

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)
2014/07/02	MF	DS1	09:36:10	B	3.1	192.9	0.20	29.30	17.19	78.89	5.49	3.95	7.80	7
2014/07/02	MF	DS1	09:36:40	T	0.8	277.2	0.20	29.53	15.78	77.67	5.43	3.85	7.78	5
2014/07/02	MF	DS1	09:37:12	B	2.8	149.1	0.33	29.25	17.37	77.17	5.37	4.05	7.81	7
2014/07/02	MF	DS1	09:37:42	T	1.2	151.5	0.24	29.47	16.02	77.68	5.43	4.15	7.79	5
2014/07/02	MF	DS1	09:38:17	B	2.9	354.8	0.60	29.16	18.21	72.51	5.03	5.05	7.78	7
2014/07/02	MF	DS1	09:38:54	T	0.9	30.6	0.50	29.45	16.12	76.78	5.36	3.95	7.79	5
2014/07/02	MF	DS2	09:43:51	B	2.9	127.6	1.09	29.25	18.03	83.93	5.82	5.05	7.87	11
2014/07/02	MF	DS2	09:44:22	T	1.0	11.1	0.25	29.53	16.53	80.28	5.59	4.95	7.80	6
2014/07/02	MF	DS2	09:45:00	B	3.0	4.0	0.48	29.25	17.69	81.20	5.64	7.05	7.85	11
2014/07/02	MF	DS2	09:45:32	T	1.0	340.0	0.62	29.41	16.89	79.48	5.53	5.95	7.81	6
2014/07/02	MF	DS2	09:46:09	B	2.9	172.3	0.24	29.30	17.47	79.38	5.52	8.45	7.83	11
2014/07/02	MF	DS2	09:46:42	T	0.9	53.1	0.56	29.41	16.92	79.18	5.51	6.05	7.80	6
2014/07/02	MF	DS3	09:51:06	B	4.2	273.5	0.20	29.16	18.90	83.18	5.75	5.15	7.85	6
2014/07/02	MF	DS3	09:51:33	M	2.9	231.5	1.17	29.27	18.15	88.16	6.11	4.75	7.90	6
2014/07/02	MF	DS3	09:52:03	T	1.1	148.0	0.36	29.57	16.26	80.85	5.63	4.75	7.80	6
2014/07/02	MF	DS3	09:52:41	B	4.2	38.3	0.34	29.17	18.96	83.09	5.74	5.35	7.85	6
2014/07/02	MF	DS3	09:53:13	M	2.9	314.8	0.19	29.19	18.72	82.49	5.70	5.45	7.87	6
2014/07/02	MF	DS3	09:53:45	T	1.2	312.9	0.23	29.36	17.08	78.43	5.46	6.05	7.79	6
2014/07/02	MF	DS3	09:54:23	B	4.0	222.9	0.25	29.16	19.02	80.06	5.53	6.25	7.85	6
2014/07/02	MF	DS3	09:54:55	M	2.9	77.1	0.06	29.18	18.71	81.69	5.65	5.55	7.87	5
2014/07/02	MF	DS3	09:55:27	T	1.0	210.8	0.98	29.24	18.07	80.99	5.61	6.55	7.84	6
2014/07/02	MF	DS4	09:59:56	B	5.0	88.1	0.56	29.21	18.45	82.75	5.73	4.55	7.85	6
2014/07/02	MF	DS4	10:00:30	M	3.4	285.3	0.23	29.25	18.04	83.27	5.77	5.05	7.86	6
2014/07/02	MF	DS4	10:01:02	T	0.9	322.8	0.58	29.43	16.95	81.65	5.68	5.05	7.82	6
2014/07/02	MF	DS4	10:01:37	B	5.0	181.8	0.38	29.12	19.31	77.79	5.37	4.95	7.83	6
2014/07/02	MF	DS4	10:02:16	M	3.2	186.6	1.11	29.19	18.61	81.35	5.63	4.95	7.86	6
2014/07/02	MF	DS4	10:02:49	T	1.1	147.0	0.57	29.41	17.02	82.48	5.73	4.85	7.84	6
2014/07/02	MF	DS4	10:03:29	B	4.9	245.3	0.38	29.12	19.41	77.40	5.34	4.95	7.83	6
2014/07/02	MF	DS4	10:03:59	M	3.4	126.0	0.33	29.18	18.70	77.60	5.37	4.85	7.86	6
2014/07/02	MF	DS4	10:04:32	T	0.9	336.5	0.61	29.32	17.62	83.41	5.79	5.95	7.85	6
