.11	47.05	3.22	13.34	7.74	16
2014/08/08	MF	WSR45C	18:10:58	M	7.0	45.4	0.41	26.58	28.15	47.69	3.27	11.93	7.74	14
2014/08/08	MF	WSR45C	18:11:40	T	0.9	324.1	0.66	29.47	19.25	95.22	6.53	3.79	7.92	9
2014/08/08	MF	WSR45C	18:12:36	B	11.8	194.5	0.44	26.06	29.74	43.98	3.01	14.85	7.74	16
2014/08/08	MF	WSR45C	18:13:22	M	6.8	223.0	0.38	26.59	28.09	48.48	3.32	10.00	7.75	13
2014/08/08	MF	WSR45C	18:14:18	T	1.1	154.9	0.36	29.53	19.12	96.39	6.61	3.37	7.92	8
2014/08/08	MF	WSR45C	18:15:11	B	12.0	330.7	1.19	26.04	29.75	44.15	3.03	13.59	7.74	16
2014/08/08	MF	WSR45C	18:15:53	M	7.3	344.4	0.18	26.50	28.35	48.67	3.34	7.72	7.75	13
2014/08/08	MF	WSR45C	18:16:36	T	1.0	212.2	0.77	29.66	18.56	94.72	6.50	3.88	7.92	9
2014/08/08	MF	WSR46	16:15:51	B	7.9	267.0	0.74	26.82	27.38	50.26	3.45	21.75	7.71	9
2014/08/08	MF	WSR46	16:16:35	M	4.8	311.4	1.09	28.27	22.72	66.53	4.57	7.56	7.75	7
2014/08/08	MF	WSR46	16:17:03	T	1.2	263.4	0.81	29.79	18.17	101.08	6.94	4.01	7.94	4
2014/08/08	MF	WSR46	16:17:54	B	8.1	239.6	0.34	26.77	27.62	51.10	3.50	24.75	7.74	9
2014/08/08	MF	WSR46	16:18:41	M	5.1	318.3	0.60	28.51	23.07	72.23	4.93	7.57	7.81	8
2014/08/08	MF	WSR46	16:19:27	T	0.9	198.0	0.47	29.88	18.62	110.98	7.59	4.01	7.96	4
2014/08/08	MF	WSR46	16:20:16	B	8.3	290.8	0.93	26.77	27.65	51.06	3.50	26.46	7.74	9
2014/08/08	MF	WSR46	16:20:58	M	5.1	259.3	0.46	28.57	22.67	74.84	5.11	7.30	7.83	7
2014/08/08	MF	WSR46	16:21:42	T	1.1	249.9	1.03	29.81	19.08	118.62	8.10	3.90	8.05	4

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/08	ME	DS1	12:00:56	B	3.1	302.6	0.17	29.62	18.91	102.12	7.00	8.98	7.91	12
2014/08/08	ME	DS1	12:01:33	T	1.1	92.1	0.41	29.46	18.54	99.08	6.83	5.93	7.89	7
2014/08/08	ME	DS1	12:02:16	B	2.9	317.1	0.27	29.55	19.84	110.94	7.58	11.72	7.94	12
2014/08/08	ME	DS1	12:02:47	T	1.1	319.7	0.76	29.50	18.76	102.73	7.06	6.36	7.93	7
2014/08/08	ME	DS1	12:03:24	B	3.0	223.1	0.44	29.72	19.54	108.32	7.39	5.19	7.97	12
2014/08/08	ME	DS1	12:03:53	T	1.2	115.7	0.20	29.45	18.67	100.56	6.92	6.09	7.91	7
2014/08/08	ME	DS2	12:10:13	B	3.2	276.1	0.62	29.14	19.15	95.16	6.57	3.52	7.86	5
2014/08/08	ME	DS2	12:10:46	T	1.2	65.3	0.12	29.15	18.95	94.44	6.52	3.84	7.86	5
2014/08/08	ME	DS2	12:11:15	B	3.1	18.2	1.14	29.11	19.37	94.73	6.53	3.48	7.86	5
2014/08/08	ME	DS2	12:11:41	T	1.2	303.4	0.85	29.14	19.10	94.85	6.55	3.72	7.86	5
2014/08/08	ME	DS2	12:12:10	B	3.0	14.6	0.41	29.14	19.11	94.54	6.53	3.68	7.86	5
2014/08/08	ME	DS2	12:12:48	T	1.0	114.8	0.24	29.14	19.07	94.41	6.52	4.09	7.86	5
2014/08/08	ME	DS3	12:17:49	B	5.1	226.3	0.39	28.87	20.51	90.61	6.24	4.03	7.85	7
2014/08/08	ME	DS3	12:18:16	M	3.6	228.0	0.56	29.01	19.99	92.78	6.39	4.55	7.86	8
2014/08/08	ME	DS3	12:18:59	T	1.0	57.7	1.70	29.59	18.92	100.69	6.91	3.67	7.88	6
2014/08/08	ME	DS3	12:19:43	B	5.0	136.1	0.46	28.87	20.37	90.11	6.21	3.49	7.85	7
2014/08/08	ME	DS3	12:20:16	M	3.4	352.8	0.52	29.24	19.68	96.64	6.64	3.41	7.87	8
2014/08/08	ME	DS3	12:20:45	T	1.2	161.7	0.33	29.67	19.14	105.02	7.18	3.07	7.91	6
2014/08/08	ME	DS3	12:21:31	B	5.2	1.3	0.17	28.73	20.84	85.22	5.87	5.14	7.83	8
2014/08/08	ME	DS3	12:22:13	M	3.6	18.8	0.88	29.06	19.94	94.26	6.49	3.68	7.87	8
2014/08/08	ME	DS3	12:22:55	T	1.1	222.4	0.93	29.56	18.83	100.69	6.91	3.87	7.89	6
2014/08/08	ME	DS4	12:28:06	B	7.8	15.3	0.58	27.57	25.25	65.14	4.46	8.95	7.74	12
2014/08/08	ME	DS4	12:28:33	M	5.0	42.9	0.63	28.08	22.24	75.92	5.24	6.82	7.76	12
2014/08/08	ME	DS4	12:29:18	T	1.0	4.3	0.13	28.26	19.21	94.50	6.51	3.67	7.87	12
2014/08/08	ME	DS4	12:30:02	B	8.1	96.7	0.52	27.59	25.25	65.22	4.47	8.73	7.75	12
2014/08/08	ME	DS4	12:30:45	M	5.0	178.4	0.40	28.34	22.27	76.66	5.27	5.57	7.80	12
2014/08/08	ME	DS4	12:31:30	T	1.1	70.5	0.83	29.29	19.29	96.00	6.60	3.54	7.87	5
2014/08/08	ME	DS4	12:32:16	B	8.1	103.7	0.52	27.55	25.30	64.31	4.41	7.42	7.74	12
2014/08/08	ME	DS4	12:32:45	M	5.0	34.4	0.16	28.22	22.25	73.27	5.05	6.74	7.76	13
2014/08/08	ME	DS4	12:33:20	T	1.1	322.1	0.24	29.32	18.76	93.28	6.43	3.66	7.85	5
2014/08/08	ME	DS5	12:38:30	B	8.5	172.7	0.24	27.26	26.18	61.82	4.23	5.88	7.73	5
2014/08/08	ME	DS5	12:39:13	M	5.2	236.8	0.34	28.59	20.90	85.15	5.87	3.53	7.81	6
2014/08/08	ME	DS5	12:39:59	T	1.1	117.2	0.50	29.40	18.02	93.49	6.46	3.65	7.84	4
2014/08/08	ME	DS5	12:40:43	B	9.0	99.4	0.77	26.80	27.83	56.79	3.88	11.83	7.73	5
2014/08/08	ME	DS5	12:41:25	M	5.6	49.4	0.17	28.38	21.97	78.58	5.41	4.06	7.80	6
2014/08/08	ME	DS5	12:42:22	T	0.9	110.8	1.00	29.65	16.95	93.97	6.51	3.76	7.83	4
2014/08/08	ME	DS5	12:43:37	B	8.9	190.0	0.63	26.97	27.06	60.11	4.12	5.97	7.74	5
2014/08/08	ME	DS5	12:44:20	M	5.5	255.2	0.63	28.48	21.37	80.42	5.54	3.85	7.81	6
2014/08/08	ME	DS5	12:44:52	T	0.9	143.6	0.88	29.50	17.56	93.56	6.48	3.78	7.85	4
2014/08/08	ME	US1	11:50:39	B	2.1	105.1	1.03	29.52	20.57	109.51	7.48	6.90	7.98	12
2014/08/08	ME	US1	11:51:26	T	0.9	60.1	0.62	29.74	19.99	117.70	8.01	14.50	8.02	14
2014/08/08	ME	US1	11:52:10	B	1.9	63.6	0.91	29.59	20.72	112.05	7.61	4.60	8.00	12
2014/08/08	ME	US1	11:52:49	T	1.1	29.7	0.37	29.78	19.88	125.36	8.53	12.81	8.07	14
2014/08/08	ME	US1	11:53:20	B	2.1	62.6	0.46	29.57	20.34	117.23	7.98	5.00	8.04	12
2014/08/08	ME	US1	11:53:51	T	1.1	197.5	0.56	29.79	19.87	128.86	8.76	10.60	8.08	14
2014/08/08	ME	US2	11:42:14	B	2.0	104.0	0.33	29.56	20.19	108.37	7.38	5.43	8.01	7
2014/08/08	ME	US2	11:43:00	T	1.1	26.1	0.62	29.63	19.85	122.74	8.37	4.49	8.07	6
2014/08/08	ME	US2	11:43:40	B	2.1	299.9	1.10	29.43	20.75	97.37	6.63	6.46	7.92	7
2014/08/08	ME	US2	11:44:24	T	0.9	259.2	0.26	29.70	19.74	127.90	8.72	4.30	8.09	6
2014/08/08	ME	US2	11:44:50	B	2.0	298.5	0.89	29.45	20.61	98.84	6.73	5.81	7.91	7
2014/08/08	ME	US2	11:45:32	T	1.0	303.3	0.11	29.72	19.81	122.14	8.32	4.58	8.06	6
2014/08/08	ME	MW1	09:53:55	B	17.7	42.8	0.46	25.56	31.12	42.98	2.95	4.10	7.68	8
2014/08/08	ME	MW1	09:54:49	M	10.1	301.2	0.04	27.71	23.74	77.68	5.35	2.28	7.85	5
2014/08/08	ME	MW1	09:55:33	T	1.1	70.1	0.62	28.67	20.12	94.36	6.53	2.07	7.91	5
2014/08/08	ME	MW1	09:56:42	B	17.8	350.7	0.47	25.43	31.40	41.68	2.86	6.74	7.74	9
2014/08/08	ME	MW1	09:57:44	M	10.3	37.6	0.76	27.70	23.79	77.68	5.35	2.29	7.88	5
2014/08/08	ME	MW1	09:58:31	T	1.0	77.0	0.89	29.10	19.28	98.21	6.78	2.13	7.95	5
2014/08/08	ME	MW1	09:59:42	B	18.0	49.9	0.69	25.42	31.47	41.84	2.87	8.30	7.76	8
2014/08/08	ME	MW1	10:00:25	M	10.1	251.1	0.63	27.78	23.48	76.94	5.30	2.31	7.88	5
2014/08/08	ME	MW1	10:01:10	T	1.1	61.1	1.58	29.00	19.55	97.70	6.74	2.03	7.96	5
2014/08/08	ME	THB1	11:18:30	B	3.2	171.2	1.21	29.54	20.78	95.85	6.51	10.51	7.92	15
2014/08/08	ME	THB1	11:19:19	T	0.8	255.4	0.30	29.78	20.00	115.81	7.87	4.21	8.04	9
2014/08/08	ME	THB1	11:20:20	B	3.1	50.6	1.56	28.88	22.10	72.08	4.92	9.79	7.74	15
2014/08/08	ME	THB1	11:21:00	T	1.2	143.2	0.12	29.76	20.44	122.07	8.28	4.32	8.07	9
2014/08/08	ME	THB1	11:22:01	B	2.9	163.6	1.58	29.15	21.27	86.05	5.87	5.54	7.87	15
2014/08/08	ME	THB1	11:22:45	T	0.9	116.3	0.11	29.81	19.78	125.27	8.52	3.46	8.08	9
2014/08/08	ME	THB2	11:23:30	M	1.2	40.0	0.03	30.11	18.96	93.70	6.37	11.29	7.90	4
2014/08/08	ME	THB2	11:24:17	M	1.2	40.0	0.03	30.08	18.94	94.27	6.41	9.79	7.91	4
2014/08/08	ME	THB2	11:26:11	M	1.2	40.0	0.03	30.09	18.94	97.66	6.64	6.59	7.95	4
2014/08/08	ME	WSR45C	10:41:52	B	12.0	147.3	0.82	25.96	30.16	46.07	3.16	14.67	7.75	8
2014/08/08	ME	WSR45C	10:42:43	M	6.9	154.6	0.09	28.60	20.06	81.93	5.68	4.01	7.86	8
2014/08/08	ME	WSR45C	10:43:27	T	1.0	127.6	0.89	28.95	18.09	86.93	6.05	4.13	7.86	9
2014/08/08	ME	WSR45C	10:44:15	B	12.1	305.3	0.09	26.01	30.02	47.81	3.27	13.58	7.75	8
2014/08/08	ME	WSR45C	10:45:00	M	7.1	1.2	0.62	28.63	20.04	82.84	5.74	3.83	7.86	8
2014/08/08	ME	WSR45C	10:45:45	T	1.0	92.4	0.97	29.01	17.90	88.12	6.14	3.59	7.86	9
2014/08/08	ME	WSR45C	10:46:35	B	12.0	74.3	0.33	25.98	30.08	46.18	3.16	14.45	7.74	8
2014/08/08	ME	WSR45C	10:47:17	M	7.2	30.5	0.65	28.61	20.04	82.07	5.69	4.03	7.86	8
2014/08/08	ME	WSR45C	10:48:04	T	0.9	83.7	0.39	29.20	17.04	89.48	6.24	3.59	7.86	9
2014/08/08	ME	WSR46	13:04:29	B	8.1	98.0	0.50	27.65	24.86	58.22	3.99	10.05	7.69	11
2014/08/08	ME	WSR46	13:05:14	M	4.9	123.3	0.73	28.82	19.90	77.25	5.34	4.59	7.73	5
2014/08/08	ME	WSR46	13:05:53	T	1.0	83.8	1.45	30.08	15.69	90.77	6.29	4.04	7.75	4
2014/08/08	ME	WSR46	13:06:36	B	8.5	62.9	0.24	27.62	25.04	58.46	4.01	10.54	7.69	10
2014/08/08	ME	WSR46	13:07:51	M	4.8	126.0	0.67	28.80	20.02	76.18	5.26	5.00	7.72	5
2014/08/08	ME	WSR46	13:08:33	T	1.1	134.6	1.46	30.10	15.62	91.09	6.31	3.96	7.75	4
2014/08/08	ME	WSR46	13:09:16	B	8.1	6.7	0.44	27.68	24.83	59.25	4.06	10.98	7.69	11
2014/08/08	ME	WSR46	13:10:09	M	4.8	91.1	1.11	28.91	19.54	77.67	5.37	4.67	7.7	

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/11	MF	DS1	18:01:11	B	1.9	241.1	0.92	28.76	21.53	74.53	5.11	11.45	7.75	13
2014/08/11	MF	DS1	18:02:00	T	1.1	299.9	0.65	29.33	20.88	90.47	6.17	11.55	7.84	11
2014/08/11	MF	DS1	18:03:00	B	2.1	268.6	0.29	29.32	20.90	91.07	6.21	11.45	7.84	13
2014/08/11	MF	DS1	18:04:00	T	1.0	3.1	0.45	29.33	20.89	92.18	6.28	12.05	7.85	12
2014/08/11	MF	DS1	18:05:01	B	2.1	216.5	1.04	29.23	20.96	89.79	6.13	11.85	7.83	13
2014/08/11	MF	DS1	18:06:01	T	1.0	180.7	0.26	29.31	20.91	91.50	6.24	11.45	7.85	11
2014/08/11	MF	DS2	18:10:29	B	3.0	45.9	0.33	29.11	21.19	88.13	6.02	10.85	7.82	18
2014/08/11	MF	DS2	18:11:12	T	1.0	131.5	1.10	29.25	21.03	92.94	6.34	8.55	7.86	13
2014/08/11	MF	DS2	18:12:01	B	2.9	158.2	0.49	29.13	21.20	87.24	5.95	10.05	7.82	18
2014/08/11	MF	DS2	18:13:00	T	0.9	245.3	0.72	29.23	21.05	92.96	6.34	8.75	7.85	14
2014/08/11	MF	DS2	18:14:01	B	3.1	41.9	0.35	29.16	21.16	88.65	6.05	9.75	7.83	17
2014/08/11	MF	DS2	18:15:09	T	1.0	111.4	0.20	29.17	21.12	89.37	6.10	10.45	7.83	14
2014/08/11	MF	DS3	18:20:14	B	4.3	178.6	0.57	28.84	21.72	78.57	5.37	38.12	7.79	21
2014/08/11	MF	DS3	18:21:01	M	3.0	247.1	0.23	29.15	21.31	86.50	5.90	31.33	7.84	15
2014/08/11	MF	DS3	18:22:14	T	1.0	222.1	0.46	29.33	21.08	95.04	6.47	14.65	7.88	13
2014/08/11	MF	DS3	18:23:01	B	3.8	218.9	0.43	28.91	21.61	80.90	5.53	39.12	7.80	20
2014/08/11	MF	DS3	18:24:00	M	3.0	198.3	0.65	28.98	21.51	81.40	5.56	38.22	7.81	15
2014/08/11	MF	DS3	18:25:00	T	1.2	41.1	0.55	29.36	21.00	96.37	6.56	9.35	7.89	13
2014/08/11	MF	DS3	18:26:49	B	4.0	52.7	0.13	28.89	21.63	79.01	5.40	43.72	7.79	21
2014/08/11	MF	DS3	18:27:33	M	3.0	297.5	0.43	28.95	21.55	80.53	5.50	39.82	7.80	15
2014/08/11	MF	DS3	18:28:42	T	1.1	283.8	0.57	29.29	21.07	94.09	6.41	11.45	7.88	13
2014/08/11	MF	DS4	18:34:11	B	3.9	275.3	0.61	28.86	21.69	80.97	5.54	18.64	7.80	18
2014/08/11	MF	DS4	18:35:11	M	3.0	240.7	0.34	29.22	21.28	91.33	6.22	20.34	7.86	15
2014/08/11	MF	DS4	18:36:02	T	0.8	212.2	0.63	29.37	21.13	99.48	6.77	13.25	7.91	13
2014/08/11	MF	DS4	18:37:00	B	3.9	244.1	0.26	28.84	21.71	79.79	5.46	22.24	7.80	18
2014/08/11	MF	DS4	18:38:04	M	2.9	89.6	1.00	29.16	21.32	89.44	6.10	20.54	7.84	15
2014/08/11	MF	DS4	18:39:00	T	1.2	269.5	0.71	29.38	21.12	99.90	6.79	12.75	7.91	13
2014/08/11	MF	DS4	18:40:01	B	3.9	137.6	0.27	28.83	21.74	79.91	5.47	22.34	7.80	18
2014/08/11	MF	DS4	18:41:00	M	3.0	203.7	0.86	28.95	21.57	81.83	5.59	22.24	7.81	15
2014/08/11	MF	DS4	18:42:01	T	1.1	236.3	0.01	29.38	21.12	99.33	6.75	11.75	7.91	13
2014/08/11	MF	DS5	18:50:00	B	1.5	40.0	0.03	29.11	21.38	87.83	5.99	26.53	7.83	21
2014/08/11	MF	DS5	18:51:01	B	1.5	40.0	0.03	29.06	21.44	85.12	5.81	30.63	7.82	22
2014/08/11	MF	DS5	18:52:02	B	1.5	40.0	0.03	29.24	21.47	84.02	5.74	32.33	7.81	20
2014/08/11	MF	US1	19:10:10	B	2.8	267.4	0.20	28.72	21.15	71.35	4.91	14.25	7.71	13
2014/08/11	MF	US1	19:11:00	T	1.2	250.2	0.46	28.84	21.00	72.57	4.98	10.55	7.73	10
2014/08/11	MF	US1	19:12:00	B	2.8	32.5	0.16	28.64	21.48	67.23	4.62	17.34	7.70	13
2014/08/11	MF	US1	19:13:10	T	0.9	289.3	1.56	28.82	21.17	71.17	4.88	12.75	7.72	9
2014/08/11	MF	US1	19:14:01	B	3.0	128.9	0.31	28.66	21.44	67.14	4.61	17.94	7.70	14
2014/08/11	MF	US1	19:15:00	T	1.1	299.6	0.54	28.96	21.01	75.32	5.16	10.25	7.76	10
2014/08/11	MF	US2	19:23:00	B	8.0	240.9	1.34	28.65	21.49	66.59	4.57	12.05	7.68	17
2014/08/11	MF	US2	19:24:00	M	4.9	340.6	0.68	28.88	20.86	71.44	4.91	9.45	7.69	10
2014/08/11	MF	US2	19:25:01	T	0.9	254.0	0.51	28.96	20.74	73.87	5.07	8.95	7.71	11
2014/08/11	MF	US2	19:26:00	B	7.9	31.0	0.55	28.73	21.29	67.82	4.66	11.65	7.68	18
2014/08/11	MF	US2	19:27:00	M	5.1	52.0	0.37	28.86	20.90	70.45	4.84	9.85	7.69	10
2014/08/11	MF	US2	19:28:00	T	1.2	88.7	0.64	28.92	20.79	72.07	4.95	9.05	7.70	11
2014/08/11	MF	US2	19:30:31	B	8.1	39.3	0.09	28.35	22.27	65.52	4.50	14.45	7.70	18
2014/08/11	MF	US2	19:31:19	M	5.3	334.0	0.22	28.59	21.67	66.44	4.56	13.25	7.69	9
2014/08/11	MF	US2	19:32:00	T	1.2	333.7	0.58	28.86	20.88	70.18	4.82	9.85	7.69	11
2014/08/11	MF	MW1	20:03:49	B	17.9	257.1	0.39	26.03	28.90	45.64	3.14	28.38	7.68	23
2014/08/11	MF	MW1	20:04:35	M	10.2	278.3	0.18	26.67	27.32	47.55	3.27	13.46	7.68	19
2014/08/11	MF	MW1	20:05:19	T	0.9	139.9	0.55	27.47	25.43	53.59	3.67	11.10	7.64	18
2014/08/11	MF	MW1	20:06:39	B	18.1	260.0	0.15	26.05	28.86	45.49	3.13	24.83	7.67	24
2014/08/11	MF	MW1	20:07:24	M	10.1	78.5	0.28	26.68	27.28	47.35	3.25	11.54	7.66	19
2014/08/11	MF	MW1	20:08:10	T	1.0	243.2	0.22	27.49	25.40	53.55	3.67	10.17	7.64	18
2014/08/11	MF	MW1	20:09:19	B	18.1	82.5	0.69	26.06	28.85	45.33	3.12	33.28	7.67	24
2014/08/11	MF	MW1	20:10:04	M	10.2	238.4	0.30	26.71	27.21	47.31	3.25	12.41	7.65	18
2014/08/11	MF	MW1	20:10:59	T	0.8	109.3	0.22	27.58	25.17	55.10	3.78	8.80	7.64	18
2014/08/11	MF	THB1	18:41:09	B	1.7	152.4	0.94	29.03	22.01	81.12	5.52	16.75	7.73	22
2014/08/11	MF	THB1	18:42:02	T	1.0	186.1	0.54	29.08	21.92	84.03	5.72	15.67	7.74	17
2014/08/11	MF	THB1	18:42:52	B	1.8	144.2	1.40	29.02	22.05	79.71	5.43	20.12	7.72	22
2014/08/11	MF	THB1	18:43:37	T	1.0	270.4	0.52	29.09	21.94	83.98	5.71	17.62	7.74	19
2014/08/11	MF	THB1	18:44:22	B	1.9	78.3	0.65	29.09	21.93	84.00	5.71	17.59	7.74	22
2014/08/11	MF	THB1	18:45:08	T	0.9	187.1	0.24	29.09	21.91	84.65	5.76	14.26	7.74	17
2014/08/11	MF	THB2	18:47:39	M	0.9	40.0	0.04	30.85	20.08	84.19	5.62	16.99	7.80	15
2014/08/11	MF	THB2	18:48:07	M	0.9	40.0	0.04	30.77	20.10	85.37	5.71	18.99	7.80	15
2014/08/11	MF	THB2	18:48:50	M	0.9	40.0	0.04	30.63	20.35	83.86	5.61	14.19	7.80	15
2014/08/11	MF	WSR45C	19:21:31	B	12.3	236.8	0.14	27.59	24.88	57.93	3.98	23.15	7.63	16
2014/08/11	MF	WSR45C	19:22:25	M	7.4	244.9	1.73	28.19	23.58	61.47	4.21	12.88	7.63	12
2014/08/11	MF	WSR45C	19:23:11	T	1.1	275.7	1.27	28.81	22.22	67.24	4.59	8.13	7.63	9
2014/08/11	MF	WSR45C	19:24:03	B	11.6	309.9	0.72	27.76	24.54	57.03	3.91	16.72	7.63	17
2014/08/11	MF	WSR45C	19:24:43	M	7.1	238.3	0.94	28.58	22.79	64.12	4.38	12.17	7.63	13
2014/08/11	MF	WSR45C	19:25:24	T	1.1	248.5	0.57	28.92	22.04	69.00	4.70	7.82	7.63	9
2014/08/11	MF	WSR45C	19:26:17	B	11.5	245.5	0.61	27.80	24.47	58.02	3.98	17.07	7.63	15
2014/08/11	MF	WSR45C	19:27:03	M	7.2	268.7	0.77	28.55	22.87	64.09	4.38	10.87	7.63	12
2014/08/11	MF	WSR45C	19:27:49	T	1.2	252.7	0.37	28.99	21.91	70.09	4.78	7.76	7.64	9
2014/08/11	MF	WSR46	18:15:48	B	8.1	297.3	0.14	28.06	23.77	60.31	4.13	22.57	7.60	16
2014/08/11	MF	WSR46	18:16:31	M	5.1	289.2	0.39	29.10	21.75	78.03	5.31	11.33	7.66	12
2014/08/11	MF	WSR46	18:17:13	T	1.0	87.6	0.41	29.30	20.38	73.62	5.03	13.03	7.59	13
2014/08/11	MF	WSR46	18:18:05	B	7.9	251.7	1.26	28.01	23.91	59.02	4.04	19.86	7.64	16
2014/08/11	MF	WSR46	18:18:47	M	4.9	249.5	0.87	28.98	21.53	68.13	4.65	14.51	7.61	12
2014/08/11	MF	WSR46	18:19:33	T	1.1	311.1	0.79	29.24	20.58	71.29	4.87	14.19	7.59	14
2014/08/11	MF	WSR46	18:20:18	B	7.4	256.1	0.87	28.24	23.44	61.88	4.23	14.80	7.65	16
2014/08/11	MF	WSR46	18:20:56	M	5.4	309.6	1.11	28.93	22.03	72.73	4.96	11.73	7.68	12
2014/08/11	MF	WSR46	18:21:36	T	1.1	351.3	0.64	29.23	20.68	70.80	4.84	12.95	7.59	13