2014/07/02	MF	DS5	10:11:06	B	6.1	318.9	0.51	28.57	20.53	67.79	4.66	9.35	7.79	11
2014/07/02	MF	DS5	10:11:40	M	4.1	70.8	0.25	29.11	19.34	73.19	5.05	7.75	7.84	18
2014/07/02	MF	DS5	10:12:14	T	0.8	200.0	0.88	29.40	17.07	82.26	5.72	4.95	7.84	6
2014/07/02	MF	DS5	10:12:56	B	6.2	300.9	0.25	28.97	20.66	70.35	4.83	9.85	7.79	11
2014/07/02	MF	DS5	10:13:26	M	4.0	331.0	0.43	29.17	18.83	75.75	5.24	7.05	7.85	17
2014/07/02	MF	DS5	10:14:04	T	1.1	46.7	0.14	29.42	17.01	82.07	5.71	5.05	7.84	6
2014/07/02	MF	DS5	10:14:44	B	5.9	150.0	0.27	28.99	20.56	69.24	4.75	10.35	7.80	10
2014/07/02	MF	DS5	10:15:12	M	3.9	258.6	0.39	29.17	18.90	76.27	5.27	7.55	7.85	18
2014/07/02	MF	DS5	10:15:50	T	1.0	17.0	0.45	29.49	16.46	79.23	5.52	5.35	7.80	6
2014/07/02	MF	US1	10:30:32	B	4.0	37.6	0.24	29.03	18.88	71.41	4.95	4.05	7.77	5
2014/07/02	MF	US1	10:31:02	M	3.1	150.7	0.98	29.17	17.82	70.90	4.93	4.15	7.76	4
2014/07/02	MF	US1	10:31:36	T	1.1	355.1	0.95	29.56	16.59	74.07	5.15	3.65	7.75	4
2014/07/02	MF	US1	10:32:12	B	4.0	65.8	0.13	28.78	20.31	65.71	4.53	4.55	7.77	6
2014/07/02	MF	US1	10:32:52	M	2.9	298.1	0.24	29.05	18.93	68.77	4.76	4.35	7.78	4
2014/07/02	MF	US1	10:33:22	T	1.2	352.4	0.28	29.18	17.80	70.20	4.88	5.25	7.76	4
2014/07/02	MF	US1	10:34:04	B	4.1	353.9	0.20	28.85	19.92	69.29	4.79	4.65	7.77	5
2014/07/02	MF	US1	10:34:29	M	3.0	348.6	0.43	29.08	18.18	68.38	4.75	4.25	7.77	5
2014/07/02	MF	US1	10:35:03	T	1.1	285.1	0.57	29.30	17.41	71.34	4.96	5.25	7.76	4
2014/07/02	MF	US2	10:40:01	B	7.1	203.3	0.72	27.99	24.67	56.47	3.85	12.35	7.79	19
2014/07/02	MF	US2	10:40:47	M	4.1	351.5	0.22	28.84	20.08	63.32	4.37	5.35	7.77	7
2014/07/02	MF	US2	10:41:21	T	0.9	319.2	0.37	29.50	16.72	71.29	4.96	3.55	7.76	5
2014/07/02	MF	US2	10:42:07	B	7.2	340.7	0.66	27.89	25.12	56.28	3.84	16.15	7.80	18
2014/07/02	MF	US2	10:42:50	M	4.4	136.7	0.07	28.70	20.98	61.49	4.23	5.35	7.78	7
2014/07/02	MF	US2	10:43:22	T	1.0	351.3	0.72	29.47	16.87	71.30	4.96	3.65	7.76	6
2014/07/02	MF	US2	10:44:55	B	7.4	322.6	0.48	28.09	22.60	55.17	3.80	12.45	7.80	19
2014/07/02	MF	US2	10:45:29	M	4.6	113.3	0.55	28.69	21.05	61.61	4.24	4.85	7.77	7
2014/07/02	MF	US2	10:46:02	T	1.0	158.9	0.30	28.96	19.09	64.17	4.44	4.05	7.76	5
2014/07/02	MF	MW1	07:39:39	B	17.6	192.9	0.09	26.98	28.03	49.65	3.38	4.75	7.85	8
2014/07/02	MF	MW1	07:40:24	M	10.1	172.3	0.24	28.06	24.02	58.57	4.01	3.05	7.86	5
2014/07/02	MF	MW1	07:41:09	T	1.0	231.5	0.48	29.08	17.08	71.19	4.98	2.65	7.81	4
2014/07/02	MF	MW1	07:42:23	B	17.8	322.8	0.19	27.02	28.04	50.17	3.42	4.35	7.87	8
2014/07/02	MF	MW1	07:43:06	M	9.9	70.8	0.25	28.13	23.65	58.88	4.03	3.15	7.88	5
2014/07/02	MF	MW1	07:43:47	T	1.0	46.7	0.58	29.06	17.33	70.51	4.92	2.85	7.83	4
2014/07/02	MF	MW1	07:45:01	B	18.0	298.7	0.57	26.92	28.34	49.08	3.34	4.45	7.88	8
2014/07/02	MF	MW1	07:45:44	M	9.9	129.0	0.88	27.35	26.70	52.09	3.55	4.45	7.89	5
2014/07/02	MF	MW1	07:46:31	T	0.8	131.5	0.45	29.02	17.55	68.92	4.81	3.05	7.84	4
2014/07/02	MF	THB1	09:06:48	B	2.9	299.3	0.09	29.24	17.13	73.78	5.14	5.85	7.78	8
2014/07/02	MF	THB1	09:07:43	T	1.2	247.0	0.33	29.37	15.97	73.58	5.15	7.55	7.76	12
2014/07/02	MF	THB1	09:08:26	B	3.0	290.8	0.40	29.27	18.79	73.29	5.06	7.65	7.82	8
2014/07/02	MF	THB1	09:09:05	T	0.9	278.1	0.01	29.32	16.78	72.89	5.08	7.55	7.78	12
2014/07/02	MF	THB1	09:09:46	B	3.0	293.4	0.27	29.25	18.37	72.89	5.04	7.45	7.81	8
2014/07/02	MF	THB1	09:10:19	T	1.0	269.6	0.39	29.35	16.15	72.80	5.09	7.45	7.77	13
2014/07/02	MF	THB2	09:15:37	M	1.4	40.0	0.03	29.50	19.00	80.55	5.53	5.96	7.76	3
2014/07/02	MF	THB2	09:17:02	M	1.4	40.0	0.03	29.49	19.07	80.73	5.54	5.76	7.77	3
2014/07/02	MF	THB2	09:17:46	M	1.4	40.0	0.03	29.52	19.03	80.46	5.52	5.76	7.75	3
2014/07/02	MF	WSR45C	08:36:02	B	12.0	89.3	0.08	27.68	25.77	53.99	3.68	8.15	7.84	12
2014/07/02	MF	WSR45C	08:36:40	M	7.0	146.9	0.11	28.34	22.50	58.43	4.01	7.55	7.83	8
2014/07/02	MF	WSR45C	08:37:19	T	1.0	10.8	0.31	29.32	15.23	70.82	4.98	4.65	7.76	6
2014/07/02	MF	WSR45C	08:38:13	B	12.0	241.4	0.48	27.77	25.55	54.71	3.73	8.75	7.84	11
2014/07/02	MF	WSR45C	08:38:50	M	7.0	183.0	0.90	28.25	23.10	57.33	3.93	6.95	7.84	9
2014/07/02	MF	WSR45C	08:39:29	T	1.2	265.2	0.11	29.29	15.61	69.93	4.91	4.85	7.77	6
2014/07/02	MF	WSR45C	08:40:26	B	11.8	34.4	0.21	27.74	25.64	53.61	3.65	9.45	7.85	12
2014/07/02	MF	WSR45C	08:41:07	M	6.9	227.3	0.35	28.02	24.29	55.63	3.80	9.25	7.85	8
2014/07/02	MF	WSR45C	08:41:53	T	1.0	64.2	0.18	29.30	15.72	69.14	4.85	4.65	7.77	6
2014/07/02	MF	WSR46	10:58:56	B	8.5	280.8	0.64	27.88	25.08	55.67	3.80	20.05	7.80	15
2014/07/02	MF	WSR46	10:59:43	M	5.5	19.0	0.66	28.57	21.59	62.43	4.29	5.65	7.79	6
2014/07/														

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)
2014/07/02	ME	DS1	15:49:44	B	4.0	271.7	0.51	29.65	18.70	89.21	6.12	14.35	7.91	16
2014/07/02	ME	DS1	15:50:13	M	2.9	151.8	0.58	30.12	17.84	98.90	6.76	12.15	7.98	15