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/11	ME	DS1	12:29:10	B	3.7	345.1	1.17	28.04	22.90	64.57	4.45	8.95	7.71	9
2014/08/11	ME	DS1	12:30:13	M	2.8	69.4	0.35	28.58	21.60	68.67	4.72	9.15	7.75	9
2014/08/11	ME	DS1	12:31:06	T	1.1	349.1	0.48	29.03	20.89	76.86	5.26	6.45	7.79	11
2014/08/11	ME	DS1	12:32:00	B	3.8	9.1	0.80	28.15	22.54	62.67	4.32	9.95	7.75	9
2014/08/11	ME	DS1	12:33:00	M	2.9	42.4	0.56	28.61	21.62	68.86	4.73	8.85	7.77	8
2014/08/11	ME	DS1	12:34:00	T	1.0	40.3	0.37	29.02	20.84	76.76	5.26	6.45	7.79	10
2014/08/11	ME	DS1	12:35:00	B	4.0	298.5	0.24	27.95	23.05	61.76	4.26	8.75	7.76	10
2014/08/11	ME	DS1	12:36:00	M	2.9	350.2	0.41	28.50	21.77	65.96	4.54	9.45	7.77	9
2014/08/11	ME	DS1	12:37:00	T	1.1	167.1	0.32	28.93	20.96	75.75	5.20	6.25	7.80	11
2014/08/11	ME	DS2	12:42:10	B	7.9	121.8	0.12	27.00	25.50	55.26	3.82	12.45	7.78	16
2014/08/11	ME	DS2	12:43:00	M	4.9	47.4	0.70	28.05	22.67	60.96	4.20	8.45	7.78	7
2014/08/11	ME	DS2	12:44:00	T	1.1	230.7	0.44	28.99	20.71	73.45	5.04	7.15	7.79	10
2014/08/11	ME	DS2	12:45:12	B	8.1	204.5	0.37	26.91	25.77	53.46	3.69	12.45	7.78	17
2014/08/11	ME	DS2	12:46:11	M	4.8	16.5	0.51	28.28	22.18	63.05	4.34	8.75	7.78	7
2014/08/11	ME	DS2	12:47:00	T	1.0	75.0	0.58	29.25	20.56	75.14	5.14	6.95	7.80	10
2014/08/11	ME	DS2	12:48:00	B	8.1	61.1	0.08	26.93	25.68	52.16	3.60	12.25	7.79	16
2014/08/11	ME	DS2	12:49:03	M	4.9	93.8	0.92	28.14	22.54	62.35	4.29	8.95	7.79	8
2014/08/11	ME	DS2	12:50:00	T	1.0	193.2	0.47	29.17	20.61	74.54	5.10	6.85	7.79	10
2014/08/11	ME	DS3	12:54:42	B	7.8	172.3	0.25	27.33	24.63	56.35	3.89	12.55	7.79	10
2014/08/11	ME	DS3	12:55:28	M	5.1	285.4	0.11	27.91	23.30	62.15	4.28	9.25	7.79	8
2014/08/11	ME	DS3	12:56:12	T	0.8	353.4	1.18	28.98	20.77	69.94	4.80	8.05	7.77	8
2014/08/11	ME	DS3	12:57:53	B	7.6	44.4	0.34	27.13	25.10	53.65	3.71	14.15	7.79	10
2014/08/11	ME	DS3	12:58:38	M	5.2	110.6	0.21	27.62	24.01	58.65	4.04	9.55	7.79	9
2014/08/11	ME	DS3	12:59:21	T	1.1	326.8	0.43	28.82	20.87	68.24	4.69	8.35	7.78	8
2014/08/11	ME	DS3	13:01:09	B	7.5	256.7	0.19	27.23	24.89	54.15	3.74	13.35	7.79	10
2014/08/11	ME	DS3	13:02:02	M	5.1	158.4	0.65	27.95	23.22	62.44	4.30	9.25	7.80	9
2014/08/11	ME	DS3	13:03:00	T	1.0	185.5	0.75	28.72	21.00	67.03	4.61	9.05	7.77	8
2014/08/11	ME	DS4	13:07:45	B	9.9	9.6	0.52	26.91	25.67	54.24	3.75	16.24	7.79	15
2014/08/11	ME	DS4	13:08:35	M	6.3	73.7	0.47	27.31	24.65	55.64	3.84	13.25	7.79	13
2014/08/11	ME	DS4	13:09:23	T	1.1	63.6	0.40	28.68	21.39	68.43	4.70	8.65	7.79	8
2014/08/11	ME	DS4	13:10:14	B	10.2	55.6	0.73	26.88	25.79	52.64	3.64	17.74	7.80	15
2014/08/11	ME	DS4	13:11:02	M	6.0	96.2	0.57	27.36	24.59	55.64	3.84	12.95	7.80	12
2014/08/11	ME	DS4	13:12:00	T	1.0	88.3	0.37	28.63	21.39	67.32	4.63	8.65	7.79	8
2014/08/11	ME	DS4	13:13:38	B	9.6	9.8	0.41	27.05	25.32	52.34	3.62	15.94	7.80	15
2014/08/11	ME	DS4	13:14:27	M	6.1	344.9	0.81	27.32	24.70	55.24	3.81	12.05	7.80	13
2014/08/11	ME	DS4	13:15:11	T	1.1	13.0	0.47	28.74	20.92	64.72	4.45	9.25	7.77	8
2014/08/11	ME	DS5	13:23:43	B	10.6	115.0	0.43	26.87	25.76	51.53	3.56	28.63	7.80	14
2014/08/11	ME	DS5	13:24:54	M	5.8	124.8	1.24	27.36	24.54	54.43	3.76	16.24	7.79	12
2014/08/11	ME	DS5	13:25:42	T	1.1	63.0	0.58	28.74	21.32	69.41	4.77	9.15	7.80	8
2014/08/11	ME	DS5	13:27:32	B	11.7	125.6	0.44	26.87	25.77	51.33	3.55	31.13	7.80	15
2014/08/11	ME	DS5	13:28:14	M	7.1	70.5	0.69	27.24	24.75	53.73	3.71	16.34	7.79	12
2014/08/11	ME	DS5	13:29:03	T	1.2	48.2	0.61	28.73	21.33	69.11	4.75	8.75	7.80	8
2014/08/11	ME	DS5	13:30:18	B	11.3	66.4	0.34	26.88	25.77	51.53	3.56	25.83	7.80	14
2014/08/11	ME	DS5	13:31:01	M	6.7	55.1	0.58	27.39	24.43	54.92	3.79	15.34	7.79	12
2014/08/11	ME	DS5	13:32:00	T	1.4	143.0	0.37	28.66	21.43	69.60	4.78	8.95	7.81	8
2014/08/11	ME	US1	13:48:28	B	2.8	338.7	0.74	28.74	21.71	70.48	4.83	25.83	7.81	19
2014/08/11	ME	US1	13:49:21	T	1.0	50.1	0.68	29.17	21.10	82.76	5.65	13.35	7.88	13
2014/08/11	ME	US1	13:50:10	B	3.1	25.7	1.17	28.73	21.76	71.28	4.88	24.94	7.81	18
2014/08/11	ME	US1	13:51:00	T	1.0	154.8	0.88	29.18	21.07	84.86	5.79	11.25	7.88	13
2014/08/11	ME	US1	13:52:00	B	3.0	64.8	0.50	28.76	21.67	72.28	4.95	25.63	7.81	18
2014/08/11	ME	US1	13:54:05	T	0.9	53.9	0.10	29.03	21.23	80.26	5.49	10.65	7.84	13
2014/08/11	ME	US2	14:02:34	B	2.0	177.7	0.15	29.05	21.26	82.35	5.63	11.65	7.84	12
2014/08/11	ME	US2	14:03:15	T	1.0	93.5	0.20	29.17	21.16	84.24	5.75	10.35	7.85	11
2014/08/11	ME	US2	14:04:00	B	2.1	67.4	0.68	29.10	21.23	83.84	5.72	11.75	7.84	13
2014/08/11	ME	US2	14:05:00	T	0.9	61.6	0.43	29.17	21.14	85.04	5.80	10.15	7.86	11
2014/08/11	ME	US2	14:06:00	B	2.0	67.5	0.37	28.94	21.36	78.85	5.39	15.34	7.82	12
2014/08/11	ME	US2	14:07:00	T	1.0	8.3	0.61	29.24	21.09	86.23	5.88	9.35	7.86	12
2014/08/11	ME	MW1	12:21:35	B	18.1	92.4	0.38	26.64	28.40	50.53	3.45	8.41	7.65	8
2014/08/11	ME	MW1	12:22:26	M	9.5	296.0	0.13	26.78	28.02	51.28	3.51	7.04	7.67	9
2014/08/11	ME	MW1	12:23:15	T	1.0	85.0	1.30	28.59	24.44	67.65	4.58	4.14	7.67	6
2014/08/11	ME	MW1	12:24:24	B	17.7	342.8	0.51	26.84	27.90	51.89	3.55	11.49	7.69	8
2014/08/11	ME	MW1	12:25:46	M	10.1	83.9	0.88	27.14	27.16	54.38	3.71	7.16	7.70	9
2014/08/11	ME	MW1	12:26:46	T	1.4	101.5	1.21	27.93	25.56	62.00	4.21	4.91	7.69	6
2014/08/11	ME	MW1	12:28:08	B	18.3	346.3	0.58	27.17	27.14	54.57	3.72	8.52	7.70	8
2014/08/11	ME	MW1	12:29:00	M	10.0	133.0	0.82	27.26	26.90	55.59	3.79	6.33	7.70	9
2014/08/11	ME	MW1	12:29:46	T	0.8	80.7	1.39	28.68	23.78	67.42	4.57	5.56	7.69	6
2014/08/11	ME	THB1	13:38:33	B	3.1	93.7	0.39	28.92	23.08	74.40	5.04	15.59	7.69	13
2014/08/11	ME	THB1	13:39:24	T	0.9	219.5	0.31	29.22	22.28	85.36	5.78	4.46	7.73	8
2014/08/11	ME	THB1	13:40:01	B	3.1	37.6	0.24	28.92	23.10	74.40	5.04	15.78	7.70	14
2014/08/11	ME	THB1	13:41:02	T	0.9	13.4	0.21	29.15	22.41	87.75	5.95	4.88	7.74	9
2014/08/11	ME	THB1	13:41:47	B	3.1	126.7	0.85	28.90	23.13	73.83	5.00	14.02	7.70	13
2014/08/11	ME	THB1	13:42:46	T	1.1	58.2	0.94	29.06	22.80	84.84	5.75	5.65	7.75	9
2014/08/11	ME	THB2	13:49:53	M	1.3	40.0	0.04	30.04	20.06	86.46	5.85	3.19	7.78	6
2014/08/11	ME	THB2	13:50:23	M	1.3	40.0	0.05	30.02	20.08	87.26	5.91	3.29	7.78	5
2014/08/11	ME	THB2	13:50:48	M	1.3	40.0	0.04	30.02	20.09	87.37	5.91	3.09	7.78	6
2014/08/11	ME	WSR45C	13:07:59	B	11.9	42.0	0.83	27.64	25.48	57.51	3.93	13.00	7.67	11
2014/08/11	ME	WSR45C	13:08:59	M	6.9	62.0	0.49	27.79	25.03	58.55	4.00	13.40	7.66	14
2014/08/11	ME	WSR45C	13:09:59	T	0.9	120.9	1.36	28.54	23.20	67.17	4.58	9.29	7.66	10
2014/08/11	ME	WSR45C	13:10:59	B	12.1	94.2	0.86	27.75	25.22	57.70	3.94	13.68	7.67	12
2014/08/11	ME	WSR45C	13:11:59	M	6.9	97.6	0.94	27.78	24.97	57.85	3.95	13.26	7.66	14
2014/08/11	ME	WSR45C	13:12:59	T	1.1	128.4	0.40	28.56	23.31	67.61	4.60	9.74	7.67	10
2014/08/11	ME	WSR45C	13:13:59	B	11.8	51.2	1.12	27.75	25.18	57.66	3.94	14.49	7.67	11
2014/08/11	ME	WSR45C	13:14:59	M	7.0	67.6	0.12	27.83	24.90	58.30	3.98	13.01	7.67	15
2014/08/11	ME	WSR45C	13:15:59	T	0.9	129.3	0.73	28.61	23.27	68.56	4.67	9.64	7.68	11
2014/08/11	ME	WSR46	14:21:59	B	7.5	93.4	0.70	28.29	24.45	63.05	4.29	25.03	7.62	21
2014/08/11	ME	WSR46	14:22:59	M	5.3	125.4	1.09	28.49	23.81	67.08	4.56			

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/13	MF	DS1	10:49:02	B	3.0	199.1	0.31	28.38	21.95	69.32	4.77	14.63	7.65	10
2014/08/13	MF	DS1	10:49:37	T	1.0	125.4	0.96	28.44	21.21	70.32	4.86	8.77	7.65	12
2014/08/13	MF	DS1	10:50:05	B	3.0	27.4	0.13	28.41	21.84	66.85	4.60	13.31	7.64	9
2014/08/13	MF	DS1	10:50:32	T	1.2	248.2	0.99	28.44	21.35	67.40	4.65	10.10	7.64	13
2014/08/13	MF	DS1	10:51:05	B	2.9	355.2	0.46	28.42	21.81	66.92	4.61	12.83	7.64	10
2014/08/13	MF	DS1	10:51:31	T	1.1	325.2	0.06	28.46	21.30	68.61	4.73	8.97	7.64	12
2014/08/13	MF	DS2	10:56:12	B	3.0	45.0	0.33	28.52	21.92	73.63	5.06	11.38	7.68	14
2014/08/13	MF	DS2	10:56:38	T	1.1	294.9	0.10	28.48	21.56	77.26	5.32	12.91	7.69	13
2014/08/13	MF	DS2	10:57:07	B	2.8	232.4	0.39	28.54	21.67	76.57	5.26	9.20	7.69	15
2014/08/13	MF	DS2	10:57:38	T	1.3	121.4	0.65	28.48	21.48	77.43	5.33	8.53	7.69	13
2014/08/13	MF	DS2	10:58:03	B	3.0	102.9	0.15	28.52	21.59	76.90	5.29	8.84	7.69	14
2014/08/13	MF	DS2	10:58:27	T	1.1	55.1	0.77	28.45	21.39	77.79	5.36	10.00	7.69	13
2014/08/13	MF	DS3	11:02:31	B	5.8	162.3	0.35	28.68	22.42	69.47	4.75	11.62	7.67	13
2014/08/13	MF	DS3	11:02:58	M	4.2	98.6	1.14	28.60	22.18	68.23	4.67	11.66	7.66	13
2014/08/13	MF	DS3	11:03:25	T	1.0	258.8	0.95	28.38	20.80	74.21	5.14	7.41	7.66	9
2014/08/13	MF	DS3	11:04:07	B	5.7	16.6	0.45	28.67	22.44	67.95	4.64	11.71	7.67	12
2014/08/13	MF	DS3	11:04:38	M	4.0	139.4	0.37	28.56	22.01	66.55	4.57	10.32	7.65	13
2014/08/13	MF	DS3	11:05:06	T	1.1	344.7	0.05	28.38	20.80	74.14	5.14	7.11	7.66	8
2014/08/13	MF	DS3	11:05:38	B	6.0	249.1	0.25	28.65	22.44	68.00	4.65	11.99	7.66	12
2014/08/13	MF	DS3	11:06:01	M	4.1	22.1	0.89	28.59	22.18	67.41	4.62	11.16	7.66	12
2014/08/13	MF	DS3	11:06:27	T	1.1	290.7	0.39	28.47	21.29	69.62	4.80	8.50	7.65	8
2014/08/13	MF	DS4	11:10:55	B	6.6	47.5	1.22	28.62	21.91	73.53	5.04	12.27	7.68	11
2014/08/13	MF	DS4	11:11:27	M	4.0	240.2	0.30	28.64	21.94	72.34	4.96	8.77	7.68	13
2014/08/13	MF	DS4	11:11:54	T	1.0	105.8	0.48	28.47	20.99	73.43	5.07	7.23	7.67	9
2014/08/13	MF	DS4	11:12:24	B	5.8	28.4	0.19	28.67	22.34	70.22	4.80	16.09	7.67	12
2014/08/13	MF	DS4	11:12:49	M	4.2	118.7	0.19	28.61	21.63	73.51	5.05	7.24	7.68	12
2014/08/13	MF	DS4	11:13:15	T	1.0	316.2	0.21	28.48	20.82	73.05	5.05	8.12	7.67	8
2014/08/13	MF	DS4	11:13:48	B	5.8	169.5	0.62	28.67	22.24	70.34	4.81	12.27	7.67	10
2014/08/13	MF	DS4	11:14:11	M	4.1	192.8	0.16	28.63	21.80	71.47	4.90	8.45	7.67	13
2014/08/13	MF	DS4	11:14:34	T	1.1	221.8	1.08	28.49	20.91	73.21	5.06	7.90	7.67	9
2014/08/13	MF	DS5	11:18:18	B	4.9	294.7	0.51	28.57	21.80	73.40	5.04	10.48	7.69	13
2014/08/13	MF	DS5	11:18:46	M	3.5	215.0	0.24	28.53	21.39	74.47	5.13	8.42	7.69	10
2014/08/13	MF	DS5	11:19:09	T	1.0	212.6	0.51	28.47	21.14	74.50	5.14	8.07	7.69	8
2014/08/13	MF	DS5	11:19:39	B	5.2	163.8	0.69	28.57	21.76	72.69	4.99	9.92	7.69	14
2014/08/13	MF	DS5	11:20:04	M	3.5	216.0	0.61	28.56	21.60	72.35	4.97	9.11	7.68	10
2014/08/13	MF	DS5	11:20:34	T	1.0	311.2	0.48	28.51	21.29	74.59	5.14	8.40	7.69	8
2014/08/13	MF	DS5	11:21:02	B	4.9	12.6	0.67	28.60	22.01	70.63	4.84	11.98	7.68	13
2014/08/13	MF	DS5	11:21:25	M	3.5	78.1	0.90	28.58	21.75	70.87	4.87	9.88	7.68	9
2014/08/13	MF	DS5	11:21:50	T	1.1	192.1	0.12	28.45	20.96	76.67	5.30	7.05	7.70	8
2014/08/13	MF	US1	10:40:07	B	5.0	303.9	0.43	27.65	24.68	59.21	4.06	10.92	7.68	12
2014/08/13	MF	US1	10:40:32	M	3.7	302.5	0.68	27.89	23.91	58.53	4.00	11.77	7.68	13
2014/08/13	MF	US1	10:41:01	T	1.3	76.0	0.38	28.19	22.64	61.82	4.25	11.96	7.65	15
2014/08/13	MF	US1	10:41:31	B	5.0	25.3	0.55	27.89	23.92	58.97	4.05	11.12	7.65	12
2014/08/13	MF	US1	10:42:00	M	3.6	98.9	0.72	28.15	22.96	60.15	4.13	13.09	7.65	13
2014/08/13	MF	US1	10:42:26	T	1.3	117.6	0.72	28.45	21.26	66.70	4.60	9.31	7.64	14
2014/08/13	MF	US1	10:42:59	B	5.0	298.4	0.50	27.76	24.32	57.19	3.93	10.72	7.67	13
2014/08/13	MF	US1	10:43:24	M	3.5	62.9	0.29	28.16	22.98	59.61	4.09	12.14	7.66	13
2014/08/13	MF	US1	10:44:01	T	1.2	304.2	0.51	28.47	21.25	66.90	4.62	7.20	7.64	15
2014/08/13	MF	US2	10:30:02	B	9.8	79.6	0.19	27.03	26.44	54.75	3.76	13.24	7.71	14
2014/08/13	MF	US2	10:30:39	M	5.9	342.6	0.74	27.13	26.16	53.43	3.67	14.40	7.70	16
2014/08/13	MF	US2	10:31:18	T	1.2	318.1	0.59	28.26	21.65	67.80	4.68	6.12	7.65	8
2014/08/13	MF	US2	10:31:58	B	9.9	225.7	1.09	27.01	26.52	52.93	3.63	15.16	7.70	13
2014/08/13	MF	US2	10:32:37	M	6.0	140.7	0.47	27.17	26.08	52.87	3.63	13.50	7.70	15
2014/08/13	MF	US2	10:33:22	T	1.1	51.1	0.51	28.27	21.67	67.39	4.65	6.20	7.65	8
2014/08/13	MF	US2	10:34:57	B	10.1	44.1	0.32	27.00	26.55	53.61	3.68	13.74	7.70	13
2014/08/13	MF	US2	10:35:31	M	6.2	101.1	0.58	27.24	25.96	53.57	3.68	13.74	7.69	17
2014/08/13	MF	US2	10:36:17	T	1.1	97.2	0.30	28.30	21.71	66.88	4.62	6.35	7.64	8
2014/08/13	MF	MW1	09:03:20	B	19.0	265.3	0.30	25.74	29.47	47.95	3.31	22.32	7.76	20
2014/08/13	MF	MW1	09:04:17	M	10.5	174.5	0.93	26.14	28.46	50.14	3.46	17.56	7.77	20
2014/08/13	MF	MW1	09:05:05	T	1.1	354.8	0.50	26.99	26.31	53.40	3.67	6.49	7.73	8
2014/08/13	MF	MW1	09:06:10	B	19.0	112.1	0.96	25.69	29.67	46.89	3.23	22.58	7.79	20
2014/08/13	MF	MW1	09:06:53	M	10.5	134.5	0.79	26.14	28.51	49.56	3.42	16.93	7.76	20
2014/08/13	MF	MW1	09:07:43	T	1.1	233.2	0.50	26.86	26.69	52.67	3.62	7.78	7.72	8
2014/08/13	MF	MW1	09:08:48	B	19.0	218.1	1.08	25.73	29.61	47.01	3.24	18.32	7.78	19
2014/08/13	MF	MW1	09:09:32	M	10.4	142.1	0.76	26.12	28.59	49.24	3.39	16.89	7.76	19
2014/08/13	MF	MW1	09:10:19	T	1.0	328.2	1.14	26.71	27.15	51.70	3.56	8.61	7.73	9
2014/08/13	MF	THB1	11:31:42	B	3.3	327.3	0.33	28.57	21.90	62.60	4.30	21.19	7.59	16
2014/08/13	MF	THB1	11:32:12	T	1.1	327.5	0.65	28.57	21.45	64.12	4.41	11.54	7.59	15
2014/08/13	MF	THB1	11:32:37	B	2.9	120.6	0.77	28.58	21.43	63.79	4.39	13.19	7.59	16
2014/08/13	MF	THB1	11:33:07	T	1.1	261.1	0.03	28.55	21.05	66.02	4.55	10.01	7.60	15
2014/08/13	MF	THB1	11:33:39	B	2.9	276.7	0.80	28.58	21.83	62.39	4.28	15.29	7.59	16
2014/08/13	MF	THB1	11:34:02	T	1.1	277.9	0.41	28.59	21.21	63.97	4.41	10.51	7.59	15
2014/08/13	MF	WSR45C	09:42:47	B	11.6	198.7	0.62	26.44	27.98	48.24	3.32	60.09	7.71	34
2014/08/13	MF	WSR45C	09:43:39	M	7.1	260.5	0.47	26.59	27.62	49.22	3.38	14.89	7.71	20
2014/08/13	MF	WSR45C	09:44:25	T	1.1	339.5	0.79	28.24	21.82	65.13	4.50	8.19	7.63	12
2014/08/13	MF	WSR45C	09:45:19	B	11.6	261.1	0.46	26.45	28.02	48.44	3.33	50.13	7.72	33
2014/08/13	MF	WSR45C	09:46:01	M	7.0	189.7	1.12	26.58	27.67	49.01	3.37	17.60	7.71	20
2014/08/13	MF	WSR45C	09:46:46	T	0.8	13.1	1.50	28.22	21.69	64.28	4.44	8.03	7.64	12
2014/08/13	MF	WSR45C	09:47:32	B	11.9	214.4	0.45	26.43	28.06	48.45	3.33	37.96	7.72	35
2014/08/13	MF	WSR45C	09:48:11	M	7.0	170.8	0.45	26.60	27.62	48.92	3.36	17.87	7.72	21
2014/08/13	MF	WSR45C	09:48:57	T	0.9	329.7	1.00	28.21	21.64	66.05	4.57	7.78	7.64	12
2014/08/13	MF	WSR46	10:05:36	B	8.8	126.2	0.53	27.69	24.46	56.91	4.05	14.36	7.68	23
2014/08/13	MF	WSR46	10:06:17	M	5.4	62.7	0.30	28.13	23.03	62.61	4.30	7.66	7.65	12
2014/08/13	MF	WSR46	10:06:53	T	1.2	67.6	0.33	28.22	22.62	64.01	4.40	7.23	7.65	8
2014/08/13	MF	WSR46	10:08:45	B	9.4	158.0	0.48	27.40	25.55	53.99	3.70	27.81	7.69	23
2014/08/13	MF	WSR46	10:09:20	M	5									

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/13	ME	DS1	14:18:05	B	4.0	304.4	0.38	28.01	23.34	64.72	4.45	8.43	7.61	10
2014/08/13	ME	DS1	14:18:28	M	3.1	122.5	0.76	28.08	23.24	62.33	4.28	8.60	7.61	11
2014/08/13	ME	DS1	14:19:00	T	0.8	304.7	0.02	28.36	21.20	71.32	4.93	7.40	7.61	10
2014/08/13	ME	DS1	14:19:44	B	3.8	180.4	0.16	28.10	23.17	61.65	4.23	8.55	7.61	11
2014/08/13	ME	DS1	14:20:17	M	2.9	119.7	0.75	28.20	22.95	61.94	4.25	9.12	7.60	16
2014/08/13	ME	DS1	14:20:41	T	0.8	31.7	0.48	28.31	20.44	70.85	4.92	7.67	7.60	9
2014/08/13	ME	DS1	14:21:09	B	4.0	227.1	0.48	28.11	23.19	62.28	4.28	8.57	7.60	12
2014/08/13	ME	DS1	14:21:33	M	3.1	14.0	0.63	28.18	23.05	61.36	4.21	9.31	7.60	17
2014/08/13	ME	DS1	14:22:04	T	0.9	170.8	0.85	28.35	20.65	72.71	5.04	6.99	7.60	9
2014/08/13	ME	DS2	14:27:05	B	10.0	10.9	0.43	27.09	26.33	53.17	3.65	13.04	7.64	11
2014/08/13	ME	DS2	14:27:43	M	5.9	133.7	0.45	27.54	24.62	58.24	4.01	9.98	7.63	16
2014/08/13	ME	DS2	14:28:11	T	0.9	315.0	0.14	28.30	21.21	69.68	4.82	8.52	7.61	9
2014/08/13	ME	DS2	14:29:01	B	10.0	1.2	0.19	27.19	26.04	52.06	3.57	12.06	7.64	15
2014/08/13	ME	DS2	14:29:31	M	6.2	70.6	0.32	27.36	25.36	54.51	3.74	9.31	7.64	15
2014/08/13	ME	DS2	14:30:15	T	0.8	329.3	0.31	28.30	21.31	70.51	4.88	8.99	7.60	13
2014/08/13	ME	DS2	14:31:41	B	10.1	159.6	0.09	27.12	26.25	52.06	3.57	13.23	7.64	15
2014/08/13	ME	DS2	14:32:22	M	5.9	206.8	0.28	27.45	25.01	56.20	3.86	9.27	7.63	15
2014/08/13	ME	DS2	14:32:58	T	0.9	246.1	0.42	28.26	21.59	68.38	4.73	9.02	7.60	13
2014/08/13	ME	DS3	14:37:49	B	7.1	187.4	0.15	27.41	25.19	58.01	3.99	14.45	7.63	15
2014/08/13	ME	DS3	14:38:19	M	4.6	189.5	0.63	27.43	25.10	56.45	3.88	16.00	7.63	15
2014/08/13	ME	DS3	14:38:52	T	0.8	324.6	0.63	28.16	21.82	67.57	4.67	9.87	7.61	12
2014/08/13	ME	DS3	14:39:42	B	7.0	145.9	0.25	27.40	25.21	55.79	3.83	15.35	7.63	22
2014/08/13	ME	DS3	14:40:16	M	4.9	119.7	0.76	27.42	25.14	55.66	3.82	15.67	7.63	22
2014/08/13	ME	DS3	14:41:00	T	1.1	323.8	0.30	28.25	21.87	67.76	4.68	8.81	7.59	19
2014/08/13	ME	DS3	14:41:46	B	7.1	165.9	0.57	27.41	25.20	55.88	3.84	15.04	7.63	22
2014/08/13	ME	DS3	14:42:25	M	4.4	300.7	0.20	27.47	24.97	56.64	3.89	15.38	7.63	23
2014/08/13	ME	DS3	14:43:08	T	0.9	329.8	0.58	28.23	21.87	67.97	4.69	9.41	7.60	19
2014/08/13	ME	DS4	14:48:01	B	8.2	228.4	0.21	27.32	25.45	55.25	3.80	38.36	7.64	20
2014/08/13	ME	DS4	14:48:48	M	4.9	81.1	0.48	27.45	25.04	56.19	3.86	22.26	7.63	23
2014/08/13	ME	DS4	14:49:35	T	1.0	304.5	0.14	27.97	22.77	65.54	4.52	16.68	7.61	19
2014/08/13	ME	DS4	14:50:18	B	8.0	141.2	0.49	27.29	25.55	54.43	3.74	29.63	7.64	34
2014/08/13	ME	DS4	14:51:02	M	4.9	139.1	0.66	27.43	25.07	55.71	3.83	22.07	7.62	16
2014/08/13	ME	DS4	14:51:34	T	1.0	176.4	0.24	27.96	22.75	64.35	4.44	15.93	7.61	16
2014/08/13	ME	DS4	14:52:14	B	8.2	140.2	0.27	27.25	25.69	54.25	3.73	35.76	7.63	32
2014/08/13	ME	DS4	14:52:44	M	5.2	97.7	0.59	27.37	25.25	54.94	3.78	21.25	7.62	17
2014/08/13	ME	DS4	14:53:31	T	1.1	169.9	0.73	27.89	23.14	63.84	4.40	17.03	7.60	17
2014/08/13	ME	DS5	15:03:33	B	10.0	65.2	0.85	25.33	25.23	55.84	3.84	36.68	7.62	33
2014/08/13	ME	DS5	15:04:20	M	6.2	98.6	0.97	27.40	25.23	55.31	3.90	36.51	7.62	16
2014/08/13	ME	DS5	15:05:07	T	0.9	175.5	1.04	27.84	23.51	62.23	4.29	17.06	7.60	15
2014/08/13	ME	DS5	15:05:52	B	10.1	50.2	0.82	27.34	24.43	54.41	3.74	45.19	7.62	20
2014/08/13	ME	DS5	15:06:35	M	5.9	136.8	0.46	27.49	24.97	55.69	3.83	25.95	7.62	21
2014/08/13	ME	DS5	15:07:23	T	0.8	125.6	1.16	27.81	23.70	61.29	4.22	16.93	7.60	19
2014/08/13	ME	DS5	15:08:08	B	10.0	325.5	0.38	27.35	25.39	54.47	3.74	29.60	7.62	20
2014/08/13	ME	DS5	15:08:56	M	6.1	75.7	0.46	27.41	25.21	54.74	3.76	24.67	7.62	22
2014/08/13	ME	DS5	15:09:29	T	1.2	105.3	0.63	27.76	23.82	60.29	4.15	15.73	7.61	20
2014/08/13	ME	US1	14:09:50	B	3.0	100.3	0.74	28.16	23.24	63.67	4.37	25.21	7.62	10
2014/08/13	ME	US1	14:10:19	T	1.1	78.5	1.15	28.34	21.41	73.22	5.06	9.30	7.63	11
2014/08/13	ME	US1	14:10:59	B	2.9	36.6	0.98	28.38	21.73	71.39	4.92	15.70	7.63	10
2014/08/13	ME	US1	14:11:25	T	1.1	102.2	0.26	28.38	21.15	75.28	5.20	6.36	7.63	9
2014/08/13	ME	US1	14:11:59	B	2.9	194.3	0.05	28.20	23.18	63.07	4.33	19.91	7.61	11
2014/08/13	ME	US1	14:12:27	T	0.9	27.4	1.64	28.37	21.22	73.54	5.08	6.86	7.63	9
2014/08/13	ME	US2	14:00:45	B	4.0	209.7	0.18	28.53	22.47	68.04	4.66	10.55	7.60	10
2014/08/13	ME	US2	14:01:12	M	2.9	177.4	0.43	28.61	22.19	70.46	4.83	9.48	7.60	12
2014/08/13	ME	US2	14:01:38	T	1.1	280.1	0.68	28.42	21.13	75.34	5.21	5.85	7.62	6
2014/08/13	ME	US2	14:02:22	B	4.2	174.2	0.55	28.03	23.83	60.62	4.15	12.12	7.60	15
2014/08/13	ME	US2	14:02:47	M	2.9	36.4	0.44	28.57	22.01	69.87	4.79	8.63	7.61	19
2014/08/13	ME	US2	14:03:25	T	1.1	55.2	0.84	28.41	20.96	74.83	5.18	5.34	7.62	16
2014/08/13	ME	US2	14:03:59	B	4.2	4.8	0.43	28.12	23.65	61.38	4.20	11.73	7.60	20
2014/08/13	ME	US2	14:04:25	M	3.0	251.9	1.15	28.49	21.52	71.30	4.91	7.31	7.62	14
2014/08/13	ME	US2	14:05:11	T	1.0	345.1	1.56	28.33	20.73	77.58	5.38	5.29	7.63	18
2014/08/13	ME	MW1	15:48:25	B	18.1	328.0	0.62	27.58	24.31	61.08	4.21	12.77	7.59	13
2014/08/13	ME	MW1	15:49:29	M	10.0	104.4	0.60	27.65	24.08	61.00	4.20	12.85	7.59	13
2014/08/13	ME	MW1	15:50:21	T	0.8	76.6	1.39	27.92	22.74	68.72	4.75	8.40	7.59	10
2014/08/13	ME	MW1	15:51:57	B	18.3	321.1	0.47	27.58	24.36	59.48	4.09	14.79	7.60	10
2014/08/13	ME	MW1	15:52:43	M	10.2	51.9	1.02	27.68	23.98	60.88	4.19	14.40	7.59	7
2014/08/13	ME	MW1	15:53:30	T	1.0	53.1	1.08	27.95	22.62	68.80	4.75	7.33	7.59	10
2014/08/13	ME	MW1	15:54:42	B	18.0	39.5	0.64	27.61	24.23	60.05	4.13	15.30	7.60	6
2014/08/13	ME	MW1	15:55:26	M	10.5	80.0	0.85	27.73	23.73	62.71	4.32	12.24	7.59	10
2014/08/13	ME	MW1	15:56:18	T	1.1	321.1	0.74	27.95	22.71	67.98	4.69	7.45	7.59	7
2014/08/13	ME	THB1	13:15:54	B	3.1	46.4	0.61	28.59	21.53	68.58	4.72	7.78	7.45	17
2014/08/13	ME	THB1	13:16:29	T	0.9	170.9	0.47	28.54	20.75	68.84	4.76	5.62	7.50	16
2014/08/13	ME	THB1	13:16:59	B	2.9	94.5	0.41	28.58	21.37	65.62	4.52	7.67	7.52	10
2014/08/13	ME	THB1	13:17:25	T	1.1	328.5	0.32	28.55	20.87	67.76	4.68	5.95	7.54	17
2014/08/13	ME	THB1	13:18:01	B	2.9	236.1	0.19	28.61	21.54	67.12	4.61	7.74	7.56	17
2014/08/13	ME	THB1	13:18:42	T	0.9	103.9	0.90	28.55	20.93	68.22	4.71	5.74	7.56	10
2014/08/13	ME	WSR45C	15:15:23	B	12.1	146.1	0.58	27.55	24.82	57.16	3.93	37.57	7.61	20
2014/08/13	ME	WSR45C	15:16:07	M	6.9	106.7	0.52	27.54	24.88	56.29	3.87	26.38	7.61	21
2014/08/13	ME	WSR45C	15:16:38	T	1.2	130.1	0.12	28.11	22.17	67.07	4.63	11.60	7.60	20
2014/08/13	ME	WSR45C	15:17:25	B	12.3	70.5	0.41	27.50	24.98	55.68	3.82	35.45	7.62	13
2014/08/13	ME	WSR45C	15:18:07	M	7.0	55.7	0.34	27.54	24.82	56.14	3.86	24.10	7.61	12
2014/08/13	ME	WSR45C	15:18:38	T	1.3	48.4	0.10	28.11	22.15	67.04	4.63	11.59	7.61	11
2014/08/13	ME	WSR45C	15:19:22	B	12.1	169.1	0.39	27.48	25.03	55.74	3.83	34.00	7.62	13
2014/08/13	ME	WSR45C	15:20:04	M	6.8	82.9	0.49	27.54	24.83	56.00	3.85	24.20	7.61	12
2014/08/13	ME	WSR45C	15:20:45	T	1.1	145.3	0.47	28.10	22.17	68.08	4.70	11.37	7.59	11
2014/08/13	ME	WSR46	13:37:09	B	9.0	151.5	0.84	27.26	25.67	56.14	3.86	13.76	7.61	17
2014/08/13	ME	WSR46	13:37:53	M	5.5</									

大小磨刀以南污泥坑二挖掘操作時的水質觀察

監測日期	潮汐	監測站	時間	深度	深度(米)	水流方向	水流速度(米/秒)	水溫(攝氏度)	鹽度	溶解氧(%)	溶解氧(毫克/升)	混濁度(濁度單位)	酸鹼度	懸浮固體(毫克/升)
2014/08/15	漲潮	DS1	10:14:29	底層	3	274.8	0.35	28.56	19.8	69.27	4.81	12.52	7.67	23.8
2014/08/15	漲潮	DS1	10:15:15	面層	1	305.9	0.3	28.65	19.73	69.84	4.84	11.98	7.66	14.9
2014/08/15	漲潮	DS1	10:15:54	底層	3	214.7	0.6	28.45	19.95	67.93	4.72	25.28	7.64	23.4
2014/08/15	漲潮	DS1	10:16:20	面層	1.1	286.5	0.72	28.77	19.53	69.85	4.84	6.37	7.64	15.3
2014/08/15	漲潮	DS1	10:17:08	底層	3.1	249.2	0.48	28.43	20.03	67.39	4.68	27	7.62	23.2
2014/08/15	漲潮	DS1	10:17:42	面層	1.1	293.4	0.4	28.83	19.58	69.98	4.84	8.19	7.62	14.2
2014/08/15	漲潮	DS2	10:26:19	底層	2.9	269.7	0.44	28.49	19.99	70.34	4.89	17.42	7.61	23.1
2014/08/15	漲潮	DS2	10:27:02	面層	1.1	355.4	0.35	28.72	19.75	70.71	4.9	10.04	7.6	14.2
2014/08/15	漲潮	DS2	10:27:31	底層	2.9	266.2	0.87	28.48	19.98	68.54	4.76	19.59	7.6	24
2014/08/15	漲潮	DS2	10:28:06	面層	1	245.8	0.54	28.66	19.78	69.86	4.84	10.04	7.6	14.4
2014/08/15	漲潮	DS2	10:29:16	底層	3	306.1	0.07	28.53	19.93	68.77	4.78	14.22	7.59	22.3
2014/08/15	漲潮	DS2	10:29:54	面層	1.1	321.6	0.4	28.61	19.81	69.27	4.81	12.06	7.59	14.8
2014/08/15	漲潮	DS3	10:36:06	底層	2.9	136.8	0.13	28.32	20.72	68.54	4.76	10.91	7.6	13.2
2014/08/15	漲潮	DS3	10:37:12	面層	1	272.2	0.6	28.85	19.66	71.15	4.92	8.21	7.58	12.9
2014/08/15	漲潮	DS3	10:38:08	底層	2.9	238.5	0.36	28.33	20.61	67.2	4.66	11.45	7.58	12.6
2014/08/15	漲潮	DS3	10:38:32	面層	1.1	72.7	0.71	28.76	19.74	69.85	4.84	8.4	7.58	12.8
2014/08/15	漲潮	DS3	10:39:01	底層	3	118.1	0.41	28.46	20.33	68.14	4.73	10.69	7.58	13.6
2014/08/15	漲潮	DS3	10:39:26	面層	1.2	272.6	0.29	28.67	19.83	69.23	4.8	9.36	7.58	12.9
2014/08/15	漲潮	DS4	10:44:26	底層	5.1	103.5	0.42	28.11	21.94	65.8	4.55	13.51	7.58	14.7
2014/08/15	漲潮	DS4	10:45:11	中層	3.6	250.7	0.45	28.15	21.88	63.66	4.4	12.7	7.57	13
2014/08/15	漲潮	DS4	10:46:03	面層	1	183.5	0.74	28.78	19.81	70.08	4.85	8.42	7.58	8.5
2014/08/15	漲潮	DS4	10:46:53	底層	5.1	173.4	0.48	28.09	21.96	63.5	4.4	12.54	7.58	14.9
2014/08/15	漲潮	DS4	10:47:36	中層	3.7	109.3	0.12	28.19	21.8	63.23	4.37	11.07	7.57	13
2014/08/15	漲潮	DS4	10:48:19	面層	1.2	277.5	0.18	28.48	20.18	67.58	4.69	9.21	7.58	8.5
2014/08/15	漲潮	DS4	10:49:05	底層	5	35.1	0.81	28.19	21.82	63.38	4.38	11.31	7.57	15.1
2014/08/15	漲潮	DS4	10:49:31	中層	3.5	207.9	0.44	28.31	21.11	64.17	4.44	10.11	7.57	13.5
2014/08/15	漲潮	DS4	10:50:15	面層	0.9	218.9	0.55	28.58	20.11	68.23	4.73	8.78	7.58	8.4
2014/08/15	漲潮	DS5	10:54:24	底層	5.9	129.7	0.15	27.99	22.16	62.68	4.34	17.53	7.57	15.1
2014/08/15	漲潮	DS5	10:55:02	中層	4.1	222.6	0.8	27.99	21.42	66.03	4.57	7.95	7.58	12.9
2014/08/15	漲潮	DS5	10:55:40	面層	0.9	211.4	0.54	28.77	20.16	70.25	4.85	8.44	7.58	10.5
2014/08/15	漲潮	DS5	10:56:26	底層	6	170.9	0.7	27.95	22.37	60.14	4.16	22.56	7.57	15.1
2014/08/15	漲潮	DS5	10:57:01	中層	4	48.3	1.32	28.24	21.6	65.18	4.51	10.15	7.58	12.8
2014/08/15	漲潮	DS5	10:57:33	面層	1	259.6	0.31	28.69	20.14	68.99	4.77	9.1	7.58	11.2
2014/08/15	漲潮	DS5	10:58:25	底層	6	43.7	0.53	27.97	22.28	61.52	4.26	20.38	7.57	13.8
2014/08/15	漲潮	DS5	10:59:09	中層	4.1	153.9	0.3	28.26	21.5	65.74	4.55	8.74	7.58	12.7
2014/08/15	漲潮	DS5	10:59:57	面層	1	184.9	0.45	28.57	20.16	67.86	4.7	10.53	7.58	10.2
2014/08/15	漲潮	US1	11:15:16	底層	4	249.9	0.48	28.01	22.04	62.24	4.31	22.12	7.59	17
2014/08/15	漲潮	US1	11:15:46	中層	3	214.4	1.16	28.13	21.64	63.14	4.37	13.81	7.59	20.1
2014/08/15	漲潮	US1	11:16:11	面層	1	63.7	0.1	28.35	21.01	65.62	4.54	9.97	7.58	11.6
2014/08/15	漲潮	US1	11:16:49	底層	4	173.7	0.83	27.9	22.26	61.14	4.24	17.58	7.59	16.7
2014/08/15	漲潮	US1	11:17:14	中層	2.9	268.4	0.24	27.96	22.05	61.35	4.25	13.8	7.59	19.9
2014/08/15	漲潮	US1	11:17:44	面層	1	145.5	0.32	28.24	21.3	63.91	4.43	10.23	7.59	11.7
2014/08/15	漲潮	US1	11:18:15	底層	3.9	40.8	0.63	27.96	22.11	61.28	4.24	16.29	7.58	15.6
2014/08/15	漲潮	US1	11:18:37	中層	3	178.1	0.55	27.92	22.21	60.54	4.19	16.86	7.59	20.2
2014/08/15	漲潮	US1	11:19:07	面層	1.1	132.8	0.46	28.15	21.53	62.89	4.36	12.39	7.58	11.6
2014/08/15	漲潮	US2	11:23:14	底層	8.1	179.7	0.97	27.53	23.63	60.67	4.2	17.8	7.6	21.7
2014/08/15	漲潮	US2	11:23:41	中層	5.2	343.2	0.14	27.59	23.39	58.92	4.08	20.04	7.61	16.9
2014/08/15	漲潮	US2	11:24:06	面層	0.9	266.2	0.7	28.51	21.19	67.57	4.66	6.47	7.59	14.8
2014/08/15	漲潮	US2	11:24:43	底層	8	235.6	0.22	27.48	23.82	58.13	4.02	17.37	7.61	21.8
2014/08/15	漲潮	US2	11:25:09	中層	5.2	134.2	0.26	27.52	23.64	57.76	4	18.51	7.61	16.8
2014/08/15	漲潮	US2	11:25:39	面層	1	140.1	0.37	28.92	20.51	70.01	4.81	4.31	7.59	15.3
2014/08/15	漲潮	US2	11:26:47	底層	8.1	286.5	0.39	27.46	23.88	57.34	3.97	13.08	7.61	21.5
2014/08/15	漲潮	US2	11:27:14	中層	4.9	43.2	0.57	27.68	23.04	58.47	4.05	17.57	7.6	17.6
2014/08/15	漲潮	US2	11:27:42	面層	0.9	353.5	0.47	28.42	21.29	66.72	4.61	7.05	7.59	15.2
2014/08/15	漲潮	MW1	08:30:54	底層	17.6	292.9	0.29	26.9	25.66	54.22	3.75	8.01	7.62	8.8
2014/08/15	漲潮	MW1	08:31:29	中層	10.2	247.8	0.52	27.22	24.5	55.66	3.85	7.81	7.64	12.3
2014/08/15	漲潮	MW1	08:32:10	面層	1	236.2	0.69	28.42	20.47	68.23	4.73	5.34	7.59	5.6
2014/08/15	漲潮	MW1	08:33:08	底層	19	44.9	0.32	26.83	25.94	53.76	3.71	9.91	7.67	8.3
2014/08/15	漲潮	MW1	08:33:44	中層	10.2	106	0.64	27.37	23.37	58.43	4.06	7.78	7.66	13.2
2014/08/15	漲潮	MW1	08:34:21	面層	0.9	276.8	0.48	28.25	20.95	65.02	4.51	6.16	7.61	5.8
2014/08/15	漲潮	MW1	08:35:59	底層	17.7	64.7	0.22	26.83	25.94	52.55	3.63	15.35	7.68	8.6
2014/08/15	漲潮	MW1	08:36:36	中層	10.1	120.4	0.36	27.74	22.72	59.6	4.13	7.06	7.65	12.7
2014/08/15	漲潮	MW1	08:37:24	面層	1	72.4	0.24	28.37	20.56	66.96	4.65	5.14	7.6	5.9
2014/08/15	漲潮	THB1	09:40:37	底層	1.9	208.9	0.34	28.54	19.69	70.2	4.88	22.32	7.61	17.7
2014/08/15	漲潮	THB1	09:41:24	面層	0.8	107.4	0.29	28.58	19.67	70	4.86	17.69	7.6	16.2
2014/08/15	漲潮	THB1	09:42:21	底層	2	183	0.1	28.56	19.66	69.64	4.84	15.07	7.6	18.2
2014/08/15	漲潮	THB1	09:43:04	面層	1.1	219.9	0.18	28.6	19.6	69.84	4.85	10.74	7.6	15.5
2014/08/15	漲潮	THB1	09:44:02	底層	2.2	220	0.82	28.56	19.66	69.38	4.82	14.4	7.6	18
2014/08/15	漲潮	THB1	09:44:47	面層	1.1	253	0.62	28.55	19.66	69.3	4.82	15.31	7.59	17.2
2014/08/15	漲潮	THB2	09:55:34	中層	1.3	40	0.04	28.15	21.69	50.35	3.48	9.69	7.55	4.8
2014/08/15	漲潮	THB2	09:55:55	中層	1.3	40	0.03	28.16	21.7	50.54	3.5	10.99	7.56	4.7
2014/08/15	漲潮	THB2	09:56:20	中層	1.3	40	0.04	28.17	21.64	50.73	3.51	10.99	7.56	4.9
2014/08/15	漲潮	WSR45C	09:10:46	底層	11.5	275.8	0.3	27.47	23.84	56.79	3.93	14.23	7.65	10.4
2014/08/15	漲潮	WSR45C	09:11:39	中層	6.9	318.8	0.57	28.25	20.45	65.6	4.56	8.46	7.6	9.8
2014/08/15	漲潮	WSR45C	09:12:41	面層	0.9	233.7	0.22	28.54	19.2	69.09	4.82	8.05	7.59	18
2014/08/15	漲潮	WSR45C	09:13:27	底層	12	241.3	1.1	27.56	23.41	59.13	4.09	13.01	7.63	10.4
2014/08/15	漲潮	WSR45C	09:14:06	中層	6.8	272.1	0.85	28.34	20.04	66.38	4.62	9.09	7.6	10.2
2014/08/15	漲潮	WSR45C	09:14:40	面層	1.1	289.1	0.6	28.59	19.21	69.19	4.82	6.64	7.59	17.6
2014/08/15	漲潮	WSR45C	09:15:23	底層	11.9	252	0.54	27.57	23.2	60.17	4.17	12.23	7.62	11
2014/08/15	漲潮	WSR45C	09:15:55	中層	7.3	261	0.85	28.31	20.15	66.02	4.6	9.87	7.61	10.3
2014/08/15	漲潮	WSR45C	09:16:31	面層	1	286.6	0.61	28.53	19.39	68.95	4.8	7.66	7.59	17.6
2014/08/15	漲潮	WSR46	11:39:34	底層	8.7	254	0.4	27.3	24.52	58.08	4.01	29.1	7.63	20.5
2014/08/15	漲潮	WSR46	11:40:06	中層	5.7	299.9	0.35	27.94	22.31	62.4	4.32	6.51	7.62	12.2
2014/08/15	漲潮	WSR46	11:40:35	面層	1	346.4	0.36	28.52	20.21	66.95	4.64	10.35	7.62	13.9
2014/0														

監測日期	潮汐	監測站	時間	深度	深度(米)	水流方向	水流速度(米/秒)	水溫(攝氏度)	鹽度	溶解氧(%)	溶解氧(毫克/升)	混濁度(濁度單位)	酸鹼度	懸浮固體(毫克/升)
2014/08/15	退潮	DS1	15:34:35	底層	3	263	0.92	28.08	22.04	65.94	4.56	9.23	7.61	11.1
2014/08/15	退潮	DS1	15:35:16	面層	1	346.3	0.46	28.74	20.82	69.8	4.81	8.6	7.59	9.8
2014/08/15	退潮	DS1	15:35:47	底層	3	334.7	0.12	28.11	21.84	63.59	4.4	10.22	7.59	11.6
2014/08/15	退潮	DS1	15:36:21	面層	1.1	87.7	0.12	29.13	20.37	71.28	4.89	8.5	7.59	9.3
2014/08/15	退潮	DS1	15:36:49	底層	3	302.2	0.21	28.26	21.67	64.87	4.48	8.89	7.58	11.2
2014/08/15	退潮	DS1	15:37:14	面層	1	56	0.4	29.24	20.32	71.97	4.93	8.03	7.59	10
2014/08/15	退潮	DS2	15:42:09	底層	8.1	279.7	0.15	27.21	24.8	56.52	3.91	10.57	7.65	11.8
2014/08/15	退潮	DS2	15:42:47	中層	5.1	338.4	0.34	27.46	24.06	57.4	3.97	8.23	7.64	9.4
2014/08/15	退潮	DS2	15:43:28	面層	0.9	133.3	0.6	29.23	20.38	72.12	4.94	7.41	7.6	9.2
2014/08/15	退潮	DS2	15:44:06	底層	8.1	343.1	0.28	27.66	24.39	57.03	3.94	10.54	7.63	11.5
2014/08/15	退潮	DS2	15:44:32	中層	5.1	109.7	0.28	27.76	23.41	59.27	4.09	7.75	7.63	9.7
2014/08/15	退潮	DS2	15:45:11	面層	1.1	63.4	0.51	29.32	20.2	72.7	4.97	7.41	7.59	9.1
2014/08/15	退潮	DS2	15:47:11	底層	8.1	74	0.16	27.22	24.74	56.72	3.92	11.06	7.63	11.8
2014/08/15	退潮	DS2	15:47:47	中層	5	142.9	0.4	27.82	23.2	60.26	4.16	7.2	7.62	9.5
2014/08/15	退潮	DS2	15:48:19	面層	1	305	0.18	28.8	20.97	68.66	4.72	6.76	7.59	9.5
2014/08/15	退潮	DS3	15:52:58	底層	7.1	12.5	0.62	27.43	24.05	59.06	4.08	15.5	7.63	11.2
2014/08/15	退潮	DS3	15:53:41	中層	4.3	93.8	0.37	27.55	23.64	58.1	4.02	14.46	7.62	17.8
2014/08/15	退潮	DS3	15:54:17	面層	1	193.5	1.45	29.38	20.41	73.06	4.99	6.75	7.6	19.6
2014/08/15	退潮	DS3	15:54:59	底層	7	99	0.32	27.41	24.09	57.29	3.96	16.59	7.63	11.2
2014/08/15	退潮	DS3	15:55:32	中層	4.4	63.2	0.21	27.45	23.94	56.77	3.93	14.5	7.63	17.6
2014/08/15	退潮	DS3	15:56:07	面層	1	106.6	0.78	29.42	20.33	72.95	4.98	6.7	7.6	18.1
2014/08/15	退潮	DS3	15:56:47	底層	7	72.1	0.25	27.39	24.17	56.79	3.93	16.57	7.63	11.6
2014/08/15	退潮	DS3	15:57:21	中層	4.5	118.4	0.14	28.05	22.48	61.38	4.24	10.81	7.61	17.9
2014/08/15	退潮	DS3	15:58:01	面層	1.1	191.9	0.2	28.44	20.95	73.84	5.04	6.73	7.59	19.7
2014/08/15	退潮	DS4	16:06:39	底層	9.1	92	0.74	27.34	24.31	57.64	3.99	19.74	7.64	19.2
2014/08/15	退潮	DS4	16:07:23	中層	5.6	161.2	0.57	27.46	23.9	57.27	3.96	14.11	7.63	13.9
2014/08/15	退潮	DS4	16:07:59	面層	0.9	110.5	0.75	28.97	20.6	70.18	4.82	8.11	7.59	7.1
2014/08/15	退潮	DS4	16:08:44	底層	9.2	82.2	0.43	27.33	24.33	56.19	3.88	21.29	7.64	18.9
2014/08/15	退潮	DS4	16:09:29	中層	5.7	88.2	0.85	27.44	24	56.67	3.92	14.07	7.63	14.6
2014/08/15	退潮	DS4	16:09:59	面層	1	157.2	0.56	28.99	20.66	69.73	4.78	8.11	7.59	7
2014/08/15	退潮	DS4	16:10:50	底層	9.2	174.1	0.48	27.33	24.31	55.84	3.86	19.74	7.63	19.2
2014/08/15	退潮	DS4	16:11:22	中層	5.5	280	0.6	27.48	23.8	56.62	3.92	12.81	7.62	14.1
2014/08/15	退潮	DS4	16:11:56	面層	1.3	135.9	1.02	29.03	20.7	69.72	4.78	7.91	7.59	7.3
2014/08/15	退潮	DS5	16:18:45	底層	11.2	41.4	0.72	27.36	24.25	57.77	3.99	17.78	7.65	7.8
2014/08/15	退潮	DS5	16:19:14	中層	6.5	148.1	0.65	27.56	23.51	57.95	4.01	10.64	7.64	12.1
2014/08/15	退潮	DS5	16:19:43	面層	1	32.6	0.35	28.78	20.3	70.1	4.84	7.66	7.61	8.9
2014/08/15	退潮	DS5	16:20:44	底層	11.1	117.1	0.33	27.32	24.36	56.49	3.91	18.86	7.64	8.1
2014/08/15	退潮	DS5	16:21:25	中層	6.3	46	0.33	27.67	23.14	58.21	4.03	10.2	7.62	12.6
2014/08/15	退潮	DS5	16:21:57	面層	1.2	129	1.47	28.82	20.23	69.75	4.81	7.5	7.6	8.4
2014/08/15	退潮	DS5	16:23:04	底層	11.4	31.6	1	27.29	24.45	55.18	3.82	21.11	7.64	7.8
2014/08/15	退潮	DS5	16:23:33	中層	6.7	109.8	0.42	27.52	23.65	57.06	3.95	10.92	7.63	11.7
2014/08/15	退潮	DS5	16:24:12	面層	0.8	127.7	1.21	28.88	20.11	70.34	4.85	7.59	7.59	9.2
2014/08/15	退潮	US1	15:25:35	底層	3.1	346.4	0.68	28.23	21.61	65.94	4.56	20.01	7.59	19.8
2014/08/15	退潮	US1	15:26:23	面層	0.9	289.8	0.95	28.71	21.11	70.13	4.82	17.72	7.59	24.6
2014/08/15	退潮	US1	15:26:50	底層	3.1	266.6	1.33	28.24	21.6	64.82	4.48	22.65	7.57	20.2
2014/08/15	退潮	US1	15:27:15	面層	1.1	300.5	0.46	28.5	21.31	66.91	4.61	17.1	7.58	23.9
2014/08/15	退潮	US1	15:27:42	底層	3	273.7	0.28	28.32	21.51	65.41	4.52	24.47	7.58	20.4
2014/08/15	退潮	US1	15:28:06	面層	1.1	214.5	0.22	29.02	20.82	72.14	4.94	12.52	7.59	25
2014/08/15	退潮	US2	15:16:49	底層	2.9	16	0.36	28.39	21.4	71.17	4.91	11.73	7.59	9.6
2014/08/15	退潮	US2	15:17:13	面層	1.2	153.3	0.48	29.14	20.47	77.11	5.28	7.04	7.6	7.2
2014/08/15	退潮	US2	15:17:39	底層	3	141.2	0.86	28.43	21.36	69.55	4.8	10.31	7.59	10
2014/08/15	退潮	US2	15:18:06	面層	1.2	223.1	1.27	29.55	20.07	77.99	5.32	7	7.59	7.2
2014/08/15	退潮	US2	15:18:47	底層	3	223.3	0.07	28.4	21.38	68.14	4.7	8.97	7.58	9.6
2014/08/15	退潮	US2	15:19:12	面層	1	76.6	1.5	29.73	19.95	78.44	5.34	6.93	7.6	7.1
2014/08/15	退潮	US2	15:19:37	底層	18.1	191.1	0.21	28.46	22.53	69.13	4.74	8.9	7.66	9
2014/08/15	退潮	MW1	17:01:55	中層	10	218.8	0.44	28.62	22.06	68.19	4.74	7.04	7.65	11.5
2014/08/15	退潮	MW1	17:02:35	面層	1.2	101.5	1.86	29.21	19.77	75.92	5.22	5.9	7.63	17.2
2014/08/15	退潮	MW1	17:03:31	底層	18.1	213.7	0.08	28.44	22.58	67.64	4.63	8.06	7.65	8.7
2014/08/15	退潮	MW1	17:04:06	中層	9.8	68.4	0.63	28.65	22.02	68.79	4.71	7.5	7.64	11.7
2014/08/15	退潮	MW1	17:04:43	面層	0.9	102.1	1.04	29.08	20	72.09	4.96	6.09	7.63	17.2
2014/08/15	退潮	MW1	17:05:40	底層	17.9	222.4	0.2	28.6	22.17	68.47	4.69	7.49	7.64	8.9
2014/08/15	退潮	MW1	17:06:19	中層	9.8	40.3	0.7	28.69	21.84	69	4.73	7.74	7.64	11.2
2014/08/15	退潮	MW1	17:07:02	面層	0.8	63	0.55	29.35	18.91	76.31	5.26	5.68	7.62	17.3
2014/08/15	退潮	THB1	15:08:59	底層	3.1	80.2	0.55	28.51	21.28	68.04	4.69	13.71	7.54	11.9
2014/08/15	退潮	THB1	15:09:26	面層	1	110.7	0.53	28.63	20.63	71.15	4.9	6.62	7.56	6.6
2014/08/15	退潮	THB1	15:09:58	底層	3	25.5	0.02	28.44	21.35	69.09	4.77	6.42	7.57	11.6
2014/08/15	退潮	THB1	15:10:26	面層	1.1	116.9	0.48	28.74	20.6	70.45	4.86	6.43	7.57	6.2
2014/08/15	退潮	THB1	15:10:59	底層	3.4	124	0.61	28.3	21.68	66.13	4.56	8.2	7.57	12.4
2014/08/15	退潮	THB1	15:11:33	面層	1	12.4	0.41	28.89	20.4	71.01	4.89	6.62	7.58	6.9
2014/08/15	退潮	THB2	15:15:47	中層	1.4	40	0.02	29.22	20.32	67.7	4.64	19.29	7.53	6.8
2014/08/15	退潮	THB2	15:16:14	底層	1.4	40	0.02	29.26	20.36	67.91	4.65	19.09	7.55	7
2014/08/15	退潮	THB2	15:16:37	中層	1.4	40	0.02	29.29	20.39	67.31	4.6	18.79	7.56	6.7
2014/08/15	退潮	WSR45C	16:28:49	底層	12.1	73.5	1.15	27.96	22.38	62.83	4.34	12.93	7.61	17
2014/08/15	退潮	WSR45C	16:29:20	面層	6.8	100.3	0.44	28.11	21.94	63.33	4.38	9.42	7.61	10
2014/08/15	退潮	WSR45C	16:29:48	中層	1	121	0.67	28.8	20.32	70.53	4.86	7.49	7.6	8.5
2014/08/15	退潮	WSR45C	16:30:31	底層	12.3	65.2	0.83	27.98	22.31	62.53	4.32	10.65	7.6	17.6
2014/08/15	退潮	WSR45C	16:31:13	中層	7.2	166.4	0.33	28.08	22.01	62.86	4.35	9.46	7.6	9.6
2014/08/15	退潮	WSR45C	16:31:42	面層	1	104.9	1.07	28.76	20.32	70.45	4.86	7.88	7.6	8.4
2014/08/15	退潮	WSR45C	16:32:25	底層	12.2	39.4	0.6	27.98	22.31	62.16	4.3	10.97	7.6	17.6
2014/08/15	退潮	WSR45C	16:32:55	中層	7.1	105.9	0.86	28.04	22.11	62.36	4.31	10.03	7.6	10.5
2014/08/15	退潮	WSR45C	16:33:23	面層	1.1	282.6	1.05	28.87	20.25	70.54	4.86	7.53	7.6	8.7
2014/08/15	退潮	WSR46	14:39:49	底層	9.2	109.9	0.33	27.53	23.53	58.65	4.06	8.94	7.51	12.4
2014/08/15	退潮	WSR46	14:40:16	中層	5.5	77.1	0.72	28.08	21.66	62.16	4.31	8.48	7.53	10.4
2014/08/15	退潮	WSR46	14:40:47	面層	1	62.8	0.97	29.27	19.23	75.51	5.2	6.43	7.	