2014/07/02	ME	DS1	15:50:43	T	1.1	102.6	0.76	30.49	17.60	111.29	7.58	11.65	8.06	14
2014/07/02	ME	DS1	15:51:37	B	4.0	13.9	1.26	29.83	18.31	96.30	6.60	14.05	7.95	17
2014/07/02	ME	DS1	15:52:08	M	3.0	92.6	0.57	30.06	17.87	99.30	6.80	12.25	7.97	15
2014/07/02	ME	DS1	15:52:41	T	1.2	121.8	0.49	30.48	17.80	111.18	7.57	11.45	8.05	13
2014/07/02	ME	DS1	15:56:06	B	4.0	179.8	0.68	29.57	18.75	89.30	6.13	14.45	7.91	15
2014/07/02	ME	DS1	15:56:34	M	3.1	91.4	1.75	29.82	18.33	93.40	6.40	14.45	7.95	15
2014/07/02	ME	DS1	15:57:13	T	1.0	225.7	0.69	30.32	17.70	106.19	7.24	11.55	8.02	13
2014/07/02	ME	DS2	16:02:08	B	7.1	204.7	0.31	28.92	20.21	72.52	4.99	6.85	7.80	9
2014/07/02	ME	DS2	16:02:40	M	4.5	142.9	0.49	30.17	17.86	96.39	6.59	9.25	7.96	13
2014/07/02	ME	DS2	16:03:19	T	1.2	129.0	0.92	30.36	17.08	103.98	7.11	6.85	7.99	8
2014/07/02	ME	DS2	16:04:03	B	7.0	44.3	0.46	28.94	20.08	71.42	4.92	7.05	7.80	10
2014/07/02	ME	DS2	16:04:36	M	4.6	51.9	0.38	29.63	18.68	80.71	5.54	7.45	7.89	14
2014/07/02	ME	DS2	16:05:10	T	1.1	101.5	0.16	30.39	17.27	105.78	7.23	8.05	8.02	8
2014/07/02	ME	DS2	16:05:55	B	7.1	293.7	0.37	28.57	21.82	68.22	4.68	6.45	7.81	9
2014/07/02	ME	DS2	16:06:24	M	4.5	69.5	0.44	29.49	18.92	80.11	5.50	6.45	7.88	13
2014/07/02	ME	DS2	16:07:04	T	1.0	195.7	0.49	30.38	17.06	103.78	7.10	7.35	8.00	8
2014/07/02	ME	DS3	16:12:56	B	9.0	3.4	0.60	28.47	22.34	70.11	4.81	9.05	7.84	7
2014/07/02	ME	DS3	16:13:28	M	5.9	169.6	0.30	29.15	19.82	74.31	5.11	5.75	7.87	7
2014/07/02	ME	DS3	16:14:01	T	1.1	137.2	0.22	29.86	16.31	83.70	5.80	4.55	7.83	5
2014/07/02	ME	DS3	16:14:55	B	8.7	197.8	0.40	28.60	21.77	70.21	4.82	7.15	7.84	7
2014/07/02	ME	DS3	16:15:35	M	5.3	86.4	0.46	30.07	17.46	89.29	6.13	6.95	7.93	7
2014/07/02	ME	DS3	16:16:09	T	1.1	68.0	0.65	29.83	16.51	85.79	5.94	4.75	7.84	5
2014/07/02	ME	DS3	16:16:59	B	8.9	135.2	0.27	28.46	22.33	67.31	4.62	9.85	7.83	7
2014/07/02	ME	DS3	16:17:32	M	5.4	356.6	0.12	29.88	17.78	81.40	5.59	6.95	7.91	7
2014/07/02	ME	DS3	16:18:07	T	1.1	131.5	0.32	29.79	16.30	83.79	5.81	4.65	7.83	5
2014/07/02	ME	DS4	16:22:56	B	9.9	143.0	0.61	28.29	23.26	66.21	4.53	5.75	7.83	6
2014/07/02	ME	DS4	16:23:32	M	6.1	119.7	0.58	29.08	19.47	73.70	5.08	4.35	7.84	5
2014/07/02	ME	DS4	16:24:18	T	1.0	84.5	1.08	29.63	16.02	77.40	5.39	4.15	7.79	6
2014/07/02	ME	DS4	16:28:49	B	9.7	110.9	0.40	28.12	23.82	63.01	4.31	6.65	7.81	6
2014/07/02	ME	DS4	16:29:19	M	6.1	158.0	0.53	29.13	19.42	72.80	5.02	5.25	7.83	5