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/18	MF	DS1	12:53:56	B	2.9	272.6	0.50	29.41	17.37	92.15	6.39	5.53	7.77	8
2014/08/18	MF	DS1	12:54:18	T	1.1	290.1	0.35	29.82	16.93	98.38	6.80	5.82	7.76	9
2014/08/18	MF	DS1	12:54:41	B	3.1	259.7	0.31	29.40	17.52	90.64	6.29	5.87	7.75	8
2014/08/18	MF	DS1	12:55:04	T	0.9	126.9	0.56	29.93	16.84	98.49	6.79	5.90	7.76	9
2014/08/18	MF	DS1	12:55:27	B	3.0	314.8	0.19	29.40	17.58	90.68	6.29	5.74	7.75	8
2014/08/18	MF	DS1	12:55:49	T	1.0	185.3	0.08	29.74	16.92	97.36	6.74	5.56	7.74	9
2014/08/18	MF	DS2	13:00:19	B	1.9	321.6	0.35	29.94	17.41	102.24	7.03	6.59	7.80	7
2014/08/18	MF	DS2	13:00:42	T	0.9	271.8	0.33	29.96	17.14	101.03	6.95	5.47	7.79	8
2014/08/18	MF	DS2	13:01:50	B	2.0	13.8	0.72	29.98	16.95	100.21	6.90	10.02	7.78	7
2014/08/18	MF	DS2	13:02:17	T	0.8	236.2	0.12	30.16	16.39	101.93	7.02	3.48	7.79	7
2014/08/18	MF	DS2	13:02:43	B	1.9	95.7	0.20	29.97	16.82	101.10	6.97	4.52	7.79	7
2014/08/18	MF	DS2	13:03:04	T	0.8	88.7	0.49	30.00	16.62	101.24	6.98	4.11	7.79	8
2014/08/18	MF	DS3	13:14:14	B	3.0	93.8	0.30	30.49	17.58	111.90	7.62	5.47	7.85	9
2014/08/18	MF	DS3	13:14:39	T	0.9	359.2	0.85	30.50	17.50	113.17	7.71	5.66	7.85	9
2014/08/18	MF	DS3	13:15:03	B	3.1	115.9	0.30	30.46	17.74	112.68	7.67	7.52	7.84	9
2014/08/18	MF	DS3	13:15:26	T	1.0	135.8	0.54	30.47	17.50	111.86	7.62	5.24	7.84	9
2014/08/18	MF	DS3	13:15:48	B	3.1	115.4	0.53	30.45	17.82	112.78	7.67	6.75	7.84	9
2014/08/18	MF	DS3	13:16:10	T	1.0	73.9	0.38	30.48	17.46	111.98	7.63	5.42	7.84	9
2014/08/18	MF	DS4	13:21:34	B	5.2	325.5	0.61	28.62	21.38	71.37	4.91	13.51	7.65	16
2014/08/18	MF	DS4	13:21:58	M	3.5	336.0	0.47	29.86	18.82	95.29	6.51	16.14	7.71	16
2014/08/18	MF	DS4	13:22:20	T	0.6	181.0	0.95	30.42	17.87	114.10	7.76	5.19	7.89	9
2014/08/18	MF	DS4	13:22:47	B	5.0	260.2	0.49	28.86	21.58	74.74	5.11	12.26	7.64	16
2014/08/18	MF	DS4	13:23:11	M	3.4	293.8	0.47	29.89	18.30	94.50	6.47	14.58	7.71	16
2014/08/18	MF	DS4	13:23:34	T	0.9	211.9	1.16	30.42	17.95	114.81	7.81	4.38	7.89	9
2014/08/18	MF	DS4	13:24:08	B	5.2	250.4	0.36	28.45	22.86	66.38	4.54	15.92	7.62	17
2014/08/18	MF	DS4	13:24:32	M	3.5	98.0	0.87	29.64	19.17	84.58	5.79	17.80	7.67	16
2014/08/18	MF	DS4	13:24:53	T	1.0	207.5	1.86	30.40	17.93	114.73	7.81	5.91	7.88	9
2014/08/18	MF	DS5	13:28:52	B	5.0	124.3	0.86	28.54	22.55	68.44	4.68	8.30	7.66	12
2014/08/18	MF	DS5	13:29:19	M	3.4	13.8	0.57	29.88	18.82	97.27	6.64	9.00	7.78	11
2014/08/18	MF	DS5	13:29:46	T	0.9	328.2	0.80	30.74	17.84	117.26	7.94	3.57	7.89	5
2014/08/18	MF	DS5	13:30:12	B	5.0	29.7	0.23	28.80	22.02	75.40	5.15	8.85	7.66	13
2014/08/18	MF	DS5	13:30:38	M	3.3	22.2	0.40	29.82	19.17	98.20	6.70	8.58	7.74	11
2014/08/18	MF	DS5	13:31:07	T	0.7	56.7	0.36	30.36	18.21	112.63	7.66	5.54	7.83	5
2014/08/18	MF	DS5	13:31:41	B	4.9	176.3	0.30	28.96	21.53	77.30	5.28	9.21	7.65	13
2014/08/18	MF	DS5	13:32:04	M	3.6	259.2	0.27	29.89	18.77	98.32	6.72	8.42	7.79	11
2014/08/18	MF	DS5	13:32:30	T	1.0	149.9	0.21	30.47	17.89	117.11	7.96	3.99	7.86	5
2014/08/18	MF	US1	13:45:30	B	3.2	53.6	0.94	29.61	17.39	94.85	6.56	9.49	7.80	8
2014/08/18	MF	US1	13:45:57	M	1.1	247.3	0.65	30.30	16.56	107.28	7.37	2.66	7.82	5
2014/08/18	MF	US1	13:46:20	B	3.1	323.0	0.78	29.59	17.36	95.63	6.62	8.99	7.79	8
2014/08/18	MF	US1	13:46:45	T	0.8	286.0	0.18	30.32	16.57	107.63	7.39	2.62	7.82	5
2014/08/18	MF	US1	13:47:09	B	3.0	263.1	0.57	29.44	17.63	92.47	6.40	19.34	7.74	7
2014/08/18	MF	US1	13:47:31	T	0.9	238.1	0.46	30.14	16.61	104.74	7.21	3.38	7.79	5
2014/08/18	MF	US2	13:52:22	B	9.8	5.5	0.76	26.75	26.70	48.31	3.33	11.06	7.65	8
2014/08/18	MF	US2	13:52:50	M	5.9	61.2	0.41	28.11	21.90	64.67	4.47	9.14	7.65	13
2014/08/18	MF	US2	13:53:18	T	0.7	58.9	0.28	29.63	17.39	93.97	6.50	2.86	7.78	5
2014/08/18	MF	US2	13:56:02	B	10.1	298.8	0.31	26.73	26.65	48.53	3.35	12.41	7.62	8
2014/08/18	MF	US2	13:56:33	M	5.8	277.5	0.25	28.00	22.22	63.38	4.38	7.66	7.62	12
2014/08/18	MF	US2	13:56:58	T	0.8	200.5	0.54	29.52	17.36	93.67	6.49	2.94	7.76	5
2014/08/18	MF	US2	13:57:39	B	10.0	19.8	0.20	26.91	26.17	51.26	3.53	12.73	7.61	8
2014/08/18	MF	US2	13:58:02	M	6.1	233.8	0.13	28.07	21.93	60.88	4.21	7.73	7.61	13
2014/08/18	MF	US2	13:58:30	T	0.8	10.9	0.26	29.63	17.28	94.34	6.53	2.94	7.76	6
2014/08/18	MF	MW1	14:45:02	B	19.5	101.5	0.86	25.09	31.18	45.01	3.11	6.67	7.82	9
2014/08/18	MF	MW1	14:45:44	M	10.5	23.3	0.36	26.50	27.47	57.08	3.93	3.95	7.78	7
2014/08/18	MF	MW1	14:46:26	T	1.0	233.3	0.45	28.18	22.30	77.98	5.37	2.16	7.77	5
2014/08/18	MF	MW1	14:47:21	B	19.2	269.5	0.58	25.13	31.14	44.82	3.10	6.97	7.76	9
2014/08/18	MF	MW1	14:48:00	M	10.8	10.7	0.13	26.27	28.05	54.56	3.76	4.25	7.74	7
2014/08/18	MF	MW1	14:48:40	T	1.0	359.0	0.06	28.37	21.49	76.10	5.25	2.19	7.71	5
2014/08/18	MF	MW1	14:49:39	B	18.6	332.5	0.60	25.13	31.15	43.63	3.01	6.80	7.72	9
2014/08/18	MF	MW1	14:50:18	M	10.5	33.3	0.57	26.55	27.34	56.72	3.91	3.77	7.71	7
2014/08/18	MF	MW1	14:51:09	T	1.0	112.7	0.29	29.56	19.04	92.22	6.32	2.22	7.72	5
2014/08/18	MF	THB1	12:43:48	B	2.0	124.3	0.30	29.75	17.06	93.89	6.49	4.49	7.75	19
2014/08/18	MF	THB1	12:44:11	T	0.9	348.8	0.47	30.06	16.72	98.89	6.81	5.19	7.77	5
2014/08/18	MF	THB1	12:44:33	B	2.0	238.9	1.68	29.64	17.36	84.23	5.82	6.50	7.75	19
2014/08/18	MF	THB1	12:44:55	T	0.9	212.5	0.54	29.62	17.72	93.09	6.42	7.40	7.77	6
2014/08/18	MF	THB1	12:46:09	B	2.0	143.1	1.11	29.81	17.23	93.00	6.42	6.13	7.74	18
2014/08/18	MF	THB1	12:46:31	T	0.9	168.4	0.88	29.73	17.43	91.24	6.30	7.47	7.73	5
2014/08/18	MF	THB2	12:52:28	M	1.4	40.0	0.03	30.86	18.01	85.49	5.77	13.39	7.70	9
2014/08/18	MF	THB2	12:53:35	M	1.4	40.0	0.02	30.86	18.02	88.22	5.95	12.69	7.72	10
2014/08/18	MF	THB2	12:54:36	M	1.4	40.0	0.03	30.79	18.01	93.66	6.33	8.29	7.75	9
2014/08/18	MF	WSR45C	14:10:14	B	12.0	231.9	0.46	25.91	29.12	43.42	2.99	19.68	7.66	5
2014/08/18	MF	WSR45C	14:10:43	M	7.3	280.6	0.80	26.43	27.35	44.47	3.07	9.14	7.66	12
2014/08/18	MF	WSR45C	14:11:13	T	0.8	244.2	0.17	30.01	16.68	98.24	6.77	3.70	7.80	5
2014/08/18	MF	WSR45C	14:11:56	B	12.1	138.2	0.50	25.91	29.07	45.10	3.11	21.48	7.65	5
2014/08/18	MF	WSR45C	14:12:25	M	7.1	237.1	0.37	26.54	27.05	46.94	3.24	9.49	7.65	13
2014/08/18	MF	WSR45C	14:12:54	T	1.0	223.0	1.16	30.03	16.33	99.14	6.85	3.45	7.80	5
2014/08/18	MF	WSR45C	14:13:55	B	11.9	279.0	0.60	25.94	28.99	43.51	3.00	27.67	7.64	5
2014/08/18	MF	WSR45C	14:14:25	M	7.1	228.7	0.55	26.46	27.31	46.47	3.21	10.37	7.64	12
2014/08/18	MF	WSR45C	14:14:57	T	1.0	243.1	1.04	30.00	16.34	99.44	6.87	3.56	7.78	5
2014/08/18	MF	WSR46	12:17:19	B	8.7	332.4	1.18	27.20	24.46	56.52	3.91	9.43	7.50	11
2014/08/18	MF	WSR46	12:17:53	M	5.6	348.8	1.00	29.33	17.98	86.24	5.97	4.68	7.64	8
2014/08/18	MF	WSR46	12:18:24	T	1.1	309.8	0.85	29.92	14.71	95.82	6.69	3.35	7.70	5
2014/08/18	MF	WSR46	12:19:03	B	8.8	295.8	0.86	27.36	24.33	56.69	3.92	9.13	7.60	10
2014/08/18	MF	WSR46	12:19:32	M	5.4	321.8	0.69	29.37	17.96	87.48	6.05	4.56	7.66	8
2014/08/18	MF	WSR46	12:20:09	T	1.1	307.0	0.75	29.90	14.93	95.73	6.68	3.27	7.73	6
2014/08/18	MF	WSR46	12:20:49	B	8.7	242.6	0.16	27.83	23.10	59.43	4.10	6.44	7.60	11
2014/08/18	MF	WSR46	12:21:19	M	5.4	287.8	1.28	29.33	18.17	8				

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/18	ME	DS1	07:48:18	B	3.1	244.5	0.39	29.04	17.25	88.94	6.21	3.51	7.74	5
2014/08/18	ME	DS1	07:48:40	T	1.1	189.1	0.60	29.03	17.17	87.20	6.10	3.11	7.73	4
2014/08/18	ME	DS1	07:49:04	B	3.0	8.4	0.19	29.18	17.57	87.15	6.06	4.16	7.73	5
2014/08/18	ME	DS1	07:49:27	T	0.9	129.5	0.29	29.07	17.30	86.93	6.07	3.35	7.72	4
2014/08/18	ME	DS1	07:49:49	B	3.0	358.0	0.20	29.14	17.44	87.04	6.06	3.81	7.72	5
2014/08/18	ME	DS1	07:50:12	T	1.0	352.1	0.18	29.06	17.39	86.36	6.03	3.43	7.72	4
2014/08/18	ME	DS2	07:55:07	B	10.0	184.8	0.51	26.33	27.78	45.54	3.14	8.70	7.69	12
2014/08/18	ME	DS2	07:55:39	M	6.0	28.2	0.62	27.14	25.25	51.52	3.56	5.22	7.69	8
2014/08/18	ME	DS2	07:56:12	T	1.1	335.4	0.35	29.19	16.98	84.92	5.93	3.00	7.72	4
2014/08/18	ME	DS2	07:58:11	B	9.7	203.0	0.37	26.50	27.66	47.33	3.26	8.58	7.67	13
2014/08/18	ME	DS2	07:58:44	M	6.1	339.6	0.41	27.36	24.43	56.58	3.91	6.15	7.67	8
2014/08/18	ME	DS2	07:59:13	T	1.2	65.7	0.92	29.14	17.12	82.83	5.78	2.88	7.70	4
2014/08/18	ME	DS2	07:59:54	B	9.5	92.8	0.29	26.24	28.24	45.37	3.13	9.71	7.67	13
2014/08/18	ME	DS2	08:00:23	M	5.9	8.1	0.44	27.36	24.36	56.85	3.93	5.74	7.68	7
2014/08/18	ME	DS2	08:00:54	T	1.0	251.7	0.35	29.16	17.06	83.53	5.83	2.83	7.71	4
2014/08/18	ME	DS3	08:06:19	B	7.0	192.1	0.30	27.48	24.24	59.10	4.08	3.91	7.67	7
2014/08/18	ME	DS3	08:06:43	M	4.2	214.8	0.19	28.94	19.42	71.95	4.98	4.44	7.68	7
2014/08/18	ME	DS3	08:07:10	T	1.1	189.8	0.40	29.24	17.25	83.71	5.83	3.20	7.70	5
2014/08/18	ME	DS3	08:07:44	B	7.0	44.6	0.57	27.44	24.36	60.43	4.17	3.95	7.66	7
2014/08/18	ME	DS3	08:08:09	M	4.4	175.8	0.71	28.99	19.21	76.38	5.28	3.83	7.68	8
2014/08/18	ME	DS3	08:08:43	T	1.0	211.4	0.23	29.21	17.44	83.23	5.79	3.19	7.69	5
2014/08/18	ME	DS3	08:09:13	B	6.8	155.9	0.67	27.80	23.20	62.84	4.34	4.08	7.67	8
2014/08/18	ME	DS3	08:09:36	M	4.6	155.6	0.43	28.76	19.99	72.04	4.98	4.37	7.67	8
2014/08/18	ME	DS3	08:10:00	T	1.3	235.5	0.50	29.18	17.56	81.32	5.66	3.20	7.69	5
2014/08/18	ME	DS4	08:17:43	B	9.0	32.7	0.46	27.05	25.65	56.62	3.90	8.79	7.68	9
2014/08/18	ME	DS4	08:18:18	M	5.6	345.5	0.58	28.44	20.54	67.19	4.66	3.46	7.68	7
2014/08/18	ME	DS4	08:18:47	T	1.1	231.7	0.68	29.22	17.41	81.27	5.66	3.12	7.70	4
2014/08/18	ME	DS4	08:19:20	B	9.4	81.9	0.36	26.96	25.85	53.73	3.71	12.14	7.66	9
2014/08/18	ME	DS4	08:19:50	M	5.4	281.4	1.19	28.47	20.31	69.54	4.82	3.43	7.67	7
2014/08/18	ME	DS4	08:20:17	T	0.9	78.6	0.29	29.19	17.50	80.80	5.62	3.07	7.68	4
2014/08/18	ME	DS4	08:20:57	B	9.1	84.6	0.86	26.93	25.93	52.37	3.61	12.67	7.66	9
2014/08/18	ME	DS4	08:21:22	M	5.6	234.8	0.16	28.21	20.81	65.45	4.55	3.57	7.67	7
2014/08/18	ME	DS4	08:21:49	T	0.9	174.6	0.23	29.21	17.43	79.98	5.57	3.08	7.68	5
2014/08/18	ME	DS5	08:26:07	B	11.1	53.8	0.47	26.18	29.02	45.51	3.12	15.07	7.67	9
2014/08/18	ME	DS5	08:26:46	M	6.7	73.6	0.31	27.68	23.51	58.92	4.07	3.89	7.66	5
2014/08/18	ME	DS5	08:27:14	T	1.1	108.7	1.10	29.34	16.76	83.07	5.79	2.94	7.69	4
2014/08/18	ME	DS5	08:27:58	B	11.1	255.1	0.32	26.15	28.43	43.85	3.02	17.33	7.67	9
2014/08/18	ME	DS5	08:28:27	M	6.4	133.7	0.26	27.79	23.05	60.17	4.16	3.75	7.66	5
2014/08/18	ME	DS5	08:28:56	T	1.0	205.0	0.52	29.28	17.09	82.61	5.75	3.07	7.68	4
2014/08/18	ME	DS5	08:29:34	B	11.1	99.9	0.54	26.30	27.87	48.30	3.33	12.66	7.65	9
2014/08/18	ME	DS5	08:30:01	M	6.6	143.4	0.77	27.64	23.53	56.14	3.88	4.42	7.66	5
2014/08/18	ME	DS5	08:30:34	T	0.9	157.8	0.33	29.25	17.30	81.11	5.65	3.15	7.68	4
2014/08/18	ME	US1	07:36:44	B	3.1	199.0	0.65	29.32	19.05	84.63	5.83	20.48	7.72	10
2014/08/18	ME	US1	07:37:12	T	1.0	120.0	0.53	29.57	17.93	91.37	6.30	5.35	7.75	9
2014/08/18	ME	US1	07:37:43	B	3.0	96.5	0.53	29.51	18.42	89.89	6.19	11.60	7.74	10
2014/08/18	ME	US1	07:38:15	T	1.0	238.5	1.01	29.56	18.00	91.00	6.28	5.12	7.75	9
2014/08/18	ME	US1	07:38:47	B	3.0	6.3	0.50	29.43	19.41	86.17	5.91	10.24	7.72	9
2014/08/18	ME	US1	07:39:43	T	1.0	342.0	0.31	29.56	18.15	90.64	6.25	6.34	7.75	9
2014/08/18	ME	US2	07:22:11	B	2.0	192.1	0.51	29.52	19.32	86.59	5.93	13.85	7.72	15
2014/08/18	ME	US2	07:22:43	T	0.9	175.8	0.19	29.67	18.32	92.10	6.33	4.52	7.76	8
2014/08/18	ME	US2	07:23:07	B	1.9	231.7	0.50	29.70	18.08	93.41	6.42	4.01	7.76	15
2014/08/18	ME	US2	07:23:30	T	0.9	55.6	0.33	29.77	17.80	94.54	6.51	3.53	7.76	9
2014/08/18	ME	US2	07:23:56	B	2.1	287.8	0.16	29.73	18.14	94.28	6.48	4.02	7.76	14
2014/08/18	ME	US2	07:24:23	T	1.1	314.8	1.44	29.70	17.71	94.38	6.51	3.98	7.76	8
2014/08/18	ME	MW1	06:04:10	B	18.7	91.9	0.68	25.14	31.02	43.26	2.99	6.19	7.72	3
2014/08/18	ME	MW1	06:04:49	M	10.7	249.6	0.17	27.61	23.98	63.23	4.36	2.24	7.73	5
2014/08/18	ME	MW1	06:05:32	T	1.0	57.1	0.28	28.99	18.35	81.52	5.67	2.19	7.70	8
2014/08/18	ME	MW1	06:06:30	B	18.8	228.9	0.50	25.14	31.10	43.04	2.97	5.00	7.75	3
2014/08/18	ME	MW1	06:07:07	M	10.6	124.2	0.10	27.35	24.90	61.39	4.23	2.23	7.74	5
2014/08/18	ME	MW1	06:07:51	T	1.0	87.3	1.02	28.98	18.36	80.75	5.61	2.18	7.70	9
2014/08/18	ME	MW1	06:08:57	B	18.9	21.6	0.35	25.11	31.21	44.20	3.05	5.93	7.76	4
2014/08/18	ME	MW1	06:09:34	M	10.4	120.1	0.70	27.15	25.41	55.29	3.81	2.64	7.74	5
2014/08/18	ME	MW1	06:10:16	T	1.1	200.3	0.67	28.94	18.75	79.50	5.52	2.14	7.70	9
2014/08/18	ME	THB1	07:14:56	B	3.1	218.1	0.47	28.85	19.13	70.16	4.87	14.00	7.62	6
2014/08/18	ME	THB1	07:15:17	T	1.1	317.7	0.86	29.25	18.85	77.80	5.37	13.37	7.63	25
2014/08/18	ME	THB1	07:15:40	B	3.0	197.2	0.73	29.19	19.42	73.97	5.09	18.40	7.64	7
2014/08/18	ME	THB1	07:16:04	T	1.0	317.7	0.19	29.45	18.44	81.93	5.65	7.02	7.63	24
2014/08/18	ME	THB1	07:16:28	B	3.0	120.1	0.37	29.18	19.34	74.80	5.15	12.06	7.64	7
2014/08/18	ME	THB1	07:16:50	T	1.0	125.1	0.50	29.35	18.89	78.07	5.38	10.76	7.64	25
2014/08/18	ME	THB2	07:26:11	M	1.3	40.0	0.03	29.97	18.21	82.76	5.66	3.89	7.73	4
2014/08/18	ME	THB2	07:27:11	M	1.3	40.0	0.03	29.92	18.22	82.75	5.67	3.99	7.73	4
2014/08/18	ME	THB2	07:28:08	M	1.3	40.0	0.03	29.88	18.22	80.75	5.53	4.79	7.72	4
2014/08/18	ME	WSR45C	06:46:00	B	11.9	272.2	0.37	25.69	29.59	43.77	3.02	8.75	7.71	10
2014/08/18	ME	WSR45C	06:46:27	M	7.2	137.8	0.64	28.70	19.12	70.58	4.91	5.52	7.72	5
2014/08/18	ME	WSR45C	06:47:11	T	0.9	131.8	0.38	29.37	15.47	86.56	6.07	3.19	7.72	4
2014/08/18	ME	WSR45C	06:48:04	B	12.1	126.0	0.81	25.63	29.94	41.31	2.85	9.54	7.71	10
2014/08/18	ME	WSR45C	06:48:34	M	7.0	60.9	0.75	28.88	18.67	73.40	5.10	4.49	7.71	5
2014/08/18	ME	WSR45C	06:49:08	T	1.1	125.1	0.30	29.37	15.53	85.83	6.02	3.22	7.71	4
2014/08/18	ME	WSR45C	06:49:48	B	11.9	318.6	0.46	25.79	29.18	43.53	3.01	8.74	7.70	9
2014/08/18	ME	WSR45C	06:50:21	M	7.0	63.4	0.33	28.72	18.37	70.20	4.90	5.69	7.71	5
2014/08/18	ME	WSR45C	06:50:54	T	0.9	109.9	0.65	29.38	15.42	86.13	6.04	3.10	7.72	4
2014/08/18	ME	WSR46	08:46:55	B	8.9	124.3	0.59	27.93	22.75	60.41	4.17	6.67	7.63	9
2014/08/18	ME	WSR46	08:47:20	M	5.5	333.2	0.72	28.88	17.75	77.10	5.39	3.60	7.66	8
2014/08/18	ME	WSR46	08:47:49	T	1.1	55.6	0.66	29.47	14.25	91.59	6.46	3.20	7.75	4
2014/08/18	ME	WSR46	08:48:25	B	8.8	104.5	0.60	27.92	22.72	61.04	4.22	6.68	7.63	8
2014/08/18	ME	WSR46	08:48:51	M	5.6	227.6	0.20	28.88	17.69	78.76	5.50	3.56	7.66	9

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/20	MF	DS1	15:33:20	B	2.0	24.9	0.48	29.01	15.67	94.27	6.65	8.85	7.84	7
2014/08/20	MF	DS1	15:34:02	T	1.1	141.2	0.10	29.02	15.76	93.57	6.59	9.45	7.86	13
2014/08/20	MF	DS1	15:35:00	B	2.0	240.8	0.17	29.01	15.67	93.57	6.60	9.85	7.88	7
2014/08/20	MF	DS1	15:36:01	T	1.1	256.9	0.92	28.98	15.38	96.07	6.79	9.35	7.91	13
2014/08/20	MF	DS1	15:37:00	B	2.0	306.5	0.14	28.99	15.63	94.37	6.66	10.95	7.89	8
2014/08/20	MF	DS1	15:38:00	T	1.0	61.8	0.23	28.96	15.05	98.97	7.01	10.15	7.94	13
2014/08/20	MF	DS2	15:42:47	B	1.9	134.6	1.27	29.13	15.51	96.97	6.83	12.15	7.93	6
2014/08/20	MF	DS2	15:43:27	T	1.0	10.3	0.66	29.10	15.41	97.96	6.91	9.05	7.94	9
2014/08/20	MF	DS2	15:44:13	B	2.0	266.9	0.78	29.10	15.42	97.46	6.87	8.45	7.94	7
2014/08/20	MF	DS2	15:45:00	T	1.1	174.4	0.31	29.08	15.34	98.36	6.94	6.95	7.94	9
2014/08/20	MF	DS2	15:46:01	B	2.0	318.9	0.93	29.08	15.33	97.86	6.91	6.85	7.94	6
2014/08/20	MF	DS2	15:47:00	T	1.0	194.8	0.63	29.06	15.29	98.66	6.97	6.95	7.95	9
2014/08/20	MF	DS3	15:51:43	B	3.2	206.7	0.53	29.14	15.63	96.76	6.81	6.35	7.93	6
2014/08/20	MF	DS3	15:52:27	T	1.1	253.9	0.23	29.13	15.49	98.26	6.92	5.75	7.95	8
2014/08/20	MF	DS3	15:53:08	B	3.1	207.9	0.31	29.16	15.64	95.46	6.72	6.95	7.92	6
2014/08/20	MF	DS3	15:54:00	T	1.2	232.4	0.30	29.16	15.54	96.36	6.78	6.65	7.93	8
2014/08/20	MF	DS3	15:55:00	B	3.0	314.6	0.36	29.16	15.69	94.96	6.68	7.25	7.92	6
2014/08/20	MF	DS3	15:56:01	T	0.9	161.2	0.22	29.12	15.43	99.25	7.00	5.45	7.95	7
2014/08/20	MF	DS4	16:00:24	B	5.0	329.1	0.72	28.10	22.15	57.37	3.96	12.15	7.69	11
2014/08/20	MF	DS4	16:01:03	M	3.5	252.5	1.41	28.75	18.27	72.06	5.03	11.75	7.79	9
2014/08/20	MF	DS4	16:02:00	T	1.1	250.9	0.06	29.10	15.53	93.65	6.80	7.35	7.92	8
2014/08/20	MF	DS4	16:03:00	B	4.9	118.5	0.37	28.15	21.57	57.67	3.99	14.75	7.69	11
2014/08/20	MF	DS4	16:04:00	M	3.5	355.2	0.53	29.06	16.77	82.16	5.75	13.35	7.84	9
2014/08/20	MF	DS4	16:05:00	T	1.1	288.1	0.29	29.08	15.44	94.35	6.65	7.45	7.92	8
2014/08/20	MF	DS4	16:06:00	B	4.9	337.4	1.02	28.20	21.19	57.27	3.97	12.15	7.71	10
2014/08/20	MF	DS4	16:07:00	M	3.6	98.3	0.23	28.96	16.89	81.65	5.72	13.75	7.85	9
2014/08/20	MF	DS4	16:08:00	T	1.0	140.3	0.44	29.06	15.34	94.15	6.65	7.25	7.92	8
2014/08/20	MF	DS5	16:11:48	B	4.9	298.2	0.24	28.35	19.38	65.06	4.54	13.25	7.72	12
2014/08/20	MF	DS5	16:12:27	M	3.5	219.5	0.40	29.15	16.14	85.95	6.03	13.15	7.87	14
2014/08/20	MF	DS5	16:13:10	T	0.9	194.5	0.10	29.03	15.18	99.34	7.02	5.45	7.97	4
2014/08/20	MF	DS5	16:14:53	B	5.1	158.9	1.04	28.43	20.83	72.65	5.03	13.95	7.73	12
2014/08/20	MF	DS5	16:15:38	M	3.4	166.5	0.34	29.02	17.13	77.85	5.44	16.34	7.81	14
2014/08/20	MF	DS5	16:16:25	T	0.8	81.5	0.64	29.04	15.39	93.64	6.61	7.35	7.92	4
2014/08/20	MF	DS5	16:17:09	B	5.0	195.8	0.53	28.78	18.70	82.05	5.71	10.45	7.76	13
2014/08/20	MF	DS5	16:18:00	M	3.6	299.6	0.87	29.11	16.79	78.35	5.48	15.24	7.83	13
2014/08/20	MF	DS5	16:19:00	T	0.9	287.4	0.41	28.99	15.14	98.73	6.99	5.15	7.96	5
2014/08/20	MF	US1	16:33:43	B	3.0	260.2	0.29	28.77	15.81	89.43	6.32	3.26	7.88	5
2014/08/20	MF	US1	16:34:21	T	1.1	7.0	1.09	28.68	15.13	97.92	6.96	2.96	7.94	4
2014/08/20	MF	US1	16:35:04	B	2.8	154.8	0.02	28.74	15.98	91.72	6.49	3.76	7.89	5
2014/08/20	MF	US1	16:36:00	T	1.0	300.1	0.06	28.69	15.16	97.72	6.95	2.86	7.94	4
2014/08/20	MF	US1	16:37:00	B	2.7	31.0	0.48	28.60	17.48	82.43	5.79	5.15	7.82	5
2014/08/20	MF	US1	16:38:00	T	0.9	250.6	0.66	28.69	15.34	95.02	6.75	3.16	7.91	3
2014/08/20	MF	US2	16:42:13	B	9.9	94.3	0.11	26.07	27.63	40.86	2.83	17.24	7.71	14
2014/08/20	MF	US2	16:43:09	M	6.1	293.3	0.64	27.77	21.49	62.04	4.33	8.25	7.74	10
2014/08/20	MF	US2	16:44:00	T	0.9	51.6	0.47	28.66	15.78	90.32	6.40	3.26	7.90	4
2014/08/20	MF	US2	16:45:00	B	9.7	314.4	0.63	26.09	27.59	40.26	2.79	21.24	7.71	15
2014/08/20	MF	US2	16:46:11	M	5.5	135.0	0.28	27.85	21.33	62.34	4.34	10.85	7.74	10
2014/08/20	MF	US2	16:47:00	T	1.0	178.7	1.05	28.75	15.31	89.52	6.35	3.86	7.92	4
2014/08/20	MF	US2	16:50:06	B	10.3	4.9	0.53	26.23	27.54	49.75	3.44	16.74	7.71	15
2014/08/20	MF	US2	16:51:02	M	6.4	139.2	0.85	27.77	22.43	60.64	4.21	9.25	7.74	11
2014/08/20	MF	US2	16:52:00	T	0.9	19.4	0.33	28.64	15.53	87.51	6.22	3.56	7.90	4
2014/08/20	MF	MW1	17:14:51	B	18.1	315.8	0.54	24.72	31.25	42.56	2.96	6.76	7.68	9
2014/08/20	MF	MW1	17:15:38	M	10.2	240.4	0.34	26.02	27.70	52.28	3.63	4.14	7.67	8
2014/08/20	MF	MW1	17:16:28	T	1.1	97.1	1.27	27.44	22.12	71.71	5.01	2.40	7.71	4
2014/08/20	MF	MW1	17:17:40	B	18.3	255.1	0.27	24.78	31.12	42.80	2.97	6.16	7.69	8
2014/08/20	MF	MW1	17:18:37	M	10.1	18.0	0.66	25.94	27.97	51.59	3.58	4.48	7.68	8
2014/08/20	MF	MW1	17:19:25	T	1.2	14.7	0.14	27.38	22.23	72.61	5.08	2.88	7.72	4
2014/08/20	MF	MW1	17:21:00	B	18.0	229.9	0.11	24.78	31.11	42.67	2.96	6.37	7.68	8
2014/08/20	MF	MW1	17:22:00	M	10.1	337.9	0.23	26.03	27.70	53.15	3.69	4.41	7.68	9
2014/08/20	MF	MW1	17:22:48	T	1.1	352.5	0.46	27.23	23.02	68.61	4.79	2.72	7.70	4
2014/08/20	MF	THB1	16:00:45	B	2.0	325.5	0.26	29.24	17.24	81.91	5.70	12.35	7.70	13
2014/08/20	MF	THB1	16:01:18	T	1.0	258.7	0.59	29.26	16.47	88.46	6.18	10.99	7.75	13
2014/08/20	MF	THB1	16:01:55	B	2.0	144.7	0.12	29.25	16.88	85.28	5.95	10.58	7.73	13
2014/08/20	MF	THB1	16:02:47	T	1.0	247.9	0.11	29.26	16.52	88.97	6.22	9.86	7.76	13
2014/08/20	MF	THB1	16:03:33	B	1.9	61.3	0.31	29.24	17.26	82.39	5.74	10.90	7.71	13
2014/08/20	MF	THB1	16:04:19	T	0.9	24.5	0.77	29.21	16.26	91.41	6.40	11.13	7.78	13
2014/08/20	MF	THB2	16:07:32	M	0.8	40.0	0.05	29.35	13.50	79.11	5.61	10.39	7.69	14
2014/08/20	MF	THB2	16:08:20	M	0.7	40.0	0.05	29.22	13.15	80.55	5.74	10.39	7.72	14
2014/08/20	MF	THB2	16:09:06	M	0.7	40.0	0.05	29.27	13.22	80.61	5.74	10.19	7.73	14
2014/08/20	MF	WSR45C	16:36:10	B	12.6	71.1	0.11	25.62	29.11	38.00	2.63	15.48	7.61	16
2014/08/20	MF	WSR45C	16:37:13	M	6.8	199.7	0.59	26.49	26.65	43.75	3.03	8.32	7.61	11
2014/08/20	MF	WSR45C	16:38:02	T	1.2	182.0	1.00	28.51	17.67	84.14	5.92	2.64	7.75	5
2014/08/20	MF	WSR45C	16:38:54	B	12.1	227.6	0.51	25.81	26.76	39.24	2.72	14.92	7.62	16
2014/08/20	MF	WSR45C	16:39:33	M	6.7	11.5	1.54	26.69	28.04	42.80	2.96	8.33	7.60	11
2014/08/20	MF	WSR45C	16:40:14	T	1.2	29.3	0.14	28.44	18.47	78.46	5.50	2.91	7.72	5
2014/08/20	MF	WSR45C	16:41:08	B	11.9	324.6	0.62	25.75	28.86	38.47	2.66	15.24	7.62	16
2014/08/20	MF	WSR45C	16:41:54	M	6.9	197.9	0.14	26.52	26.61	41.91	2.90	8.57	7.60	11
2014/08/20	MF	WSR45C	16:42:37	T	1.3	294.0	0.15	28.45	18.40	78.80	5.52	2.67	7.73	5
2014/08/20	MF	WSR46	15:34:59	B	8.1	258.1	0.64	27.02	24.95	51.47	3.56	11.14	7.52	16
2014/08/20	MF	WSR46	15:35:34	M	5.0	256.2	0.76	28.53	16.58	83.04	5.87	4.00	7.68	5
2014/08/20	MF	WSR46	15:36:12	T	1.2	138.5	1.11	28.84	15.25	95.06	6.74	3.65	7.77	4
2014/08/20	MF	WSR46	15:37:20	B	8.1	248.8	0.40	27.79	21.88	61.92	4.31	6.67	7.63	16
2014/08/20	MF	WSR46	15:38:06	M	5.1	294.8	0.75	28.40	18.21	77.66	5.46	4.71	7.70	4
2014/08/20	MF	WSR46	15:38:47	T	1.0	166.2	1.76	28.81	14.92	95.02	6.75	3.57	7.81	4
2014/08/20	MF	WSR46	15:39:40	B	8.2	265.0	0.85	27.77	21.98	61.58	4.28	6.19	7.65	16
2014/08/20	MF	WSR46	15:40:25	M	5.1	274.6	1.08	28.41	17.87					

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/20	ME	DS1	09:11:44	B	3.9	149.8	1.83	28.93	17.79	82.83	5.78	5.25	7.88	6
2014/08/20	ME	DS1	09:12:26	M	2.8	349.1	0.20	29.30	16.47	88.12	6.16	6.15	7.92	7
2014/08/20	ME	DS1	09:13:10	T	1.0	7.7	0.59	29.24	15.60	91.12	6.40	5.45	7.94	6
2014/08/20	ME	DS1	09:14:00	B	4.1	217.7	0.28	28.78	18.26	81.73	5.70	5.65	7.87	6
2014/08/20	ME	DS1	09:15:00	M	3.0	263.9	0.32	29.23	16.61	86.72	6.06	6.65	7.91	7
2014/08/20	ME	DS1	09:16:00	T	1.1	236.4	0.87	29.29	15.70	91.12	6.39	5.75	7.94	6
2014/08/20	ME	DS1	09:17:00	B	4.2	221.4	0.33	28.61	18.80	78.83	5.50	7.45	7.87	7
2014/08/20	ME	DS1	09:18:00	M	2.9	185.0	0.05	29.21	16.89	85.42	5.96	6.05	7.91	7
2014/08/20	ME	DS1	09:19:00	T	1.0	330.5	1.51	29.30	15.40	92.01	6.47	5.25	7.95	6
2014/08/20	ME	DS2	09:30:04	B	7.5	226.3	0.39	26.95	24.89	56.24	3.90	6.15	7.79	20
2014/08/20	ME	DS2	09:31:00	M	4.7	256.4	0.29	27.32	23.48	58.84	4.09	6.65	7.81	8
2014/08/20	ME	DS2	09:32:00	T	1.0	46.9	0.35	28.93	14.80	91.70	6.51	4.66	7.96	5
2014/08/20	ME	DS2	09:33:00	B	6.9	300.0	0.82	26.59	25.92	51.84	3.60	8.25	7.80	21
2014/08/20	ME	DS2	09:34:00	M	4.6	26.6	0.07	27.69	21.88	66.13	4.61	3.96	7.84	8
2014/08/20	ME	DS2	09:35:01	T	0.9	271.6	0.38	28.92	14.64	92.70	6.58	4.66	7.97	5
2014/08/20	ME	DS2	09:36:00	B	7.0	320.0	0.62	26.18	27.28	45.85	3.18	10.55	7.78	20
2014/08/20	ME	DS2	09:37:01	M	4.5	262.0	1.56	28.14	19.77	72.82	5.09	4.06	7.86	8
2014/08/20	ME	DS2	09:38:00	T	1.1	183.1	0.62	28.84	15.16	89.20	6.33	4.16	7.93	5
2014/08/20	ME	DS3	09:43:10	B	8.0	144.0	0.24	25.89	28.03	50.54	3.51	5.75	7.81	7
2014/08/20	ME	DS3	09:44:00	M	5.2	23.1	0.38	27.29	23.65	57.43	3.99	4.56	7.79	6
2014/08/20	ME	DS3	09:45:00	T	0.8	338.7	0.96	28.90	15.08	88.99	6.31	2.96	7.94	5
2014/08/20	ME	DS3	09:46:00	B	8.0	202.6	0.12	25.91	27.97	50.54	3.51	4.36	7.83	7
2014/08/20	ME	DS3	09:47:00	M	5.0	82.9	0.70	27.35	23.31	58.73	4.08	4.06	7.81	6
2014/08/20	ME	DS3	09:48:00	T	0.9	134.8	0.48	28.85	14.98	89.69	6.37	3.96	7.95	5
2014/08/20	ME	DS3	09:50:24	B	8.1	326.8	0.60	25.96	27.80	52.43	3.64	4.76	7.82	7
2014/08/20	ME	DS3	09:51:05	M	4.9	2.6	0.44	27.34	23.38	59.22	4.12	3.96	7.81	6
2014/08/20	ME	DS3	09:52:00	T	1.1	260.4	1.40	28.88	14.72	91.78	6.52	3.16	7.95	5
2014/08/20	ME	DS4	09:59:33	B	9.1	114.2	0.15	25.75	28.66	50.33	3.49	5.15	7.79	6
2014/08/20	ME	DS4	10:00:24	M	5.5	39.4	0.33	27.28	23.33	59.22	4.12	5.25	7.81	5
2014/08/20	ME	DS4	10:01:05	T	0.9	301.7	1.13	28.75	15.41	87.28	6.19	4.16	7.93	5
2014/08/20	ME	DS4	10:02:00	B	9.0	159.3	0.62	25.67	28.84	47.13	3.27	5.85	7.80	6
2014/08/20	ME	DS4	10:03:00	M	5.8	324.8	0.04	27.09	24.11	56.72	3.94	5.06	7.80	5
2014/08/20	ME	DS4	10:04:01	T	1.2	246.1	0.36	28.75	15.38	89.87	6.38	3.76	7.94	5
2014/08/20	ME	DS4	10:05:00	B	8.8	73.6	0.70	25.61	28.80	44.04	3.06	8.25	7.80	6
2014/08/20	ME	DS4	10:06:00	M	5.6	57.1	0.43	27.35	23.12	57.52	4.00	4.66	7.80	5
2014/08/20	ME	DS4	10:07:00	T	0.9	108.8	0.20	28.81	15.68	87.27	6.18	3.56	7.92	4
2014/08/20	ME	DS5	10:11:48	B	11.1	126.2	0.47	25.18	30.20	42.24	2.93	15.24	7.79	14
2014/08/20	ME	DS5	10:12:35	M	6.7	70.8	0.83	27.28	24.42	56.21	3.89	4.26	7.80	5
2014/08/20	ME	DS5	10:13:22	T	1.3	255.1	0.38	28.82	15.10	89.76	6.37	3.96	7.94	3
2014/08/20	ME	DS5	10:14:24	B	11.3	91.4	0.17	26.21	30.12	41.74	2.90	14.55	7.80	15
2014/08/20	ME	DS5	10:15:06	M	6.3	100.6	1.02	26.74	25.21	52.62	3.66	4.96	7.82	5
2014/08/20	ME	DS5	10:16:00	T	1.1	17.1	0.38	28.76	15.30	89.16	6.33	3.76	7.95	3
2014/08/20	ME	DS5	10:17:08	B	11.1	64.0	0.35	25.18	30.21	40.84	2.83	15.84	7.80	15
2014/08/20	ME	DS5	10:18:00	M	6.0	133.3	1.52	27.19	24.02	56.11	3.90	4.26	7.80	5
2014/08/20	ME	DS5	10:19:00	T	1.1	241.8	0.58	28.77	15.15	90.36	6.42	3.66	7.95	3
2014/08/20	ME	US1	10:33:33	B	3.1	276.1	0.70	29.06	18.50	80.06	5.55	5.75	7.81	6
2014/08/20	ME	US1	10:34:15	T	1.2	61.7	0.34	29.04	15.07	93.24	6.59	4.56	7.95	5
2014/08/20	ME	US1	10:35:00	B	2.9	290.2	0.17	29.11	17.80	79.66	5.54	5.45	7.83	6
2014/08/20	ME	US1	10:36:00	T	1.0	31.1	0.71	29.06	15.09	93.53	6.61	4.96	7.95	5
2014/08/20	ME	US1	10:37:36	B	2.9	199.3	0.56	29.14	18.32	79.86	5.54	6.85	7.87	6
2014/08/20	ME	US1	10:38:15	T	1.1	220.6	0.09	29.12	16.02	82.75	5.81	6.15	7.92	5
2014/08/20	ME	US2	10:43:45	B	2.0	150.2	0.30	29.20	15.51	90.93	6.40	4.96	7.95	6
2014/08/20	ME	US2	10:44:24	T	1.1	61.7	0.10	29.10	14.88	95.52	6.76	5.35	7.97	6
2014/08/20	ME	US2	10:45:06	B	2.0	299.7	0.16	29.32	15.54	90.53	6.36	4.56	7.92	6
2014/08/20	ME	US2	10:46:00	T	0.9	113.0	1.73	29.13	14.93	95.02	6.71	4.86	7.96	6
2014/08/20	ME	US2	10:46:00	B	1.9	100.1	0.60	29.08	15.24	93.72	6.82	9.55	7.85	5
2014/08/20	ME	US2	10:56:00	T	1.1	23.1	0.67	29.12	15.22	95.81	6.62	7.55	7.95	6
2014/08/20	ME	MW1	08:07:15	B	19.0	56.2	0.63	24.50	31.78	45.89	3.19	5.15	7.89	7
2014/08/20	ME	MW1	08:08:03	M	10.5	219.5	1.32	26.12	26.55	49.49	3.45	4.26	7.90	6
2014/08/20	ME	MW1	08:09:00	T	1.1	57.9	0.87	28.83	14.64	94.38	6.71	2.46	8.03	7
2014/08/20	ME	MW1	08:10:03	B	18.8	30.7	0.72	24.48	31.76	45.59	3.17	5.35	7.89	7
2014/08/20	ME	MW1	08:11:00	M	10.8	277.3	0.33	25.21	29.85	47.39	3.29	4.06	7.89	6
2014/08/20	ME	MW1	08:12:00	T	0.9	91.0	0.44	28.76	15.26	91.18	6.47	2.36	8.01	7
2014/08/20	ME	MW1	08:13:01	B	19.1	108.0	0.44	24.48	31.73	45.69	3.18	5.06	7.89	7
2014/08/20	ME	MW1	08:14:00	M	10.6	350.8	0.75	25.24	29.73	47.09	3.27	3.86	7.89	6
2014/08/20	ME	MW1	08:15:00	T	1.0	38.5	0.96	28.82	14.51	94.17	6.71	2.56	8.03	7
2014/08/20	ME	THB1	10:15:04	B	1.9	200.7	0.41	29.55	15.49	95.25	6.66	4.92	7.87	7
2014/08/20	ME	THB1	10:15:32	T	1.0	27.8	0.31	29.56	15.42	95.54	6.68	4.58	7.88	6
2014/08/20	ME	THB1	10:15:58	B	1.9	61.8	0.72	29.78	16.12	94.63	6.57	6.62	7.87	7
2014/08/20	ME	THB1	10:16:39	T	1.0	349.9	0.06	29.51	15.26	97.70	6.85	4.38	7.90	6
2014/08/20	ME	THB1	10:17:29	B	1.8	98.1	0.83	29.88	16.35	93.73	6.49	7.29	7.86	7
2014/08/20	ME	THB1	10:18:12	T	1.0	52.3	0.59	29.69	15.75	98.20	6.84	4.32	7.90	6
2014/08/20	ME	THB2	10:22:44	M	1.1	40.0	0.05	29.28	13.84	86.16	6.11	2.29	7.81	7
2014/08/20	ME	THB2	10:23:30	M	1.1	40.0	0.05	29.26	13.86	86.23	6.12	2.29	7.82	6
2014/08/20	ME	THB2	10:24:15	M	1.1	40.0	0.05	29.25	13.82	86.49	6.14	2.19	7.82	6
2014/08/20	ME	WSR45C	09:46:09	B	12.0	66.6	1.89	25.29	30.15	40.34	2.79	10.54	7.65	4
2014/08/20	ME	WSR45C	09:47:03	M	6.8	345.3	0.98	27.08	24.65	52.52	3.64	4.23	7.66	6
2014/08/20	ME	WSR45C	09:47:55	T	1.0	34.3	0.36	28.85	15.54	89.76	6.35	3.03	7.81	8
2014/08/20	ME	WSR45C	09:48:47	B	12.1	57.4	0.33	25.36	30.04	40.90	2.83	9.82	7.72	4
2014/08/20	ME	WSR45C	09:49:40	M	6.8	69.1	1.12	27.16	24.44	53.28	3.69	4.44	7.70	6
2014/08/20	ME	WSR45C	09:50:28	T	1.0	52.1	0.59	28.85	15.31	89.74	6.36	3.13	7.84	8
2014/08/20	ME	WSR45C	09:51:23	B	11.8	221.2	0.73	25.35	30.02	40.62	2.81	9.21	7.74	4
2014/08/20	ME	WSR45C	09:52:13	M	6.8	192.7	0.16	27.18	24.38	52.98	3.67	4.32	7.71	6
2014/08/20	ME	WSR45C	09:52:59	T	1.2	51.5	0.78	28.85	15.63	88.61	6.27	3.16	7.85	8
2014/08/20	ME	WSR46	10:50:43	B	8.0	7.0	0.25	26.83	26.48	42.45	2.92	8.88	7.63	12
2014/08/20	ME	WSR46	10:51:34	M	5.1	95.2	0.84	27.94	21.99	55.42	3.84	4.26	7.66	5
2014/08/20	ME	WSR46	10											

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/22	MF	DS1	17:02:22	B	2.1	110.4	0.60	29.08	15.62	90.39	6.37	3.56	7.98	3
2014/08/22	MF	DS1	17:03:06	T	1.1	253.9	0.57	29.36	15.02	93.17	6.55	3.36	7.94	4
2014/08/22	MF	DS1	17:04:00	B	2.0	3.8	0.75	29.16	15.38	90.26	6.36	3.56	7.91	3
2014/08/22	MF	DS1	17:05:09	T	1.1	115.4	0.20	29.26	15.07	90.55	6.38	3.36	7.91	4
2014/08/22	MF	DS1	17:06:00	B	1.9	209.6	0.26	29.19	15.23	90.04	6.35	3.36	7.90	3
2014/08/22	MF	DS1	17:07:00	T	1.0	135.9	0.36	29.36	14.87	91.52	6.44	3.36	7.89	4
2014/08/22	MF	DS2	17:11:21	B	1.9	12.7	0.24	29.11	16.23	91.55	6.43	14.35	7.91	17
2014/08/22	MF	DS2	17:12:04	T	0.8	284.5	0.30	29.41	15.34	93.24	6.54	9.05	7.91	10
2014/08/22	MF	DS2	17:13:00	B	2.0	145.5	0.73	29.19	15.95	90.54	6.36	12.35	7.90	18
2014/08/22	MF	DS2	17:14:00	T	0.9	255.7	0.60	29.33	15.40	93.01	6.53	10.45	7.90	10
2014/08/22	MF	DS2	17:15:00	B	1.8	271.5	0.35	29.31	15.44	92.70	6.51	11.85	7.90	17
2014/08/22	MF	DS2	17:16:00	T	0.8	215.7	0.74	29.31	15.33	92.78	6.52	9.55	7.90	10
2014/08/22	MF	DS3	17:20:34	B	3.9	100.6	0.13	28.59	19.02	80.39	5.60	16.14	7.89	14
2014/08/22	MF	DS3	17:21:18	M	3.0	202.4	0.87	28.69	18.59	83.27	5.81	13.25	7.89	14
2014/08/22	MF	DS3	17:22:02	T	0.9	160.3	1.10	29.00	16.83	90.01	6.31	9.25	7.93	7
2014/08/22	MF	DS3	17:23:03	B	3.9	52.8	0.37	28.64	18.85	81.75	5.70	15.44	7.89	14
2014/08/22	MF	DS3	17:24:00	M	2.9	258.2	0.17	28.75	18.22	83.83	5.85	15.64	7.89	15
2014/08/22	MF	DS3	17:25:00	T	1.0	201.9	0.42	29.26	15.82	93.05	6.53	6.85	7.93	7
2014/08/22	MF	DS3	17:26:06	B	4.0	316.8	0.38	28.57	19.19	76.95	5.36	17.34	7.86	14
2014/08/22	MF	DS3	17:27:04	M	3.4	152.0	0.42	28.69	18.51	83.89	5.85	9.85	7.90	14
2014/08/22	MF	DS3	17:28:01	T	1.0	260.4	1.05	29.27	15.71	92.81	6.51	6.85	7.92	7
2014/08/22	MF	DS4	17:32:26	B	4.9	259.2	0.93	28.31	20.27	67.15	4.67	32.03	7.83	20
2014/08/22	MF	DS4	17:33:12	M	3.4	235.0	0.63	28.51	19.25	78.65	5.48	29.13	7.85	22
2014/08/22	MF	DS4	17:34:11	T	1.0	35.5	0.27	29.29	15.71	94.31	6.62	12.85	7.91	12
2014/08/22	MF	DS4	17:35:05	B	4.9	259.8	0.51	28.42	20.07	71.69	4.98	30.43	7.84	19
2014/08/22	MF	DS4	17:36:00	M	3.5	215.0	0.49	28.62	18.84	80.60	5.62	27.33	7.86	22
2014/08/22	MF	DS4	17:37:00	T	1.0	260.8	0.27	29.22	15.99	93.87	6.58	10.65	7.90	13
2014/08/22	MF	DS4	17:38:01	B	5.1	192.3	0.26	28.40	20.14	70.17	4.88	30.53	7.83	21
2014/08/22	MF	DS4	17:39:00	M	3.2	11.0	0.14	28.54	19.14	76.99	5.37	29.03	7.86	22
2014/08/22	MF	DS4	17:40:00	T	1.1	243.5	0.67	29.20	15.89	93.23	6.55	9.75	7.90	12
2014/08/22	MF	DS5	17:43:49	B	3.9	25.3	0.41	28.94	18.99	86.54	6.00	13.95	7.93	11
2014/08/22	MF	DS5	17:44:30	M	2.9	342.1	0.84	29.09	17.37	92.18	6.43	11.35	7.96	15
2014/08/22	MF	DS5	17:45:14	T	1.3	220.0	0.45	29.24	16.78	97.81	6.83	8.15	7.94	10
2014/08/22	MF	DS5	17:46:00	B	3.8	198.6	0.39	28.84	18.80	83.94	5.83	16.44	7.90	12
2014/08/22	MF	DS5	17:47:03	M	2.8	41.1	0.69	29.07	17.55	92.64	6.46	13.55	7.92	15
2014/08/22	MF	DS5	17:48:08	T	1.0	10.1	0.47	29.27	16.47	97.77	6.83	7.45	7.94	10
2014/08/22	MF	DS5	17:49:00	B	3.9	62.7	0.51	28.92	18.39	87.17	6.06	13.65	7.92	11
2014/08/22	MF	DS5	17:50:02	M	2.8	4.1	0.34	29.01	17.68	92.79	6.47	13.05	7.94	15
2014/08/22	MF	DS5	17:51:02	T	0.9	238.2	0.66	29.36	15.91	98.12	6.87	6.85	7.94	10
2014/08/22	MF	US1	18:05:19	B	4.2	250.3	0.36	28.06	19.06	71.16	5.00	5.75	7.76	4
2014/08/22	MF	US1	18:06:00	M	3.1	280.8	0.62	28.15	18.67	70.36	4.95	3.56	7.76	3
2014/08/22	MF	US1	18:07:57	T	0.9	170.4	0.31	28.97	15.37	79.42	5.61	20.14	7.80	16
2014/08/22	MF	US1	18:11:30	B	3.9	167.8	0.21	27.79	20.13	64.98	4.56	6.55	7.77	4
2014/08/22	MF	US1	18:12:07	M	3.0	300.0	0.10	28.02	19.03	68.13	4.80	4.16	7.78	3
2014/08/22	MF	US1	18:14:46	T	1.2	252.9	0.51	28.67	16.83	76.08	5.36	4.66	7.79	16
2014/08/22	MF	US1	18:15:28	B	4.2	351.0	0.51	27.70	20.63	63.66	4.46	6.95	7.77	4
2014/08/22	MF	US1	18:16:15	M	3.2	179.7	0.33	28.07	18.89	66.80	4.70	3.96	7.77	2
2014/08/22	MF	US1	18:17:01	T	0.9	323.7	1.57	28.59	17.16	74.58	5.25	3.56	7.79	16
2014/08/22	MF	US2	18:21:31	B	8.0	170.7	0.16	26.71	24.41	51.69	3.61	11.95	7.78	13
2014/08/22	MF	US2	18:22:15	M	5.0	324.7	0.20	27.04	23.13	55.91	3.91	6.55	7.78	10
2014/08/22	MF	US2	18:23:06	T	1.0	350.8	0.91	28.98	15.57	77.36	5.46	3.56	7.78	3
2014/08/22	MF	US2	18:24:59	B	8.3	176.3	0.51	26.74	24.34	56.28	3.93	11.55	7.78	13
2014/08/22	MF	US2	18:26:01	M	5.0	12.7	0.44	27.22	22.42	57.95	4.06	5.95	7.78	9
2014/08/22	MF	US2	18:27:00	T	1.1	132.6	0.36	28.94	15.64	77.81	5.49	3.56	7.78	3
2014/08/22	MF	US2	18:28:01	B	7.8	322.6	0.33	26.62	24.88	51.63	3.60	12.85	7.78	13
2014/08/22	MF	US2	18:29:00	M	5.0	328.2	0.55	27.19	22.51	58.94	3.99	6.55	7.78	10
2014/08/22	MF	US2	18:30:00	T	0.9	185.1	1.59	29.04	15.25	78.26	5.53	4.06	7.78	3
2014/08/22	MF	MW1	18:47:24	B	18.1	122.5	0.55	24.68	30.64	46.20	3.23	10.53	7.75	13
2014/08/22	MF	MW1	18:48:19	M	9.9	68.9	0.20	25.81	27.79	48.86	3.40	7.28	7.73	8
2014/08/22	MF	MW1	18:49:09	T	1.0	89.5	0.47	26.52	25.75	62.10	4.32	3.49	7.76	8
2014/08/22	MF	MW1	18:50:09	B	18.0	64.9	0.44	24.76	30.51	45.99	3.21	9.23	7.75	13
2014/08/22	MF	MW1	18:50:59	M	10.1	171.2	0.66	25.95	27.31	53.59	3.73	5.21	7.75	8
2014/08/22	MF	MW1	18:51:59	T	0.9	53.4	0.33	26.53	25.67	61.85	4.30	3.54	7.76	8
2014/08/22	MF	MW1	18:52:59	B	18.0	333.8	0.49	24.82	30.38	46.32	3.23	9.27	7.76	13
2014/08/22	MF	MW1	18:53:59	M	10.0	89.2	0.23	26.07	27.07	55.84	3.88	5.28	7.75	8
2014/08/22	MF	MW1	18:55:00	T	1.0	329.3	0.68	26.78	24.67	59.32	4.13	2.80	7.73	7
2014/08/22	MF	THB1	17:20:57	B	1.7	227.3	0.94	28.88	16.58	81.23	5.71	11.60	7.74	11
2014/08/22	MF	THB1	17:21:46	T	1.1	276.3	0.47	29.15	15.59	86.19	6.07	9.39	7.76	11
2014/08/22	MF	THB1	17:22:15	B	2.1	274.9	0.33	28.73	17.52	77.18	5.41	14.10	7.71	12
2014/08/22	MF	THB1	17:23:11	T	0.9	150.1	0.52	29.21	15.45	86.13	6.06	9.05	7.76	11
2014/08/22	MF	THB1	17:24:07	B	2.2	4.5	0.11	28.68	17.83	74.91	5.25	13.76	7.71	11
2014/08/22	MF	THB1	17:25:18	T	0.8	188.8	0.48	29.31	15.19	87.15	6.13	7.57	7.76	12
2014/08/22	MF	THB2	17:31:10	M	1.0	40.0	0.03	29.37	18.16	63.96	4.42	16.11	7.52	5
2014/08/22	MF	THB2	17:31:59	M	1.0	40.0	0.03	29.35	18.15	64.26	4.44	15.51	7.54	5
2014/08/22	MF	THB2	17:32:59	M	1.0	40.0	0.03	29.36	18.12	63.86	4.42	16.31	7.56	6
2014/08/22	MF	WSR45C	18:08:09	B	12.1	302.9	0.94	25.41	29.20	43.06	2.99	17.07	7.72	19
2014/08/22	MF	WSR45C	18:09:14	M	7.0	271.6	0.56	26.16	26.86	47.06	3.27	8.64	7.71	12
2014/08/22	MF	WSR45C	18:09:59	T	1.1	133.9	0.49	28.89	16.47	82.01	5.77	2.70	7.77	8
2014/08/22	MF	WSR45C	18:10:59	B	12.2	276.1	0.73	25.47	29.03	43.54	3.03	15.27	7.72	19
2014/08/22	MF	WSR45C	18:11:59	M	7.1	340.5	0.41	26.17	26.85	47.31	3.29	9.94	7.71	12
2014/08/22	MF	WSR45C	18:12:59	T	0.9	263.0	0.55	28.87	16.60	82.76	5.82	2.61	7.76	9
2014/08/22	MF	WSR45C	18:13:59	B	12.0	270.1	1.04	25.35	29.30	42.79	2.98	24.63	7.72	17
2014/08/22	MF	WSR45C	18:15:00	M	6.8	216.1	0.50	26.33	26.16	49.26	3.43	9.64	7.71	13
2014/08/22	MF	WSR45C	18:15:59	T	0.9	227.3	0.37	28.91	16.42	83.24	5.86	2.64	7.76	8
2014/08/22	MF	WSR46	16:52:38	B	7.4	283.7	0.41	26.27	26.50	45.82	3.19	50.00	7.68	21
2014/08/22	MF	WSR46	16:53:37	M	5.2	264.5	1.16	27.17						