2014/07/02	ME	DS4	16:30:02	T	1.0	354.0	0.87	29.51	16.64	76.89	5.35	4.15	7.78	7
2014/07/02	ME	DS4	16:30:50	B	10.0	120.2	0.26	28.19	23.66	64.31	4.40	6.65	7.81	6
2014/07/02	ME	DS4	16:31:25	M	5.9	46.0	0.33	29.27	18.75	74.20	5.12	5.15	7.84	5
2014/07/02	ME	DS4	16:31:57	T	1.1	89.5	1.07	29.55	16.40	76.79	5.34	3.95	7.78	6
2014/07/02	ME	DS5	16:37:10	B	10.0	93.6	0.77	28.43	22.26	66.40	4.56	5.55	7.81	9
2014/07/02	ME	DS5	16:37:46	M	6.1	29.9	0.16	28.81	20.16	68.00	4.69	6.45	7.81	6
2014/07/02	ME	DS5	16:38:23	T	1.3	43.3	0.48	29.35	17.39	73.29	5.09	5.65	7.78	7
2014/07/02	ME	DS5	16:39:10	B	10.1	68.5	0.46	28.24	23.44	64.30	4.39	5.95	7.81	9
2014/07/02	ME	DS5	16:39:47	M	5.8	42.7	0.44	28.80	20.19	67.10	4.63	6.35	7.81	6
2014/07/02	ME	DS5	16:40:28	T	1.0	85.8	1.39	29.42	16.98	72.69	5.05	5.25	7.77	7
2014/07/02	ME	DS5	16:41:15	B	9.7	42.2	0.91	28.55	21.68	64.90	4.46	5.95	7.80	10
2014/07/02	ME	DS5	16:41:58	M	5.8	116.1	1.58	28.98	19.13	68.40	4.73	5.85	7.80	5
2014/07/02	ME	DS5	16:42:31	T	1.3	88.9	0.42	29.45	16.67	71.79	5.00	5.15	7.77	6
2014/07/02	ME	US1	15:40:19	B	3.0	59.0	0.92	29.06	20.20	75.73	5.20	11.55	7.84	17
2014/07/02	ME	US1	15:41:07	T	1.0	298.7	1.42	30.51	17.66	113.29	7.71	13.15	8.09	15
2014/07/02	ME	US1	15:41:50	B	3.0	0.4	0.53	29.23	19.66	81.12	5.58	13.05	7.87	19
2014/07/02	ME	US1	15:42:33	T	1.0	288.9	0.36	30.22	17.96	105.10	7.17	14.85	8.04	14
2014/07/02	ME	US1	15:43:23	B	3.0	347.9	0.19	29.21	19.57	82.22	5.66	13.65	7.86	17
2014/07/02	ME	US1	15:44:04	T	1.0	126.5	0.36	29.91	18.28	100.80	6.90	16.35	7.99	15
2014/07/02	ME	US2	15:27:18	B	4.0	353.2	0.15	28.89	20.88	70.44	4.84	8.65	7.81	10
2014/07/02	ME	US2	15:28:01	M	2.9	76.1	1.27	29.54	18.46	99.92	6.88	11.25	7.99	19
2014/07/02	ME	US2	15:28:39	T	1.2	144.1	0.74	30.83	17.13	124.60	8.46	11.75	8.14	12
2014/07/02	ME	US2	15:29:19	B	4.0	34.3	0.63	28.73	21.26	69.44	4.77	8.45	7.81	10
2014/07/02	ME	US2	15:30:06	M	3.0	359.7	0.33	28.88	20.87	66.35	4.55	8.75	7.81	19
2014/07/02	ME	US2	15:30:40	T	1.1	307.2	0.62	30.64	17.33	114.80	7.81	12.75	8.11	12
2014/07/02	ME	US2	15:31:21	B	4.0	170.7	0.72	28.86	21.19	73.34	5.03	9.45	7.83	10
2014/07/02	ME	US2	15:31:54	M	3.0	69.0	0.30	28.86	20.96	66.04	4.53	8.95	7.81	19
2014/07/02	ME	US2	15:33:38	T	1.1	132.6	1.21	30.73	17.21	126.79	8.61	11.25	8.14	12
2014/07/02	ME	MW1	17:23:05	B	18.1	352.6	1.51	28.92	20.72	77.85	5.35	3.95	7.85	6
2014/07/02	ME	MW1	17:23:51	M	10.0	86.9	0.69	29.53	18.34	83.24	5.73	3.45	7.85	5