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/22	ME	DS1	10:18:55	B	4.1	31.4	0.84	27.76	20.24	68.68	4.82	5.85	7.84	7
2014/08/22	ME	DS1	10:19:51	M	3.0	133.3	1.53	27.93	19.20	68.88	4.85	6.05	7.83	7
2014/08/22	ME	DS1	10:20:34	T	0.8	147.1	0.44	28.29	17.07	75.51	5.35	3.66	7.82	4
2014/08/22	ME	DS1	10:22:27	B	4.2	78.7	0.52	27.79	20.12	67.80	4.76	5.25	7.81	7
2014/08/22	ME	DS1	10:24:05	M	3.0	100.3	1.06	27.96	19.19	70.22	4.94	8.75	7.80	7
2014/08/22	ME	DS1	10:25:00	T	1.0	143.7	1.16	28.27	17.58	77.55	5.48	5.35	7.82	4
2014/08/22	ME	DS1	10:26:00	B	3.9	351.8	0.46	27.75	20.34	66.22	4.65	4.46	7.79	7
2014/08/22	ME	DS1	10:27:00	M	3.1	28.6	0.66	28.08	19.08	69.74	4.90	4.46	7.80	7
2014/08/22	ME	DS1	10:28:00	T	1.1	101.8	0.65	28.28	17.50	78.28	5.53	4.36	7.82	4
2014/08/22	ME	DS2	10:32:46	B	8.0	214.9	0.45	25.97	27.31	46.09	3.21	6.05	7.80	7
2014/08/22	ME	DS2	10:33:33	M	5.0	291.3	0.23	27.55	21.29	62.97	4.41	3.46	7.83	4
2014/08/22	ME	DS2	10:34:13	T	1.0	12.0	0.41	28.29	16.58	72.91	5.18	3.66	7.83	4
2014/08/22	ME	DS2	10:35:00	B	8.1	4.0	0.30	26.02	27.21	49.62	3.45	6.15	7.81	7
2014/08/22	ME	DS2	10:36:00	M	4.9	175.2	0.18	27.65	20.92	65.80	4.61	3.16	7.84	4
2014/08/22	ME	DS2	10:37:00	T	1.0	48.8	0.77	28.31	16.27	73.74	5.24	3.46	7.81	4
2014/08/22	ME	DS2	10:38:07	B	8.1	172.6	0.30	26.04	27.13	47.73	3.32	6.25	7.80	7
2014/08/22	ME	DS2	10:39:00	M	5.0	207.8	0.47	27.48	21.43	60.99	4.28	4.56	7.82	4
2014/08/22	ME	DS2	10:40:00	T	1.1	259.3	0.59	28.30	16.71	73.86	5.24	4.06	7.82	4
2014/08/22	ME	DS3	10:43:51	B	7.2	151.4	0.16	26.78	24.66	59.92	4.17	4.66	7.81	4
2014/08/22	ME	DS3	10:44:31	M	4.5	6.0	0.14	27.89	19.74	68.17	4.79	2.56	7.83	3
2014/08/22	ME	DS3	10:45:12	T	1.1	74.5	0.68	28.29	16.51	72.90	5.18	3.46	7.80	4
2014/08/22	ME	DS3	10:46:02	B	7.3	37.7	0.07	26.39	25.91	55.71	3.88	3.96	7.83	4
2014/08/22	ME	DS3	10:47:00	M	4.4	284.7	0.68	28.02	19.16	70.20	4.94	2.36	7.82	3
2014/08/22	ME	DS3	10:48:08	T	1.1	98.3	0.40	28.53	14.44	75.54	5.41	3.96	7.79	4
2014/08/22	ME	DS3	10:49:00	B	6.8	146.3	0.09	26.84	24.64	57.34	3.99	4.86	7.81	3
2014/08/22	ME	DS3	10:50:00	M	4.7	47.0	0.42	27.90	19.86	70.53	4.95	1.96	7.83	3
2014/08/22	ME	DS3	10:51:00	T	1.1	25.4	0.32	28.26	16.82	72.35	5.13	3.46	7.80	4
2014/08/22	ME	DS4	10:54:50	B	8.9	211.3	1.93	25.99	27.35	52.65	3.66	4.36	7.81	8
2014/08/22	ME	DS4	10:55:34	M	5.6	324.6	0.65	27.81	19.84	66.44	4.67	2.76	7.82	3
2014/08/22	ME	DS4	10:56:17	T	1.0	204.3	0.12	28.32	15.92	72.29	5.15	3.86	7.78	6
2014/08/22	ME	DS4	10:59:47	B	8.7	66.9	0.55	26.06	26.98	52.27	3.64	5.75	7.81	8
2014/08/22	ME	DS4	11:00:31	M	5.4	250.3	0.06	27.83	19.86	66.88	4.70	2.76	7.81	3
2014/08/22	ME	DS4	11:01:11	T	1.0	52.5	0.42	28.15	17.10	70.41	5.00	3.66	7.79	6
2014/08/22	ME	DS4	11:02:00	B	9.2	98.1	0.47	26.00	27.38	51.98	3.61	3.66	7.81	8
2014/08/22	ME	DS4	11:03:00	M	5.5	304.9	0.12	27.80	20.08	67.10	4.71	2.66	7.82	3
2014/08/22	ME	DS4	11:04:00	T	1.0	120.7	0.65	28.17	16.99	70.54	5.01	3.76	7.79	6
2014/08/22	ME	DS5	11:09:47	B	11.0	339.9	0.58	25.08	29.71	44.67	3.11	23.94	7.81	15
2014/08/22	ME	DS5	11:10:31	M	6.6	219.8	0.39	27.06	23.24	57.48	4.02	5.45	7.81	6
2014/08/22	ME	DS5	11:11:10	T	1.2	96.9	0.72	28.16	16.88	69.99	4.97	3.86	7.79	5
2014/08/22	ME	DS5	11:12:12	B	11.2	194.8	0.66	25.11	29.76	43.57	3.03	21.04	7.81	16
2014/08/22	ME	DS5	11:13:00	M	6.7	38.6	0.69	27.10	23.12	57.60	4.02	4.86	7.82	6
2014/08/22	ME	DS5	11:14:00	T	1.0	287.8	0.55	28.03	17.84	68.70	4.87	3.76	7.80	4
2014/08/22	ME	DS5	11:15:00	B	11.2	148.2	0.32	25.11	29.78	42.78	2.98	23.44	7.82	14
2014/08/22	ME	DS5	11:16:00	M	6.7	123.0	0.10	26.93	23.79	58.73	4.10	3.36	7.83	6
2014/08/22	ME	DS5	11:17:00	T	1.1	60.6	0.14	28.05	17.84	68.93	4.88	3.66	7.79	5
2014/08/22	ME	US1	11:34:07	B	2.8	84.3	0.44	28.28	19.67	73.21	5.11	9.25	7.82	6
2014/08/22	ME	US1	11:35:00	T	1.1	34.9	0.46	28.40	19.16	74.93	5.24	5.85	7.84	7
2014/08/22	ME	US1	11:37:25	B	2.9	129.5	0.42	28.30	20.15	80.72	5.62	7.65	7.83	6
2014/08/22	ME	US1	11:38:12	T	1.0	175.3	0.74	28.71	17.89	85.99	6.02	5.25	7.90	7
2014/08/22	ME	US1	11:39:00	B	2.9	44.1	0.33	28.29	19.54	72.74	5.08	9.75	7.82	6
2014/08/22	ME	US1	11:40:00	T	1.1	42.6	1.12	28.68	17.98	84.89	5.94	5.45	7.89	7
2014/08/22	ME	US2	11:44:36	B	3.0	280.4	0.89	28.20	20.19	64.28	4.48	8.05	7.75	7
2014/08/22	ME	US2	11:45:19	T	1.0	228.9	0.75	28.88	17.13	90.00	6.31	4.36	7.92	5
2014/08/22	ME	US2	11:46:05	B	2.8	77.5	0.49	28.15	20.51	66.01	4.60	9.35	7.75	7
2014/08/22	ME	US2	11:47:00	T	1.1	71.5	0.52	28.69	18.02	84.35	5.90	4.46	7.89	5
2014/08/22	ME	US2	11:48:59	B	2.6	301.2	0.39	28.22	20.41	59.55	4.15	8.75	7.75	7
2014/08/22	ME	US2	11:50:00	T	0.9	89.8	0.31	28.86	17.42	88.63	6.21	4.36	7.91	5
2014/08/22	ME	MW1	10:26:39	B	18.8	64.1	0.28	24.78	30.77	43.98	3.06	4.06	7.74	6
2014/08/22	ME	MW1	10:27:28	M	10.5	312.9	0.63	26.45	25.30	60.34	4.21	2.09	7.79	4
2014/08/22	ME	MW1	10:28:18	T	1.2	85.8	0.93	28.13	17.85	78.68	5.56	1.84	7.78	3
2014/08/22	ME	MW1	10:29:39	B	19.1	109.7	0.56	24.79	30.76	43.04	3.00	4.12	7.80	6
2014/08/22	ME	MW1	10:30:24	M	10.6	147.8	0.80	26.96	22.92	64.02	4.49	2.06	7.81	4
2014/08/22	ME	MW1	10:31:10	T	1.1	88.2	0.32	28.08	18.04	78.83	5.57	1.82	7.80	3
2014/08/22	ME	MW1	10:32:16	B	19.0	86.4	0.40	24.88	30.53	43.47	3.03	4.14	7.81	6
2014/08/22	ME	MW1	10:33:03	M	10.4	144.7	0.06	27.26	22.16	66.44	4.66	1.71	7.82	4
2014/08/22	ME	MW1	10:33:57	T	1.3	146.8	0.44	28.07	18.84	76.46	5.38	1.71	7.80	3
2014/08/22	ME	THB1	11:36:16	B	2.9	191.0	0.04	27.72	21.51	56.20	3.92	4.15	7.69	8
2014/08/22	ME	THB1	11:37:02	T	1.0	238.9	1.56	28.95	17.63	91.04	6.36	3.54	7.86	8
2014/08/22	ME	THB1	11:37:31	B	2.9	195.8	0.33	28.00	20.11	64.24	4.50	4.21	7.72	8
2014/08/22	ME	THB1	11:38:15	T	0.8	320.8	1.51	29.06	17.39	92.63	6.46	3.41	7.87	8
2014/08/22	ME	THB1	11:39:00	B	2.9	206.3	0.98	27.57	22.00	56.79	3.96	4.00	7.70	8
2014/08/22	ME	THB1	11:39:45	T	0.9	185.7	0.24	29.06	17.41	91.85	6.41	4.13	7.86	8
2014/08/22	ME	WSR45C	11:10:19	B	12.2	309.8	0.29	24.85	30.70	39.26	2.73	15.91	7.76	12
2014/08/22	ME	WSR45C	11:11:04	M	7.0	66.2	0.83	26.06	27.27	45.53	3.16	3.95	7.76	4
2014/08/22	ME	WSR45C	11:12:03	T	1.1	52.5	1.18	28.45	15.79	72.33	5.15	3.54	7.71	3
2014/08/22	ME	WSR45C	11:12:56	B	12.1	58.1	1.82	24.85	30.72	39.08	2.72	15.65	7.77	11
2014/08/22	ME	WSR45C	11:13:32	M	7.1	102.1	0.40	25.93	27.66	44.16	3.07	4.76	7.75	4
2014/08/22	ME	WSR45C	11:14:47	T	1.2	45.6	0.62	28.38	16.18	71.42	5.08	3.55	7.71	3
2014/08/22	ME	WSR45C	11:15:35	B	12.1	239.1	0.18	24.86	30.72	39.37	2.74	16.39	7.77	12
2014/08/22	ME	WSR45C	11:16:30	M	6.7	8.6	1.22	26.52	25.77	51.44	3.58	3.33	7.76	4
2014/08/22	ME	WSR45C	11:17:07	T	0.8	41.5	1.22	28.58	15.16	71.80	5.11	3.62	7.71	3
2014/08/22	ME	WSR46	11:58:20	B	8.3	117.9	0.26	26.50	25.96	46.24	3.21	6.45	7.70	9
2014/08/22	ME	WSR46	11:59:09	M	4.6	244.1	0.17	28.18	18.49	60.09	4.23	2.75	7.66	13
2014/08/22	ME	WSR46	11:59:52	T	1.1	132.7	0.55	29.38	13.74	75.78	5.37	3.81	7.66	4
2014/08/22	ME	WSR46	12:00:51	B	8.3	118.1	0.99	26.36	26.51	44.51	3.09	7.21	7.70	9
2014/08/22	ME	WSR46	12:01:39	M	5.6	192.5	1.00	27.69	18.06	54.54	3.88	3.39	7.67	14
2014/08/22	ME	WSR46												

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/26	MF	DS1	18:43:25	B	2.1	188.8	1.21	28.50	20.36	88.75	6.15	8.38	7.88	12
2014/08/26	MF	DS1	18:44:12	T	1.0	94.2	0.29	28.48	20.18	86.21	5.98	7.49	7.86	10
2014/08/26	MF	DS1	18:44:55	B	2.0	198.3	0.36	28.49	20.30	86.38	5.99	8.86	7.87	13
2014/08/26	MF	DS1	18:45:39	T	1.0	330.5	0.35	28.47	20.19	85.30	5.92	7.59	7.86	9
2014/08/26	MF	DS1	18:46:20	B	2.0	273.6	0.50	28.49	20.37	86.60	6.00	8.30	7.87	13
2014/08/26	MF	DS1	18:47:07	T	0.9	280.5	0.20	28.47	20.37	86.17	5.97	7.84	7.87	10
2014/08/26	MF	DS2	18:52:15	B	4.1	206.7	0.70	28.56	21.45	99.35	6.84	9.48	7.97	11
2014/08/26	MF	DS2	18:52:47	M	3.1	66.8	0.46	28.77	20.65	101.79	7.01	7.70	7.98	13
2014/08/26	MF	DS2	18:53:29	T	0.8	191.1	0.62	28.73	20.44	98.61	6.80	7.33	7.95	12
2014/08/26	MF	DS2	18:54:09	B	4.2	76.7	0.29	28.63	21.28	98.85	6.80	9.17	7.97	11
2014/08/26	MF	DS2	18:54:33	M	2.9	259.8	0.59	28.74	20.49	98.95	6.82	7.87	7.96	14
2014/08/26	MF	DS2	18:55:01	T	1.1	133.6	0.52	28.72	20.45	97.91	6.76	8.13	7.93	11
2014/08/26	MF	DS2	18:55:44	B	4.1	298.4	0.40	28.50	21.24	94.33	6.50	8.75	7.93	12
2014/08/26	MF	DS2	18:56:27	M	2.9	275.3	0.33	28.73	20.48	98.36	6.79	7.07	7.94	14
2014/08/26	MF	DS2	18:57:07	T	0.9	255.6	0.39	28.74	20.45	98.42	6.79	7.06	7.94	12
2014/08/26	MF	DS3	19:01:43	B	5.2	143.2	0.74	27.62	22.75	69.04	4.79	10.30	7.79	16
2014/08/26	MF	DS3	19:03:04	M	3.5	300.5	0.18	28.01	22.01	75.71	5.24	14.36	7.83	12
2014/08/26	MF	DS3	19:03:55	T	0.8	251.2	0.99	28.82	20.61	105.27	7.25	7.86	7.99	11
2014/08/26	MF	DS3	19:04:52	B	5.0	262.2	0.26	27.48	23.07	67.60	4.69	10.86	7.80	16
2014/08/26	MF	DS3	19:05:22	M	3.5	258.5	0.20	28.02	22.03	76.74	5.31	14.40	7.85	12
2014/08/26	MF	DS3	19:06:06	T	0.8	256.9	1.16	28.80	20.60	102.88	7.08	8.15	7.98	11
2014/08/26	MF	DS3	19:06:59	B	4.9	123.6	0.43	27.78	22.47	71.45	4.95	9.32	7.82	16
2014/08/26	MF	DS3	19:07:40	M	3.4	66.1	0.84	27.89	22.22	72.84	5.05	11.62	7.82	13
2014/08/26	MF	DS3	19:08:36	T	0.8	207.7	0.14	28.77	20.58	102.06	7.03	7.83	7.97	11
2014/08/26	MF	DS4	19:14:48	B	2.0	75.5	0.18	28.85	20.89	108.46	7.45	6.23	8.02	9
2014/08/26	MF	DS4	19:15:19	T	1.1	315.0	0.04	28.97	20.76	113.51	7.79	5.59	8.04	8
2014/08/26	MF	DS4	19:15:47	B	2.1	277.1	1.17	28.68	21.15	103.46	7.12	6.52	7.99	9
2014/08/26	MF	DS4	19:16:14	T	1.1	282.7	0.82	28.94	20.76	111.98	7.69	5.53	8.03	8
2014/08/26	MF	DS4	19:16:44	B	2.0	138.1	1.78	28.61	21.26	99.78	6.87	7.24	7.97	9
2014/08/26	MF	DS4	19:17:12	T	1.0	246.0	0.28	28.92	20.80	111.22	7.63	5.80	8.03	8
2014/08/26	MF	DS5	19:21:44	M	1.5	79.0	0.47	28.88	20.90	106.00	7.28	17.81	8.01	14
2014/08/26	MF	DS5	19:22:09	M	1.5	79.0	0.47	28.88	20.90	105.72	7.26	15.96	8.01	15
2014/08/26	MF	DS5	19:22:36	M	1.5	79.0	0.47	28.89	20.89	105.94	7.27	16.37	8.01	13
2014/08/26	MF	US1	19:56:37	B	4.0	246.4	0.80	27.21	23.49	59.37	4.13	12.26	7.75	14
2014/08/26	MF	US1	19:57:26	M	2.8	195.3	0.66	27.44	22.67	60.31	4.20	10.68	7.74	13
2014/08/26	MF	US1	19:58:33	T	0.9	227.0	0.17	28.32	20.09	74.56	5.19	3.97	7.78	6
2014/08/26	MF	US1	19:59:05	B	4.2	349.0	0.43	27.14	23.71	58.59	4.08	14.35	7.75	14
2014/08/26	MF	US1	19:59:53	M	3.2	313.7	0.71	27.25	23.29	58.23	4.05	11.96	7.74	12
2014/08/26	MF	US1	20:00:36	T	0.8	189.5	0.39	28.46	19.87	76.30	5.31	3.36	7.79	7
2014/08/26	MF	US1	20:01:39	B	4.0	270.0	0.74	27.20	23.49	57.80	4.02	12.89	7.74	14
2014/08/26	MF	US1	20:02:14	M	2.9	294.0	1.14	27.68	21.99	63.34	4.41	9.60	7.75	13
2014/08/26	MF	US1	20:02:57	T	1.0	174.9	0.56	28.51	19.69	76.99	5.35	3.07	7.79	6
2014/08/26	MF	US2	20:07:53	B	6.0	263.2	1.02	27.24	23.87	63.74	4.42	10.81	7.77	10
2014/08/26	MF	US2	20:08:39	M	4.0	191.9	0.27	28.03	21.78	75.64	5.24	3.12	7.80	4
2014/08/26	MF	US2	20:09:23	T	0.8	126.0	0.47	28.47	19.96	78.14	5.43	2.75	7.79	8
2014/08/26	MF	US2	20:10:09	B	6.0	262.1	0.17	27.39	23.67	68.92	4.78	8.90	7.79	10
2014/08/26	MF	US2	20:10:52	M	4.2	246.2	0.46	27.98	21.94	74.39	5.16	3.45	7.80	4
2014/08/26	MF	US2	20:11:38	T	1.1	313.9	0.25	28.43	20.21	83.08	5.77	2.72	7.82	8
2014/08/26	MF	US2	20:12:30	B	6.0	261.0	0.69	27.54	23.38	69.98	4.85	7.63	7.79	9
2014/08/26	MF	US2	20:13:20	M	4.2	59.3	0.11	28.26	21.33	82.07	5.68	2.77	7.84	4
2014/08/26	MF	US2	20:13:51	T	1.0	40.6	1.03	28.51	19.79	80.78	5.61	2.71	7.80	8
2014/08/26	MF	MW1	21:03:50	B	18.0	204.6	0.12	25.62	28.61	51.99	3.61	11.77	7.78	14
2014/08/26	MF	MW1	21:05:01	M	9.5	149.6	0.29	25.69	28.43	53.13	3.69	12.83	7.79	15
2014/08/26	MF	MW1	21:06:03	T	1.2	359.7	0.70	26.73	25.64	60.67	4.21	4.58	7.78	6
2014/08/26	MF	MW1	21:07:05	B	18.0	229.7	0.42	25.57	28.73	51.30	3.57	12.48	7.78	13
2014/08/26	MF	MW1	21:07:51	M	10.0	24.6	0.43	25.75	28.29	53.88	3.74	11.77	7.79	15
2014/08/26	MF	MW1	21:08:41	T	1.1	238.2	0.57	26.73	25.63	59.82	4.15	4.64	7.78	6
2014/08/26	MF	MW1	21:09:44	B	18.1	319.6	0.29	25.60	28.68	51.81	3.60	12.23	7.79	13
2014/08/26	MF	MW1	21:10:30	M	10.1	331.6	0.49	25.78	28.22	54.16	3.76	10.30	7.79	15
2014/08/26	MF	MW1	21:11:20	T	1.1	243.1	0.27	26.62	25.97	60.00	4.16	4.34	7.79	6
2014/08/26	MF	THB1	18:22:45	B	1.9	62.2	0.43	28.77	21.17	106.16	7.29	10.28	8.01	15
2014/08/26	MF	THB1	18:23:28	T	0.9	199.9	0.12	28.83	21.09	110.14	7.56	9.10	8.03	14
2014/08/26	MF	THB1	18:24:07	B	2.1	237.7	0.44	28.83	21.09	109.90	7.54	9.05	8.03	16
2014/08/26	MF	THB1	18:24:37	T	1.0	255.2	0.42	28.81	21.12	108.59	7.45	10.15	8.03	14
2014/08/26	MF	THB1	18:25:13	B	2.0	324.7	0.44	28.81	21.11	108.98	7.48	10.26	8.03	15
2014/08/26	MF	THB1	18:26:08	T	1.0	275.3	1.11	28.81	21.11	109.09	7.49	9.86	8.03	13
2014/08/26	MF	THB2	18:25:11	M	0.9	40.0	0.03	29.78	20.14	118.01	8.01	14.41	7.99	9
2014/08/26	MF	THB2	18:26:00	M	0.9	40.0	0.03	29.79	20.12	119.22	8.10	15.91	7.99	8
2014/08/26	MF	THB2	18:27:00	M	0.9	40.0	0.03	29.80	20.10	122.43	8.31	13.91	8.01	8
2014/08/26	MF	WSR45C	20:26:08	B	11.5	7.3	0.57	26.10	27.03	53.86	3.75	15.19	7.77	17
2014/08/26	MF	WSR45C	20:26:56	M	7.0	283.0	0.13	26.23	26.66	54.57	3.79	12.91	7.77	15
2014/08/26	MF	WSR45C	20:27:44	T	1.0	285.6	0.20	27.77	22.39	73.30	5.09	5.02	7.80	8
2014/08/26	MF	WSR45C	20:28:30	B	11.9	130.7	1.34	26.00	27.33	52.74	3.67	15.40	7.77	18
2014/08/26	MF	WSR45C	20:29:11	M	7.0	164.8	0.40	26.26	26.58	54.73	3.80	12.16	7.77	16
2014/08/26	MF	WSR45C	20:29:54	T	0.8	47.8	0.26	28.33	20.64	75.09	5.21	4.87	7.79	8
2014/08/26	MF	WSR45C	20:30:46	B	11.9	125.3	0.60	25.97	27.43	52.13	3.62	17.70	7.77	17
2014/08/26	MF	WSR45C	20:31:29	M	7.1	123.4	0.11	26.19	26.78	53.80	3.74	13.25	7.77	15
2014/08/26	MF	WSR45C	20:32:09	T	0.9	96.8	1.01	28.20	20.84	73.63	5.11	5.03	7.79	8
2014/08/26	MF	WSR46	17:52:29	B	7.9	307.8	0.56	26.95	24.01	60.44	4.21	10.87	7.62	10
2014/08/26	MF	WSR46	17:53:19	M	4.9	131.6	0.71	27.97	20.51	64.30	4.49	5.03	7.69	5
2014/08/26	MF	WSR46	17:54:06	T	0.9	209.2	0.66	28.92	18.61	85.29	5.93	2.49	7.80	5
2014/08/26	MF	WSR46	17:54:55	B	7.7	83.9	0.28	27.05	23.57	59.18	4.13	9.36	7.74	10
2014/08/26	MF	WSR46	17:55:44	M	4.9	65.4	0.77	27.98	20.48	63.97	4.47	4.55	7.72	5
2014/08/26	MF	WSR46	17:56:31	T	1.0	283.2	0.81	28.82	18.79	81.61	5.67	2.61	7.80	5
2014/08/26	MF	WSR46	17:57:21	B	7.8	74.0	0.41	27.07	23.59	59.34	4.14	9.31	7.76	11
2014/08/26	MF	WSR46	17:57:54	M	5.0</									

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/26	ME	DS1	14:04:52	B	3.1	240.7	0.83	28.06	21.65	76.25	5.29	9.85	7.88	12
2014/08/26	ME	DS1	14:05:20	T	1.1	8.7	1.13	28.81	20.62	102.63	7.06	6.97	7.97	10
2014/08/26	ME	DS1	14:08:47	B	2.9	79.3	0.44	28.19	21.46	81.55	5.65	7.91	7.89	11
2014/08/26	ME	DS1	14:09:33	T	1.2	327.1	0.13	28.99	20.44	108.43	7.45	4.92	7.99	10
2014/08/26	ME	DS1	14:10:07	B	2.8	51.1	0.77	28.72	20.73	103.28	7.12	5.38	7.96	13
2014/08/26	ME	DS1	14:10:54	T	1.0	230.7	0.68	28.91	20.51	109.16	7.51	5.37	7.99	10
2014/08/26	ME	DS2	14:15:48	B	10.0	357.6	0.10	25.87	27.29	53.69	3.74	8.13	7.77	11
2014/08/26	ME	DS2	14:16:29	M	5.9	195.6	0.41	27.41	22.76	68.20	4.75	4.70	7.79	7
2014/08/26	ME	DS2	14:17:11	T	0.8	315.1	0.70	29.21	20.13	111.05	7.61	6.15	8.00	8
2014/08/26	ME	DS2	14:17:59	B	10.0	264.5	0.34	25.81	27.53	53.64	3.74	12.72	7.77	11
2014/08/26	ME	DS2	14:18:44	M	5.9	234.4	0.55	27.27	23.11	67.06	4.67	4.49	7.79	7
2014/08/26	ME	DS2	14:19:32	T	1.0	242.3	0.85	29.18	20.16	111.38	7.64	5.62	8.01	8
2014/08/26	ME	DS2	14:20:25	B	10.0	246.3	0.24	25.84	27.44	54.24	3.78	12.05	7.77	11
2014/08/26	ME	DS2	14:21:09	M	6.0	154.7	0.47	27.31	22.99	68.10	4.75	4.15	7.79	7
2014/08/26	ME	DS2	14:21:54	T	1.1	43.4	0.23	29.04	20.24	112.36	7.72	4.71	8.01	9
2014/08/26	ME	DS3	14:27:11	B	7.3	95.0	0.53	26.77	24.71	63.50	4.42	11.82	7.78	11
2014/08/26	ME	DS3	14:27:50	M	4.3	216.6	0.08	27.61	22.37	73.20	5.09	4.05	7.80	4
2014/08/26	ME	DS3	14:28:42	T	0.9	39.1	0.44	28.62	20.31	92.76	6.42	4.98	7.88	8
2014/08/26	ME	DS3	14:29:37	B	7.1	257.3	0.28	26.83	24.48	63.64	4.43	10.98	7.78	10
2014/08/26	ME	DS3	14:30:24	M	4.3	172.3	0.38	27.69	22.15	75.18	5.23	4.36	7.82	4
2014/08/26	ME	DS3	14:31:10	T	1.0	268.3	0.66	28.98	19.76	98.32	6.78	4.63	7.91	8
2014/08/26	ME	DS3	14:31:57	B	7.0	252.6	0.35	27.44	22.86	70.72	4.92	5.52	7.80	12
2014/08/26	ME	DS3	14:32:39	M	4.5	59.6	0.34	28.48	20.59	88.23	6.11	5.92	7.89	5
2014/08/26	ME	DS3	14:33:26	T	0.9	113.3	0.32	28.98	19.82	99.11	6.83	4.55	7.92	8
2014/08/26	ME	DS4	14:37:45	B	8.0	124.4	0.65	27.34	23.25	70.42	4.90	4.48	7.79	7
2014/08/26	ME	DS4	14:38:36	M	4.6	170.7	0.33	28.59	20.64	100.51	6.94	4.77	7.89	8
2014/08/26	ME	DS4	14:39:07	T	1.4	201.5	1.12	29.01	18.97	87.41	6.05	3.67	7.82	4
2014/08/26	ME	DS4	14:39:54	B	7.9	41.3	0.59	27.30	23.34	68.41	4.76	4.69	7.78	7
2014/08/26	ME	DS4	14:40:34	M	4.9	155.3	0.12	28.11	21.32	83.17	5.77	4.64	7.83	8
2014/08/26	ME	DS4	14:41:22	T	0.8	138.3	0.88	29.01	18.82	83.02	5.75	4.13	7.78	4
2014/08/26	ME	DS4	14:42:39	B	8.1	135.1	0.81	26.90	24.12	59.92	4.18	9.95	7.74	7
2014/08/26	ME	DS4	14:43:28	M	4.8	77.5	0.68	27.92	21.78	76.04	5.28	5.34	7.81	8
2014/08/26	ME	DS4	14:44:14	T	1.0	353.4	0.20	28.92	18.97	80.83	5.61	4.85	7.77	4
2014/08/26	ME	DS5	14:48:33	B	10.2	125.4	0.89	26.84	24.44	61.78	4.30	8.96	7.76	9
2014/08/26	ME	DS5	14:49:08	M	5.6	40.3	0.90	27.91	21.78	76.57	5.32	4.76	7.80	7
2014/08/26	ME	DS5	14:49:56	T	1.0	44.6	0.56	28.97	18.49	77.84	5.41	3.46	7.75	6
2014/08/26	ME	DS5	14:51:19	B	9.6	51.5	0.40	26.83	24.41	59.41	4.14	10.95	7.75	10
2014/08/26	ME	DS5	14:52:04	M	6.3	72.4	0.52	27.88	21.74	73.71	5.12	6.39	7.79	7
2014/08/26	ME	DS5	14:52:46	T	0.7	103.7	1.05	29.01	18.39	79.39	5.51	3.08	7.75	6
2014/08/26	ME	DS5	14:53:29	B	10.3	71.6	0.53	26.81	24.42	59.80	4.17	10.50	7.75	9
2014/08/26	ME	DS5	14:54:15	M	6.1	151.9	0.56	28.11	21.21	77.93	5.41	5.64	7.81	7
2014/08/26	ME	DS5	14:54:58	T	0.9	102.2	0.91	29.11	19.02	75.80	5.27	4.04	7.75	6
2014/08/26	ME	US1	13:54:36	B	3.0	3.3	0.16	27.14	23.54	63.58	4.43	10.35	7.78	13
2014/08/26	ME	US1	13:55:08	T	1.0	93.8	0.32	28.83	20.58	102.10	7.03	9.17	7.97	14
2014/08/26	ME	US1	13:56:30	B	2.9	22.5	0.69	28.04	21.65	84.96	5.89	16.06	7.88	13
2014/08/26	ME	US1	13:57:16	T	0.8	331.1	0.67	28.96	20.55	107.09	7.36	6.36	7.99	14
2014/08/26	ME	US1	13:57:58	B	3.0	174.2	0.62	27.22	23.41	65.20	4.54	12.71	7.79	12
2014/08/26	ME	US1	13:58:42	T	0.8	349.8	0.88	28.77	20.70	104.15	7.17	7.34	7.98	14
2014/08/26	ME	US2	13:46:31	B	3.3	97.9	0.76	27.29	23.26	65.68	4.57	9.00	7.80	12
2014/08/26	ME	US2	13:47:38	T	1.1	171.4	0.15	28.27	21.20	87.58	6.06	10.90	7.90	11
2014/08/26	ME	US2	13:48:17	B	2.9	260.9	1.02	27.59	22.57	69.74	4.85	10.49	7.80	11
2014/08/26	ME	US2	13:48:41	T	0.9	114.0	0.42	28.81	20.34	98.22	6.77	11.56	7.95	11
2014/08/26	ME	US2	13:49:07	B	3.1	110.9	0.35	27.86	21.94	78.95	5.48	10.89	7.82	12
2014/08/26	ME	US2	13:49:31	T	0.9	338.2	0.26	28.98	20.15	100.72	6.93	10.87	7.97	12
2014/08/26	ME	MW1	12:02:34	B	19.4	44.1	0.91	25.30	29.14	52.63	3.67	5.56	7.75	7
2014/08/26	ME	MW1	12:03:24	M	10.4	318.7	0.26	26.62	28.44	58.92	4.10	3.16	7.78	6
2014/08/26	ME	MW1	12:04:15	T	0.9	75.5	0.89	27.18	24.38	75.12	5.21	2.37	7.83	4
2014/08/26	ME	MW1	12:05:47	B	19.1	185.8	0.47	25.33	29.06	52.99	3.69	5.71	7.79	7
2014/08/26	ME	MW1	12:06:43	M	10.5	66.6	0.44	25.67	28.25	58.54	4.07	3.13	7.81	6
2014/08/26	ME	MW1	12:07:29	T	0.8	76.4	0.92	27.73	22.95	79.70	5.52	2.24	7.85	4
2014/08/26	ME	MW1	12:08:42	B	19.2	52.6	0.71	25.57	28.54	57.39	3.99	3.87	7.82	7
2014/08/26	ME	MW1	12:09:31	M	10.5	140.9	0.34	25.60	28.43	56.96	3.96	3.21	7.81	6
2014/08/26	ME	MW1	12:10:25	T	0.6	68.8	0.68	28.01	22.48	82.15	5.67	2.05	7.86	4
2014/08/26	ME	THB1	13:25:19	B	3.0	218.3	0.55	28.30	21.14	88.50	6.13	7.20	7.90	12
2014/08/26	ME	THB1	13:26:08	T	0.9	352.5	1.19	28.58	20.55	104.48	7.22	5.27	7.99	8
2014/08/26	ME	THB1	13:27:01	B	3.0	34.5	0.43	28.01	21.72	71.79	4.98	11.42	7.81	13
2014/08/26	ME	THB1	13:27:50	T	1.0	174.4	1.22	28.70	20.44	105.38	7.27	5.28	7.98	8
2014/08/26	ME	THB1	13:28:32	B	2.9	98.4	0.29	28.11	21.53	79.38	5.50	7.55	7.85	12
2014/08/26	ME	THB1	13:29:00	T	0.9	250.8	0.68	28.69	20.40	104.25	7.20	4.99	7.99	8
2014/08/26	ME	THB2	13:30:18	M	1.3	40.0	0.03	28.79	20.38	81.03	5.59	9.62	7.85	5
2014/08/26	ME	THB2	13:31:01	M	1.3	40.0	0.03	28.86	20.29	82.88	5.71	8.72	7.88	5
2014/08/26	ME	THB2	13:32:01	M	1.3	40.0	0.03	28.88	20.26	82.80	5.70	8.72	7.89	5
2014/08/26	ME	WSR45C	12:51:11	B	12.6	87.3	0.41	26.87	24.23	62.55	4.36	11.26	7.79	10
2014/08/26	ME	WSR45C	12:51:44	M	7.0	92.5	1.12	27.27	22.95	66.67	4.65	5.04	7.80	6
2014/08/26	ME	WSR45C	12:52:26	T	1.1	147.6	0.58	28.71	19.37	84.83	5.89	2.83	7.84	3
2014/08/26	ME	WSR45C	12:53:29	B	12.3	42.3	0.51	27.00	23.79	63.27	4.41	7.60	7.79	10
2014/08/26	ME	WSR45C	12:54:18	M	6.9	56.7	0.45	27.29	22.96	67.48	4.70	5.40	7.80	6
2014/08/26	ME	WSR45C	12:55:03	T	1.1	3.9	0.10	28.46	19.98	82.79	5.75	3.00	7.84	3
2014/08/26	ME	WSR45C	12:55:49	B	12.2	23.3	0.33	27.05	23.74	64.67	4.51	5.95	7.80	10
2014/08/26	ME	WSR45C	12:56:34	M	7.1	56.3	0.77	27.23	23.14	65.98	4.60	5.80	7.80	6
2014/08/26	ME	WSR45C	12:57:17	T	1.0	41.2	1.09	28.89	19.24	84.81	5.88	2.48	7.84	3
2014/08/26	ME	WSR46	15:12:30	B	7.8	102.5	1.53	26.88	23.92	50.53	3.53	24.30	7.69	28
2014/08/26	ME	WSR46	15:13:23	M	4.7	77.0	0.81	27.65	21.07	58.43	4.09	5.58	7.69	7
2014/08/26	ME	WSR46	15:14:08	T	1.1	102.3	0.91	29.26	17.63	78.73	5.47	2.33	7.74	3
2014/08/26	ME	WSR46	15:15:00	B	8.0	38.5	0.77	26.90	23.92	50.44	3.52	23.21	7.69	25
2014/08/26	ME	WSR46	15:15:33	M	5.4	72.1	0.30	27.61	21.20	57.17	4.00	6.		

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/28	MF	DS1	08:33:24	B	3.1	300.2	0.98	27.43	23.14	68.99	4.79	7.60	7.70	9
2014/08/28	MF	DS1	08:34:08	T	1.0	276.5	1.13	27.55	22.67	74.03	5.15	5.78	7.71	7
2014/08/28	MF	DS1	08:34:42	B	2.9	211.1	0.49	27.43	23.16	68.79	4.78	8.19	7.70	9
2014/08/28	MF	DS1	08:35:32	T	0.9	233.2	0.97	27.55	22.70	73.84	5.13	5.66	7.71	7
2014/08/28	MF	DS1	08:36:17	B	3.1	223.8	0.24	27.46	23.03	69.89	4.86	7.87	7.71	9
2014/08/28	MF	DS1	08:37:00	T	0.9	140.8	0.45	27.54	22.72	73.41	5.10	5.78	7.71	7
2014/08/28	MF	DS2	08:42:59	B	3.0	54.2	0.91	27.50	22.91	71.84	5.00	7.24	7.71	8
2014/08/28	MF	DS2	08:43:42	T	0.9	313.3	0.75	27.53	22.73	74.09	5.15	6.50	7.71	7
2014/08/28	MF	DS2	08:44:24	B	3.0	17.3	0.34	27.51	22.83	72.77	5.06	8.96	7.71	8
2014/08/28	MF	DS2	08:45:09	T	1.0	190.3	0.80	27.50	22.81	73.38	5.10	6.86	7.71	7
2014/08/28	MF	DS2	08:45:41	B	3.1	12.0	0.29	27.52	22.78	73.98	5.14	6.71	7.71	7
2014/08/28	MF	DS2	08:46:25	T	0.9	9.3	0.40	27.52	22.77	74.44	5.18	6.49	7.71	7
2014/08/28	MF	DS3	08:56:43	B	4.8	218.3	0.79	27.59	22.60	75.13	5.22	7.74	7.72	6
2014/08/28	MF	DS3	08:57:28	M	3.7	286.2	0.22	27.58	22.58	76.10	5.29	6.27	7.72	9
2014/08/28	MF	DS3	08:58:04	T	0.9	293.3	0.29	27.62	22.50	77.42	5.38	5.38	7.73	8
2014/08/28	MF	DS3	08:58:57	B	5.0	152.4	0.17	27.56	22.72	72.50	5.04	7.79	7.71	6
2014/08/28	MF	DS3	08:59:41	M	3.6	111.6	0.53	27.63	22.47	77.91	5.42	5.35	7.73	9
2014/08/28	MF	DS3	09:00:25	T	1.2	260.2	0.23	27.64	22.47	78.22	5.44	5.24	7.73	8
2014/08/28	MF	DS3	09:02:24	B	4.9	107.3	0.64	27.56	22.97	66.36	4.61	10.36	7.70	6
2014/08/28	MF	DS3	09:03:05	M	3.4	229.8	1.82	27.55	22.66	74.34	5.17	6.47	7.71	9
2014/08/28	MF	DS3	09:03:48	T	1.0	38.4	0.18	27.66	22.45	78.26	5.44	5.03	7.72	7
2014/08/28	MF	DS4	09:08:40	B	6.0	103.0	0.33	27.66	22.87	68.30	4.73	7.47	7.72	11
2014/08/28	MF	DS4	09:09:06	M	4.0	100.2	0.39	27.81	22.23	78.49	5.31	7.77	7.73	8
2014/08/28	MF	DS4	09:09:40	T	1.0	272.9	0.54	27.89	22.14	80.83	5.60	6.68	7.76	9
2014/08/28	MF	DS4	09:10:44	B	6.1	237.6	0.58	27.80	23.12	65.00	4.50	8.74	7.70	11
2014/08/28	MF	DS4	09:11:23	M	4.1	187.4	0.36	27.86	22.21	77.38	5.37	7.11	7.75	8
2014/08/28	MF	DS4	09:12:03	T	1.1	286.0	1.27	27.93	22.14	81.32	5.63	6.57	7.76	8
2014/08/28	MF	DS4	09:12:52	B	5.9	261.8	0.81	27.62	23.06	66.42	4.60	8.99	7.71	12
2014/08/28	MF	DS4	09:13:40	M	4.0	327.8	0.39	27.85	22.24	77.60	5.38	6.83	7.75	8
2014/08/28	MF	DS4	09:14:16	T	0.8	340.0	0.43	27.93	22.14	81.35	5.64	6.44	7.77	8
2014/08/28	MF	DS5	09:19:06	B	5.4	22.6	0.19	27.89	22.23	74.34	5.15	10.37	7.76	9
2014/08/28	MF	DS5	09:20:08	M	3.5	46.4	0.68	27.97	22.03	80.49	5.58	8.14	7.76	13
2014/08/28	MF	DS5	09:20:48	T	0.9	118.3	0.26	28.00	22.02	81.26	5.63	7.92	7.77	11
2014/08/28	MF	DS5	09:21:36	B	5.0	266.3	0.22	27.70	22.82	72.41	5.02	13.70	7.74	8
2014/08/28	MF	DS5	09:22:17	M	3.4	138.8	0.33	27.98	22.03	79.75	5.52	8.19	7.76	13
2014/08/28	MF	DS5	09:22:49	T	0.7	172.3	0.14	28.04	22.02	80.48	5.57	7.82	7.76	11
2014/08/28	MF	DS5	09:23:24	B	5.0	181.6	0.43	27.78	22.56	73.86	5.12	11.85	7.74	9
2014/08/28	MF	DS5	09:24:06	M	3.6	108.7	0.35	27.97	22.03	79.61	5.52	8.60	7.76	13
2014/08/28	MF	DS5	09:24:42	T	1.0	245.5	0.24	28.03	22.02	80.86	5.60	8.04	7.76	12
2014/08/28	MF	US1	09:41:06	B	4.9	200.2	0.50	26.87	25.72	66.72	3.93	19.74	7.69	21
2014/08/28	MF	US1	09:41:31	M	3.7	200.8	0.58	26.85	25.24	55.97	3.88	21.89	7.69	22
2014/08/28	MF	US1	09:41:58	T	0.9	253.1	0.56	27.19	24.11	64.07	4.45	7.61	7.70	18
2014/08/28	MF	US1	09:42:39	B	5.1	116.7	0.22	26.83	25.33	55.59	3.85	27.73	7.69	21
2014/08/28	MF	US1	09:43:07	M	3.4	6.2	0.04	26.90	25.08	56.11	3.89	17.45	7.69	23
2014/08/28	MF	US1	09:43:41	T	0.9	313.8	0.83	27.22	24.08	64.85	4.50	6.98	7.70	18
2014/08/28	MF	US1	09:44:14	B	4.9	146.0	0.36	26.80	25.40	56.16	3.89	22.24	7.69	20
2014/08/28	MF	US1	09:44:45	M	3.8	246.6	0.15	27.15	24.32	62.54	4.34	7.91	7.70	22
2014/08/28	MF	US1	09:45:24	T	1.0	310.2	0.25	27.20	24.16	65.07	4.51	6.83	7.69	18
2014/08/28	MF	US2	09:50:16	B	10.0	198.8	0.20	26.49	26.34	58.59	4.06	5.38	7.71	6
2014/08/28	MF	US2	09:50:45	M	6.1	215.3	0.03	26.94	24.98	62.86	4.36	5.30	7.70	6
2014/08/28	MF	US2	09:51:18	T	0.9	121.7	0.30	27.09	24.62	65.05	4.51	5.79	7.70	6
2014/08/28	MF	US2	09:53:33	B	10.0	251.3	0.38	26.64	25.94	60.70	4.21	6.13	7.71	6
2014/08/28	MF	US2	09:54:05	M	5.9	337.0	0.28	26.86	25.22	62.06	4.30	5.17	7.71	6
2014/08/28	MF	US2	09:54:34	T	0.8	354.0	1.33	27.29	24.17	67.03	4.64	6.65	7.70	6
2014/08/28	MF	US2	09:55:13	B	10.1	187.1	0.36	26.60	26.11	59.95	4.15	6.46	7.71	6
2014/08/28	MF	US2	09:55:44	M	6.0	325.9	0.38	26.87	25.22	61.76	4.28	5.63	7.71	6
2014/08/28	MF	US2	09:56:15	T	0.8	69.9	0.63	27.33	24.13	68.10	4.71	6.37	7.70	6
2014/08/28	MF	MW1	07:17:34	B	18.8	297.5	0.33	25.75	28.83	48.82	3.38	11.96	7.70	17
2014/08/28	MF	MW1	07:18:19	M	10.6	121.9	0.16	26.42	26.73	56.84	3.94	6.21	7.71	8
2014/08/28	MF	MW1	07:19:04	T	1.1	359.0	0.18	27.29	23.68	68.24	4.74	4.22	7.71	4
2014/08/28	MF	MW1	07:20:19	B	18.8	138.8	0.20	25.82	28.58	50.44	3.49	12.11	7.72	16
2014/08/28	MF	MW1	07:21:04	M	10.6	220.0	0.67	26.39	26.81	56.55	3.92	6.37	7.73	8
2014/08/28	MF	MW1	07:21:54	T	1.1	336.8	0.19	27.32	23.57	68.26	4.74	4.28	7.72	5
2014/08/28	MF	MW1	07:22:59	B	18.8	162.9	0.38	25.97	28.13	52.32	3.62	9.62	7.73	17
2014/08/28	MF	MW1	07:23:44	M	10.5	123.6	0.27	26.36	26.92	56.33	3.90	6.12	7.73	9
2014/08/28	MF	MW1	07:24:29	T	1.0	139.8	0.13	27.38	23.27	67.49	4.69	4.42	7.72	4
2014/08/28	MF	THB1	08:21:41	B	3.1	319.2	0.62	27.53	22.95	68.52	4.76	6.16	7.70	12
2014/08/28	MF	THB1	08:22:18	T	1.1	248.2	0.22	27.51	22.99	68.82	4.78	6.35	7.70	7
2014/08/28	MF	THB1	08:22:55	B	3.0	16.7	0.51	27.54	22.92	68.82	4.78	5.89	7.70	11
2014/08/28	MF	THB1	08:23:39	T	1.0	327.1	0.71	27.62	22.72	71.77	4.98	5.14	7.71	7
2014/08/28	MF	THB1	08:24:15	B	3.0	100.5	0.45	27.45	23.15	67.60	4.70	7.14	7.70	12
2014/08/28	MF	THB1	08:24:42	T	1.1	224.6	1.04	27.63	22.70	71.98	5.00	5.00	7.71	7
2014/08/28	MF	THB2	08:32:49	M	1.5	40.0	0.04	28.16	21.97	63.19	4.36	10.62	7.66	4
2014/08/28	MF	THB2	08:33:21	M	1.5	40.0	0.05	28.16	21.96	63.68	4.40	10.92	7.67	4
2014/08/28	MF	THB2	08:33:52	M	1.5	40.0	0.04	28.16	21.95	63.98	4.42	10.72	7.68	4
2014/08/28	MF	WSR45C	07:52:39	B	12.2	254.6	0.59	26.79	25.47	60.37	4.19	9.50	7.72	11
2014/08/28	MF	WSR45C	07:53:13	M	6.6	282.9	1.30	27.23	23.81	65.94	4.58	6.84	7.72	8
2014/08/28	MF	WSR45C	07:53:50	T	1.1	217.4	0.92	27.37	23.09	72.61	5.05	5.13	7.72	5
2014/08/28	MF	WSR45C	07:54:44	B	12.0	84.4	0.32	26.79	25.49	60.04	4.16	9.54	7.72	11
2014/08/28	MF	WSR45C	07:55:14	M	7.2	272.2	0.93	27.22	23.84	65.33	4.54	6.73	7.72	8
2014/08/28	MF	WSR45C	07:55:50	T	1.2	233.2	0.44	27.37	23.10	72.67	5.06	5.07	7.72	6
2014/08/28	MF	WSR45C	07:56:39	B	12.3	173.7	0.73	26.71	25.78	58.44	4.05	11.53	7.72	11
2014/08/28	MF	WSR45C	07:57:12	M	7.0	275.6	0.36	27.20	23.91	65.02	4.52	7.05	7.72	8
2014/08/28	MF	WSR45C	07:57:46	T	1.0	70.4	0.38	27.35	23.14	71.61	4.98	5.13	7.72	5
2014/08/28	MF	WSR46	10:09:04	B	10.2	220.3	0.48	26.88	25.07	58.72	4.07	22.17	7.69	20
2014/08/28	MF	WSR46	10:09:32	M	5.7	323.2	0.90	26.98	24.69	60.24	4.18	12.17		

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/28	ME	DS1	14:08:24	B	4.2	69.0	0.87	27.46	23.81	73.83	5.11	18.43	7.76	15
2014/08/28	ME	DS1	14:09:03	M	3.0	122.8	0.49	27.85	23.14	80.20	5.53	6.10	7.78	14
2014/08/28	ME	DS1	14:09:46	T	0.9	232.9	0.21	28.21	22.55	88.25	6.07	5.48	7.81	7
2014/08/28	ME	DS1	14:10:21	B	4.2	326.4	0.26	27.23	24.21	69.47	4.81	9.12	7.74	15
2014/08/28	ME	DS1	14:11:06	M	2.9	54.4	0.40	27.83	23.07	79.84	5.51	12.94	7.77	14
2014/08/28	ME	DS1	14:11:37	T	0.9	126.3	0.30	28.08	22.74	85.00	5.85	6.40	7.79	7
2014/08/28	ME	DS1	14:12:27	B	4.2	190.2	0.61	27.31	23.98	69.71	4.83	10.82	7.74	15
2014/08/28	ME	DS1	14:12:54	M	3.1	60.9	0.55	27.87	23.00	82.26	5.68	7.67	7.76	14
2014/08/28	ME	DS1	14:13:19	T	1.0	21.6	0.29	28.14	22.64	86.74	5.97	5.22	7.80	7
2014/08/28	ME	DS2	14:17:18	B	6.0	37.7	0.27	27.11	24.78	67.43	4.67	11.51	7.74	14
2014/08/28	ME	DS2	14:17:49	M	4.0	19.5	1.00	27.32	24.12	70.69	4.89	8.00	7.74	9
2014/08/28	ME	DS2	14:18:14	T	1.1	18.0	0.17	28.04	22.94	83.13	5.72	5.36	7.76	9
2014/08/28	ME	DS2	14:19:05	B	5.8	155.3	0.27	27.25	24.37	69.58	4.82	8.97	7.74	14
2014/08/28	ME	DS2	14:19:34	M	4.1	244.3	0.21	27.28	24.26	69.95	4.84	8.87	7.73	9
2014/08/28	ME	DS2	14:20:06	T	0.9	307.1	0.14	27.95	23.08	81.55	5.62	5.80	7.76	9
2014/08/28	ME	DS2	14:20:53	B	6.1	58.9	0.56	27.28	24.34	70.37	4.87	8.85	7.73	13
2014/08/28	ME	DS2	14:21:35	M	4.0	138.4	0.40	27.31	24.10	70.32	4.87	7.91	7.73	9
2014/08/28	ME	DS2	14:22:12	T	1.0	9.6	0.59	28.07	22.93	84.62	5.82	5.27	7.77	9
2014/08/28	ME	DS3	14:26:02	B	7.9	339.0	0.14	26.61	26.03	58.30	4.04	15.70	7.72	19
2014/08/28	ME	DS3	14:26:49	M	4.9	24.4	0.64	27.31	24.32	69.84	4.83	7.97	7.73	11
2014/08/28	ME	DS3	14:27:28	T	0.9	285.0	1.50	27.81	23.57	77.07	5.31	7.00	7.74	9
2014/08/28	ME	DS3	14:28:10	B	8.3	70.4	0.37	26.62	26.02	58.24	4.04	16.70	7.72	17
2014/08/28	ME	DS3	14:28:43	M	4.8	107.4	0.32	27.45	24.06	71.43	4.94	7.11	7.74	10
2014/08/28	ME	DS3	14:29:14	T	0.9	308.3	0.78	27.93	23.42	78.17	5.38	7.44	7.74	9
2014/08/28	ME	DS3	14:30:01	B	8.0	28.7	0.51	26.59	26.09	57.29	3.97	17.55	7.72	19
2014/08/28	ME	DS3	14:30:39	M	5.2	69.9	0.72	27.47	24.01	73.04	5.05	6.51	7.74	11
2014/08/28	ME	DS3	14:31:10	T	0.9	335.0	0.62	27.92	23.40	78.42	5.40	7.25	7.75	9
2014/08/28	ME	DS4	14:35:15	B	8.8	75.5	0.86	26.58	26.08	57.33	3.98	22.36	7.71	21
2014/08/28	ME	DS4	14:35:45	M	5.5	43.7	0.10	27.53	24.09	71.57	4.94	9.74	7.73	14
2014/08/28	ME	DS4	14:36:15	T	0.9	294.7	0.11	27.74	23.96	76.25	5.25	6.46	7.75	11
2014/08/28	ME	DS4	14:36:57	B	9.0	52.1	0.48	26.59	26.06	58.66	4.07	22.99	7.72	20
2014/08/28	ME	DS4	14:37:53	M	5.4	84.5	0.64	27.59	24.03	74.30	5.12	8.12	7.74	14
2014/08/28	ME	DS4	14:38:34	T	0.8	288.5	0.72	27.75	23.95	76.81	5.28	6.27	7.75	11
2014/08/28	ME	DS4	14:39:23	B	8.8	337.0	0.11	26.59	26.05	57.36	3.98	24.44	7.72	21
2014/08/28	ME	DS4	14:40:09	M	5.6	136.4	0.65	27.57	24.02	73.94	5.10	9.16	7.74	13
2014/08/28	ME	DS4	14:40:38	T	1.0	311.4	0.36	27.73	23.95	76.15	5.24	6.72	7.75	10
2014/08/28	ME	DS5	14:48:29	B	11.0	37.7	0.14	26.58	26.12	56.96	3.95	21.96	7.71	17
2014/08/28	ME	DS5	14:49:07	M	6.5	307.1	0.78	26.81	25.35	59.02	4.09	23.78	7.71	31
2014/08/28	ME	DS5	14:49:49	T	1.0	24.4	0.10	27.60	23.97	72.76	5.02	14.34	7.73	20
2014/08/28	ME	DS5	14:50:34	B	11.0	123.3	0.77	26.56	26.18	55.12	3.89	22.36	7.71	17
2014/08/28	ME	DS5	14:51:14	M	6.4	111.0	0.12	26.96	24.80	60.01	4.17	24.01	7.71	29
2014/08/28	ME	DS5	14:51:54	T	0.9	9.9	0.49	27.60	23.97	72.83	5.02	14.14	7.73	20
2014/08/28	ME	DS5	14:55:20	B	11.0	63.7	1.30	26.61	25.99	56.58	3.92	18.80	7.71	18
2014/08/28	ME	DS5	14:56:25	M	6.1	60.9	0.90	27.12	24.38	62.03	4.30	27.52	7.71	32
2014/08/28	ME	DS5	14:57:06	T	0.8	9.6	1.21	27.46	23.88	68.85	4.76	21.11	7.72	19
2014/08/28	ME	US1	13:51:49	B	4.0	143.4	1.23	27.39	23.54	68.74	4.77	9.41	7.74	12
2014/08/28	ME	US1	13:52:23	M	2.9	313.5	0.57	27.66	23.02	74.34	5.15	8.53	7.75	12
2014/08/28	ME	US1	13:52:54	T	1.0	108.3	1.07	28.33	22.25	90.93	6.25	6.01	7.83	8
2014/08/28	ME	US1	13:53:40	B	4.3	90.0	1.30	27.41	23.52	68.78	4.77	8.80	7.74	11
2014/08/28	ME	US1	13:54:04	M	3.1	74.2	0.72	27.68	23.09	74.79	5.18	7.94	7.75	12
2014/08/28	ME	US1	13:54:30	T	0.9	245.9	0.52	28.34	22.25	90.23	6.20	5.89	7.82	8
2014/08/28	ME	US1	13:55:09	B	4.0	162.2	0.47	27.42	23.45	68.48	4.75	9.12	7.72	12
2014/08/28	ME	US1	13:55:42	M	3.0	320.7	0.47	28.20	22.37	87.46	6.02	5.94	7.81	11
2014/08/28	ME	US1	13:56:25	T	1.1	262.1	0.77	28.34	22.28	91.72	6.31	7.25	7.83	8
2014/08/28	ME	US2	13:41:47	B	5.8	99.1	0.32	27.15	24.55	65.66	4.55	23.43	7.75	22
2014/08/28	ME	US2	13:42:40	M	3.8	279.0	0.29	27.96	22.73	81.70	5.64	15.75	7.80	20
2014/08/28	ME	US2	13:43:26	T	0.9	228.1	0.09	28.38	22.10	93.20	6.41	7.41	7.84	9
2014/08/28	ME	US2	13:44:09	B	6.1	25.4	0.16	26.86	25.24	59.84	4.16	20.00	7.73	23
2014/08/28	ME	US2	13:44:52	M	3.9	305.9	0.36	27.77	23.05	77.64	5.37	16.51	7.78	19
2014/08/28	ME	US2	13:45:25	T	1.0	72.0	0.77	28.27	22.10	89.57	6.17	7.97	7.83	9
2014/08/28	ME	US2	13:46:07	B	5.8	228.8	0.34	26.85	25.27	58.80	4.08	20.92	7.72	22
2014/08/28	ME	US2	13:46:48	M	4.1	284.7	0.16	27.11	24.57	66.13	4.58	19.16	7.73	20
2014/08/28	ME	US2	13:47:17	T	1.1	223.4	0.17	28.15	22.21	88.16	6.08	8.23	7.81	9
2014/08/28	ME	MW1	15:57:01	B	18.3	152.4	0.14	27.06	25.54	69.09	4.77	7.06	7.73	8
2014/08/28	ME	MW1	15:57:44	M	9.7	119.3	0.36	27.14	25.38	69.40	4.79	5.89	7.72	9
2014/08/28	ME	MW1	15:58:26	T	0.9	118.3	0.53	27.38	24.90	72.81	5.01	4.55	7.72	7
2014/08/28	ME	MW1	15:59:33	B	18.1	37.2	0.50	27.02	25.59	67.95	4.69	6.43	7.71	8
2014/08/28	ME	MW1	16:00:15	M	9.7	22.4	0.90	27.05	25.47	68.14	4.70	5.17	7.71	8
2014/08/28	ME	MW1	16:00:57	T	1.3	32.0	0.91	27.58	24.06	75.28	5.19	4.19	7.71	8
2014/08/28	ME	MW1	16:01:54	B	18.0	0.2	0.76	27.04	25.54	67.75	4.68	7.45	7.71	8
2014/08/28	ME	MW1	16:02:32	M	10.0	44.5	0.55	27.12	25.23	68.26	4.71	4.61	7.70	10
2014/08/28	ME	MW1	16:03:14	T	1.0	71.3	1.21	27.68	23.85	77.41	5.33	4.11	7.71	7
2014/08/28	ME	THB1	13:26:27	B	3.0	12.2	0.46	27.72	22.79	69.12	4.79	10.43	7.75	12
2014/08/28	ME	THB1	13:27:15	T	0.9	318.9	0.91	28.20	22.34	83.76	5.77	5.47	7.81	8
2014/08/28	ME	THB1	13:28:00	B	3.0	37.9	0.57	27.77	22.76	73.41	5.08	8.23	7.75	12
2014/08/28	ME	THB1	13:28:32	T	0.9	103.5	0.31	28.22	22.33	83.61	5.76	5.51	7.80	8
2014/08/28	ME	THB1	13:29:03	B	3.1	67.7	0.99	27.77	22.77	74.71	5.17	8.04	7.76	11
2014/08/28	ME	THB1	13:30:01	T	0.9	88.1	0.73	28.24	22.31	85.10	5.86	5.52	7.81	7
2014/08/28	ME	THB2	13:35:19	M	1.4	40.0	0.05	27.84	22.97	74.03	5.11	7.82	7.70	5
2014/08/28	ME	THB2	13:35:49	M	1.4	40.0	0.04	27.80	23.01	73.23	5.06	8.12	7.70	5
2014/08/28	ME	THB2	13:36:15	M	1.4	40.0	0.04	27.78	23.04	72.93	5.04	8.52	7.71	5
2014/08/28	ME	WSR45C	15:24:55	B	12.0	151.9	0.51	26.73	25.61	58.88	4.08	16.55	7.70	20
2014/08/28	ME	WSR45C	15:25:31	M	7.1	71.5	1.39	26.82	25.38	59.69	4.14	13.18	7.70	16
2014/08/28	ME	WSR45C	15:26:03	T	0.7	301.3	0.16	27.62	24.07	72.38	4.99	10.99	7.72	16
2014/08/28	ME	WSR45C	15:26:51	B	12.2	29.9	0.53	26.74	25.61	58.79	4.08	15.93	7.70	21
2014/08/28	ME	WSR45C	15:27:23	M	6.8	107.7	0.08	26.89	25.23	60.57	4.20	13.23	7.70	

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/30	MF	DS1	09:16:05	B	3.0	205.4	0.74	27.25	22.15	71.83	5.03	10.19	7.67	15
2014/08/30	MF	DS1	09:16:48	T	1.1	345.9	0.19	27.43	21.55	73.11	5.13	8.36	7.67	8
2014/08/30	MF	DS1	09:17:35	B	2.8	262.7	0.41	27.27	22.07	71.68	5.02	11.64	7.66	15
2014/08/30	MF	DS1	09:18:22	T	1.0	64.0	0.39	27.48	21.46	73.51	5.15	7.24	7.66	8
2014/08/30	MF	DS1	09:19:08	B	2.9	168.9	0.61	27.26	22.16	71.36	5.00	10.77	7.66	15
2014/08/30	MF	DS1	09:19:56	T	1.1	222.4	0.69	27.46	21.49	73.33	5.14	7.12	7.66	7
2014/08/30	MF	DS2	09:26:16	B	3.1	255.9	0.12	27.32	22.28	75.42	5.28	8.85	7.67	9
2014/08/30	MF	DS2	09:26:55	T	1.0	139.3	0.56	27.43	21.77	75.47	5.28	7.49	7.67	10
2014/08/30	MF	DS2	09:27:26	B	3.1	43.9	0.67	27.32	22.25	74.53	5.21	9.11	7.68	9
2014/08/30	MF	DS2	09:28:14	T	1.1	266.9	0.43	27.37	21.91	74.29	5.20	10.08	7.67	11
2014/08/30	MF	DS2	09:29:05	B	2.9	147.6	0.33	27.30	22.35	74.04	5.18	9.18	7.68	9
2014/08/30	MF	DS2	09:29:45	T	1.0	274.7	0.59	27.41	21.68	74.24	5.20	9.44	7.67	11
2014/08/30	MF	DS3	09:34:56	B	3.0	241.8	0.37	27.38	23.29	73.55	5.11	13.64	7.68	14
2014/08/30	MF	DS3	09:35:36	T	1.0	290.7	1.26	27.36	22.54	75.48	5.27	8.46	7.71	10
2014/08/30	MF	DS3	09:36:04	B	3.0	299.3	0.44	27.40	23.31	73.85	5.13	14.78	7.69	14
2014/08/30	MF	DS3	09:36:49	T	1.1	284.4	0.48	27.24	22.77	75.46	5.27	7.60	7.69	11
2014/08/30	MF	DS3	09:37:37	B	3.0	308.8	0.11	27.35	23.27	72.91	5.07	10.73	7.68	15
2014/08/30	MF	DS3	09:38:17	T	1.1	165.0	0.54	27.26	22.60	75.13	5.25	9.04	7.68	10
2014/08/30	MF	DS4	09:42:39	B	6.0	61.4	0.42	26.84	24.33	67.15	4.68	15.31	7.68	14
2014/08/30	MF	DS4	09:43:41	M	4.2	250.7	0.70	27.37	23.26	75.67	5.26	11.07	7.70	9
2014/08/30	MF	DS4	09:44:25	T	0.9	71.5	0.91	27.35	22.39	77.06	5.38	6.18	7.69	5
2014/08/30	MF	DS4	09:45:03	B	6.0	97.1	0.46	26.95	24.07	69.57	4.85	14.55	7.69	15
2014/08/30	MF	DS4	09:45:44	M	4.0	62.1	0.26	27.40	23.21	76.42	5.31	9.06	7.70	9
2014/08/30	MF	DS4	09:46:16	T	0.8	300.9	0.36	27.52	21.83	76.97	5.38	6.26	7.69	5
2014/08/30	MF	DS4	09:47:01	B	5.9	150.8	0.77	27.05	23.81	70.85	4.94	12.74	7.69	14
2014/08/30	MF	DS4	09:47:40	M	4.0	46.9	0.35	27.41	23.25	75.90	5.27	9.24	7.70	9
2014/08/30	MF	DS4	09:48:17	T	0.9	303.5	0.58	27.45	22.23	76.97	5.37	5.99	7.69	5
2014/08/30	MF	DS5	09:52:50	B	5.2	353.4	0.11	27.33	23.24	77.87	5.42	6.89	7.70	5
2014/08/30	MF	DS5	09:53:32	M	3.6	282.7	0.18	27.51	22.67	80.77	5.62	5.01	7.71	6
2014/08/30	MF	DS5	09:54:11	T	1.0	207.4	0.38	27.67	21.96	79.79	5.56	5.12	7.70	5
2014/08/30	MF	DS5	09:54:51	B	5.0	114.6	0.13	27.35	23.10	77.40	5.39	7.30	7.70	5
2014/08/30	MF	DS5	09:55:26	M	3.5	48.9	0.77	27.38	23.11	80.63	5.61	4.97	7.72	6
2014/08/30	MF	DS5	09:55:59	T	1.1	246.1	0.58	27.46	22.31	78.83	5.50	4.87	7.70	5
2014/08/30	MF	DS5	09:56:46	B	4.9	92.0	0.12	27.34	23.20	78.12	5.43	5.83	7.71	5
2014/08/30	MF	DS5	09:57:27	M	3.6	233.1	0.38	27.46	22.94	80.66	5.61	4.78	7.71	6
2014/08/30	MF	DS5	09:58:10	T	1.0	244.4	0.76	27.64	22.06	79.81	5.56	4.82	7.70	4
2014/08/30	MF	US1	10:11:48	B	3.0	255.9	0.31	26.84	23.45	67.57	4.73	10.52	7.68	14
2014/08/30	MF	US1	10:12:32	T	1.1	62.1	0.46	27.04	22.92	69.32	4.85	7.72	7.68	11
2014/08/30	MF	US1	10:13:01	B	2.9	321.4	0.51	26.96	23.16	67.87	4.75	9.12	7.67	15
2014/08/30	MF	US1	10:13:44	T	1.0	289.3	0.93	27.30	23.36	70.73	4.96	6.48	7.67	11
2014/08/30	MF	US1	10:14:30	B	3.0	102.0	0.78	27.04	22.85	69.26	4.85	7.43	7.67	14
2014/08/30	MF	US1	10:15:07	T	1.0	316.7	0.32	27.30	22.03	71.63	5.02	5.02	7.67	11
2014/08/30	MF	US2	10:19:33	B	10.0	356.7	0.04	26.25	25.68	60.90	4.26	23.48	7.68	20
2014/08/30	MF	US2	10:20:07	M	5.9	218.1	0.35	26.28	25.56	61.18	4.28	15.25	7.68	19
2014/08/30	MF	US2	10:20:44	T	0.9	65.6	0.39	27.31	22.08	73.56	5.15	3.99	7.68	5
2014/08/30	MF	US2	10:21:38	B	10.0	185.6	0.62	26.25	25.69	60.64	4.24	17.68	7.68	20
2014/08/30	MF	US2	10:22:18	M	6.0	244.7	0.45	26.30	25.49	61.50	4.30	11.16	7.68	20
2014/08/30	MF	US2	10:23:03	T	0.9	251.9	0.15	27.36	21.97	74.64	5.23	4.06	7.68	5
2014/08/30	MF	US2	10:23:54	B	10.0	201.6	0.26	26.21	25.81	60.09	4.20	20.60	7.68	19
2014/08/30	MF	US2	10:24:43	M	5.9	256.4	0.51	26.24	25.71	60.25	4.21	15.49	7.68	18
2014/08/30	MF	US2	10:25:27	T	0.9	327.5	0.70	27.34	22.01	74.06	5.19	3.73	7.68	5
2014/08/30	MF	MW1	08:00:43	B	18.3	182.5	0.30	25.88	28.15	56.41	3.91	14.52	7.71	15
2014/08/30	MF	MW1	08:01:30	M	10.1	5.7	0.77	26.68	25.28	63.13	4.39	4.75	7.70	9
2014/08/30	MF	MW1	08:02:29	T	1.1	189.8	0.60	27.26	22.94	70.37	4.91	4.68	7.68	5
2014/08/30	MF	MW1	08:03:37	B	18.0	168.8	0.41	25.92	27.96	57.26	3.97	7.19	7.73	15
2014/08/30	MF	MW1	08:04:38	M	9.9	112.3	0.55	26.29	26.66	60.61	4.21	5.22	7.72	8
2014/08/30	MF	MW1	08:05:30	T	1.0	136.6	0.34	27.29	22.80	71.34	4.98	4.25	7.69	5
2014/08/30	MF	MW1	08:06:42	B	18.1	190.1	0.94	25.86	28.18	56.56	3.92	13.01	7.74	16
2014/08/30	MF	MW1	08:07:32	M	10.1	337.0	0.25	26.23	26.83	59.86	4.16	7.34	7.73	8
2014/08/30	MF	MW1	08:08:21	T	1.0	254.8	0.29	27.19	23.27	70.72	4.93	4.56	7.69	5
2014/08/30	MF	THB1	09:03:18	B	3.0	172.9	0.39	27.34	21.89	73.83	5.17	9.11	7.68	8
2014/08/30	MF	THB1	09:04:02	T	1.0	312.8	0.46	27.45	21.45	74.17	5.20	7.76	7.67	12
2014/08/30	MF	THB1	09:05:10	B	3.0	277.6	0.44	27.30	22.12	70.70	4.95	9.23	7.66	8
2014/08/30	MF	THB1	09:06:03	T	1.0	75.2	0.35	27.47	21.39	73.97	5.19	6.96	7.67	12
2014/08/30	MF	THB1	09:06:44	B	3.0	194.5	0.89	27.34	21.89	71.63	5.02	8.83	7.67	7
2014/08/30	MF	THB1	09:07:30	T	1.0	154.9	0.20	27.46	21.41	73.71	5.17	6.42	7.67	12
2014/08/30	MF	THB2	09:23:42	M	1.3	40.0	0.05	28.89	22.19	58.83	4.01	7.13	7.59	3
2014/08/30	MF	THB2	09:24:56	M	1.3	40.0	0.05	28.89	22.15	59.87	4.08	7.23	7.61	3
2014/08/30	MF	THB2	09:26:31	M	1.3	40.0	0.05	28.91	22.14	58.72	4.00	7.23	7.61	3
2014/08/30	MF	WSR45C	08:36:51	B	12.1	212.9	0.47	26.56	25.16	63.27	4.41	20.73	7.70	17
2014/08/30	MF	WSR45C	08:37:46	M	7.1	224.5	0.78	26.90	23.98	65.91	4.60	6.49	7.69	7
2014/08/30	MF	WSR45C	08:38:27	T	1.1	143.8	0.38	27.67	20.74	74.45	5.22	4.71	7.67	5
2014/08/30	MF	WSR45C	08:39:26	B	12.3	207.9	0.47	26.40	25.75	61.08	4.26	17.00	7.70	17
2014/08/30	MF	WSR45C	08:40:14	M	7.1	240.6	1.30	26.97	23.55	67.80	4.74	5.48	7.69	7
2014/08/30	MF	WSR45C	08:40:59	T	1.1	153.2	0.51	27.56	21.21	73.66	5.16	4.82	7.68	5
2014/08/30	MF	WSR45C	08:41:57	B	12.1	119.6	0.54	26.29	26.15	60.13	4.19	20.03	7.71	17
2014/08/30	MF	WSR45C	08:42:46	M	7.0	244.3	0.38	26.95	23.64	66.91	4.67	5.67	7.69	8
2014/08/30	MF	WSR45C	08:43:40	T	0.9	260.7	0.85	27.45	21.63	72.83	5.10	4.74	7.68	5
2014/08/30	MF	WSR46	10:37:34	B	8.7	314.8	0.98	26.18	25.86	61.89	4.33	23.16	7.69	19
2014/08/30	MF	WSR46	10:38:19	M	5.6	265.5	0.59	26.79	23.74	67.81	4.75	8.15	7.68	11
2014/08/30	MF	WSR46	10:39:04	T	1.0	267.0	0.63	27.22	22.88	72.83	5.09	6.14	7.68	7
2014/08/30	MF	WSR46	10:39:57	B	9.1	312.6	0.76	26.18	25.88	61.68	4.31	22.43	7.69	18
2014/08/30	MF	WSR46	10:40:38	M	5.6	292.7	1.13	26.81	23.78	68.61	4.80	8.07	7.68	11
2014/08/30	MF	WSR46	10:41:18	T	1.0	2.5	0.56	27.60	21.37	74.30	5.20	5.90	7.66	7
2014/08/30	MF	WSR46	10:42:09	B	8.9	261.0	1.10	26.19	25.85	61.84	4.32	21.09	7.69	19
2014/08/30	MF	WSR46	10:42:49	M	5.7	300.6	1.17	26.84	23.					

Sampling Date	Tide	Station	Time	Depth	Depth (m)	Current Direction	Current Velocity (m/s)	Water Temp (°C)	Salinity (ppt)	D.O. Saturation (%)	D.O. (mg/L)	Turbidity (NTU)	pH	SS (mg/L)
2014/08/30	ME	DS1	14:39:54	B	3.1	25.4	0.38	27.34	23.31	76.74	5.34	11.66	7.71	10
2014/08/30	ME	DS1	14:40:41	T	1.0	150.6	1.60	28.26	22.09	85.54	5.90	5.51	7.73	6
2014/08/30	ME	DS1	14:41:19	B	3.0	256.2	0.36	26.99	23.83	69.97	4.88	10.13	7.69	10
2014/08/30	ME	DS1	14:42:03	T	0.9	97.3	0.43	28.24	22.15	85.51	5.89	5.68	7.73	6
2014/08/30	ME	DS1	14:42:46	B	2.9	193.0	0.32	26.55	24.55	64.40	4.51	7.19	7.68	10
2014/08/30	ME	DS1	14:43:19	T	0.8	76.5	0.18	27.88	22.58	80.43	5.56	7.87	7.71	6
2014/08/30	ME	DS2	14:49:28	B	9.9	127.6	0.08	25.77	27.26	56.57	3.95	10.85	7.70	7
2014/08/30	ME	DS2	14:50:13	M	6.0	124.8	0.46	26.08	26.24	60.71	4.24	5.81	7.70	12
2014/08/30	ME	DS2	14:50:59	T	1.0	339.9	0.65	27.69	22.85	80.79	5.60	7.16	7.73	7
2014/08/30	ME	DS2	14:51:40	B	9.6	31.8	0.33	25.80	27.17	56.62	3.95	11.01	7.70	7
2014/08/30	ME	DS2	14:53:06	M	6.0	39.5	0.33	26.10	26.20	60.17	4.20	6.57	7.70	13
2014/08/30	ME	DS2	14:53:41	T	1.0	100.6	0.65	27.93	22.57	80.54	5.57	6.85	7.72	8
2014/08/30	ME	DS2	14:54:52	B	9.9	134.4	0.76	25.78	27.26	55.55	3.88	10.51	7.70	7
2014/08/30	ME	DS2	14:55:56	M	5.9	37.3	0.59	26.16	26.00	59.88	4.18	8.16	7.69	12
2014/08/30	ME	DS2	14:56:43	T	0.8	148.7	0.35	28.18	22.30	82.85	5.71	7.44	7.73	7
2014/08/30	ME	DS3	15:02:03	B	7.1	153.6	0.40	26.09	26.20	59.82	4.18	8.97	7.69	11
2014/08/30	ME	DS3	15:02:39	M	4.5	93.3	0.83	27.00	23.97	66.80	4.65	9.28	7.69	9
2014/08/30	ME	DS3	15:03:36	T	1.1	274.7	0.59	28.02	22.53	82.38	5.69	6.16	7.73	7
2014/08/30	ME	DS3	15:04:19	B	7.1	177.8	0.82	26.09	26.22	59.90	4.18	9.54	7.70	12
2014/08/30	ME	DS3	15:05:02	M	4.5	231.2	0.19	26.87	24.04	65.00	4.54	10.04	7.68	9
2014/08/30	ME	DS3	15:05:50	T	1.0	87.3	0.17	28.01	22.55	81.84	5.65	6.18	7.73	7
2014/08/30	ME	DS3	15:06:50	B	7.1	71.4	1.11	26.09	26.23	59.24	4.14	9.35	7.70	10
2014/08/30	ME	DS3	15:07:33	M	4.4	98.8	0.27	26.81	24.23	64.70	4.52	10.24	7.68	9
2014/08/30	ME	DS3	15:08:21	T	0.9	118.9	0.89	28.02	22.57	81.69	5.64	6.31	7.73	7
2014/08/30	ME	DS4	15:13:39	B	8.9	111.8	0.42	26.11	26.26	60.04	4.19	8.34	7.70	10
2014/08/30	ME	DS4	15:14:10	M	5.5	346.8	0.18	26.29	25.54	60.05	4.20	8.87	7.69	12
2014/08/30	ME	DS4	15:14:54	T	1.1	273.9	0.59	28.13	22.50	82.92	5.71	5.70	7.74	7
2014/08/30	ME	DS4	15:15:45	B	9.1	314.0	0.91	26.10	26.30	59.98	4.19	8.60	7.70	10
2014/08/30	ME	DS4	15:16:27	M	5.6	123.0	0.81	26.51	24.89	61.47	4.30	8.51	7.68	11
2014/08/30	ME	DS4	15:17:07	T	1.0	34.4	0.65	28.16	22.47	83.03	5.72	5.64	7.74	7
2014/08/30	ME	DS4	15:17:56	B	9.0	90.0	0.50	26.09	26.37	59.38	4.15	8.96	7.70	10
2014/08/30	ME	DS4	15:18:40	M	5.4	78.2	0.56	26.58	24.74	61.94	4.33	8.89	7.68	12
2014/08/30	ME	DS4	15:19:20	T	1.0	214.7	1.05	28.12	22.47	82.15	5.66	5.49	7.73	7
2014/08/30	ME	DS5	15:27:05	B	10.3	102.1	0.09	26.09	26.27	60.19	4.20	8.51	7.70	9
2014/08/30	ME	DS5	15:27:53	M	5.8	175.2	0.14	26.44	25.01	61.39	4.29	7.97	7.68	8
2014/08/30	ME	DS5	15:28:40	T	0.9	123.0	0.13	28.00	22.56	81.73	5.64	5.89	7.73	7
2014/08/30	ME	DS5	15:29:22	B	10.0	241.1	0.28	26.55	26.44	59.55	4.16	9.21	7.70	9
2014/08/30	ME	DS5	15:30:04	M	6.1	127.0	0.42	26.44	25.11	61.90	4.33	8.11	7.69	8
2014/08/30	ME	DS5	15:30:54	T	1.0	95.2	0.51	27.92	21.79	79.05	5.49	6.08	7.71	7
2014/08/30	ME	DS5	15:31:46	B	10.2	98.1	0.39	26.95	26.40	59.70	4.10	9.49	7.70	10
2014/08/30	ME	DS5	15:32:33	M	6.0	117.8	0.16	27.00	23.62	67.90	4.74	7.11	7.69	8
2014/08/30	ME	DS5	15:33:14	T	1.0	259.3	0.06	27.94	22.01	79.17	5.49	6.11	7.71	6
2014/08/30	ME	US1	14:30:17	B	3.1	38.1	0.33	26.33	25.06	60.18	4.21	9.57	7.66	11
2014/08/30	ME	US1	14:30:59	T	0.8	179.1	0.49	27.71	22.96	79.35	5.49	10.25	7.71	14
2014/08/30	ME	US1	14:31:42	B	3.0	200.4	0.40	26.92	23.95	67.79	4.73	14.74	7.67	11
2014/08/30	ME	US1	14:32:26	T	0.8	123.9	1.22	27.92	22.71	82.78	5.72	9.17	7.72	14
2014/08/30	ME	US1	14:33:06	B	3.0	97.4	1.02	26.98	23.90	66.80	4.66	13.85	7.68	11
2014/08/30	ME	US1	14:33:48	T	1.0	15.1	0.22	27.98	22.64	82.55	5.70	8.57	7.72	15
2014/08/30	ME	US2	14:21:24	B	2.9	259.8	1.24	27.28	23.44	75.41	5.24	11.67	7.69	13
2014/08/30	ME	US2	14:22:03	T	0.9	235.2	1.28	28.38	22.04	89.50	6.16	6.31	7.75	9
2014/08/30	ME	US2	14:22:30	B	2.9	84.9	0.42	27.42	23.23	78.91	5.48	10.52	7.72	12
2014/08/30	ME	US2	14:23:11	T	1.1	22.3	0.52	28.34	22.06	89.43	6.16	6.39	7.75	9
2014/08/30	ME	US2	14:23:58	B	2.9	359.1	0.67	27.32	23.36	76.36	5.31	11.20	7.70	13
2014/08/30	ME	US2	14:24:42	T	1.1	220.9	0.62	28.22	22.26	88.89	6.12	6.65	7.75	8
2014/08/30	ME	MW1	16:13:51	B	18.2	207.5	0.33	26.46	26.42	67.39	4.67	3.61	7.76	4
2014/08/30	ME	MW1	16:14:47	M	9.9	274.9	0.44	26.66	26.95	70.00	4.85	3.34	7.76	7
2014/08/30	ME	MW1	16:15:35	T	1.3	85.8	0.63	27.82	23.43	81.38	5.82	3.11	7.77	4
2014/08/30	ME	MW1	16:16:40	B	18.0	246.4	0.81	26.52	26.33	67.94	4.71	3.64	7.76	4
2014/08/30	ME	MW1	16:17:23	M	9.9	358.3	1.26	26.63	26.03	69.26	4.80	3.56	7.76	7
2014/08/30	ME	MW1	16:18:18	T	1.1	79.7	0.59	27.56	23.74	80.04	5.53	3.43	7.77	4
2014/08/30	ME	MW1	16:19:31	B	18.0	321.7	0.70	26.61	26.10	68.51	4.75	3.41	7.76	4
2014/08/30	ME	MW1	16:20:21	M	9.7	285.3	0.48	26.64	26.01	69.26	4.80	3.46	7.76	6
2014/08/30	ME	MW1	16:21:18	T	1.0	17.3	0.61	27.39	23.97	78.16	5.41	3.41	7.76	5
2014/08/30	ME	THB1	14:09:57	B	3.0	130.3	1.56	27.22	23.24	73.25	5.11	11.94	7.66	10
2014/08/30	ME	THB1	14:10:42	T	1.0	102.8	0.85	27.41	22.57	76.73	5.35	8.46	7.67	10
2014/08/30	ME	THB1	14:11:32	B	2.9	8.7	0.28	27.30	23.09	74.87	5.22	13.37	7.66	10
2014/08/30	ME	THB1	14:12:07	T	1.1	0.8	0.42	27.50	22.36	76.81	5.35	7.00	7.67	10
2014/08/30	ME	THB1	14:12:49	B	3.0	112.9	0.35	27.27	22.59	74.50	5.21	8.17	7.66	10
2014/08/30	ME	THB1	14:13:34	T	1.1	334.8	1.05	27.50	22.33	77.07	5.37	6.90	7.67	10
2014/08/30	ME	THB2	14:25:41	M	1.2	40.0	0.05	29.83	21.59	88.14	5.93	8.22	7.74	7
2014/08/30	ME	THB2	14:26:44	M	1.2	40.0	0.05	29.75	21.63	89.09	6.00	8.12	7.76	6
2014/08/30	ME	THB2	14:27:57	M	1.2	40.0	0.05	29.55	21.74	89.53	6.05	8.02	7.77	7
2014/08/30	ME	WSR45C	15:39:13	B	11.7	299.6	0.10	25.99	26.64	59.28	4.14	12.24	7.71	13
2014/08/30	ME	WSR45C	15:40:03	M	7.1	22.9	0.21	26.55	24.96	63.41	4.43	7.06	7.70	11
2014/08/30	ME	WSR45C	15:41:11	T	0.9	66.8	0.28	27.83	22.82	79.59	5.50	6.10	7.74	7
2014/08/30	ME	WSR45C	15:42:09	B	12.1	25.2	0.35	25.56	28.11	52.36	3.65	17.44	7.72	13
2014/08/30	ME	WSR45C	15:43:06	M	7.0	10.2	0.86	26.56	25.03	64.00	4.47	6.56	7.71	11
2014/08/30	ME	WSR45C	15:44:06	T	0.8	266.3	0.34	27.88	22.81	80.68	5.57	5.92	7.75	7
2014/08/30	ME	WSR45C	15:45:10	B	11.9	316.8	0.73	25.99	26.66	56.89	3.97	14.72	7.70	13
2014/08/30	ME	WSR45C	15:45:58	M	6.9	34.8	0.44	26.60	24.88	63.88	4.46	6.12	7.71	11
2014/08/30	ME	WSR45C	15:46:43	T	0.8	132.7	0.21	27.89	22.77	80.37	5.55	5.64	7.74	7
2014/08/30	ME	WSR46	13:45:44	B	9.2	145.2	0.09	26.07	26.10	58.25	4.07	12.74	7.56	14
2014/08/30	ME	WSR46	13:46:25	M	5.3	188.4	0.19	26.40	24.93	60.61	4.24	8.46	7.57	10
2014/08/30	ME	WSR46	13:47:04	T	1.1	104.6	0.70	28.51	19.43	83.21	5.79	3.55	7.61	4
2014/08/30	ME	WSR46	13:48:04	B	9.1	129.4	0.84	26.08	26.05	58.45	4.09	11.09	7.62	13
2014/08/30	ME	WSR46	13:49:17	M	5.5	117.7	0.43	26.34	25.11	60.59	4.24	8.60</		