2014/07/02	ME	MW1	17:24:32	T	1.1	43.9	0.33	29.83	16.73	87.73	6.07	3.25	7.85	4
2014/07/02	ME	MW1	17:25:39	B	17.9	112.4	0.36	28.99	20.31	77.25	5.31	3.65	7.84	6
2014/07/02	ME	MW1	17:26:18	M	10.1	107.7	0.43	29.49	18.39	82.34	5.67	3.35	7.85	5
2014/07/02	ME	MW1	17:27:00	T	0.9	52.3	0.99	29.82	16.82	86.73	6.00	3.25	7.85	4
2014/07/02	ME	MW1	17:28:10	B	17.8	255.8	0.26	28.48	22.29	71.96	4.94	3.95	7.84	6
2014/07/02	ME	MW1	17:28:54	M	10.2	75.7	0.16	29.43	18.45	80.54	5.55	3.25	7.84	5
2014/07/02	ME	MW1	17:29:43	T	1.0	61.3	1.38	30.07	16.11	87.83	6.07	3.35	7.86	4
2014/07/02	ME	THB1	15:00:29	B	2.9	5.6	0.39	29.31	18.34	98.65	6.82	4.75	7.95	9
2014/07/02	ME	THB1	15:01:15	T	1.0	85.2	0.50	29.59	17.80	100.14	6.91	5.95	7.99	9
2014/07/02	ME	THB1	15:03:59	B	3.0	76.8	0.26	29.31	18.26	98.74	6.83	5.25	7.96	10
2014/07/02	ME	THB1	15:04:44	T	1.2	28.3	0.07	29.41	18.09	105.54	7.29	5.25	8.02	9
2014/07/02	ME	THB1	15:05:34	B	3.0	221.7	0.10	29.33	18.22	100.04	6.92	5.05	7.98	10
2014/07/02	ME	THB1	15:06:14	T	1.1	62.0	0.75	29.51	17.97	103.64	7.16	5.95	8.01	8
2014/07/02	ME	THB2	15:09:51	M	1.6	40.0	0.03	29.73	18.31	103.53	7.11	8.16	7.90	4
2014/07/02	ME	THB2	15:10:20	M	1.6	40.0	0.03	29.73	18.30	103.67	7.12	7.86	7.92	4
2014/07/02	ME	THB2	15:11:22	M	1.7	40.0	0.03	29.73	18.30	103.42	7.10	8.26	7.93	4
2014/07/02	ME	WSR45C	16:48:30	B	12.4	203.6	0.20	27.66	25.42	55.81	3.81	13.25	7.81	13
2014/07/02	ME	WSR45C	16:49:09	M	7.0	111.5	0.76	29.24	18.56	71.99	4.98	5.95	7.83	6
2014/07/02	ME	WSR45C	16:49:44	T	1.0	17.7	0.48	29.65	16.36	79.97	5.56	3.85	7.81	5
2014/07/02	ME	WSR45C	16:50:36	B	12.1	34.5	0.28	27.73	25.23	57.31	3.92	12.95	7.80	13
2014/07/02	ME	WSR45C	16:51:23	M	7.0	214.1	0.62	29.27	18.52	73.58	5.09	5.75	7.83	5
2014/07/02	ME	WSR45C	16:52:02	T	1.2	107.6	1.12	29.67	16.26	80.07	5.57	4.15	7.81	5
2014/07/02	ME	WSR45C	16:52:55	B	11.9	84.1	0.31	27.82	24.90	57.01	3.90	13.05	7.80	14
2014/07/02	ME	WSR45C	16:53:30	M	7.0	147.7	0.24	29.23	18.66	72.68	5.02	5.95		

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)
2014/07/04	MF	DS1	10:55:39	B	3.0	316.6	1.22	29.93	15.25	94.35	6.57	7.85	7.91	10
2014/07/04	MF	DS1	10:56:26	T	1.0	349.1	0.25	30.11	14.63	96.26	6.70	10.55	7.92	10
2014/07/04	MF	DS1	10:56:59	B	3.0	77.0	0.51	29.83	15.51	90.94	6.33	10.45	7.88	10
2014/07/04	MF	DS1	10:57:27	T	0.9	154.6	0.65	30.08	14.45	96.37	6.72	6.65	7.93	9
2014/07/04	MF	DS1	10:57:59	B	2.9	202.0	0.40	29.79	15.55	89.13	6.21	10.15	7.87	11
2014/07/04	MF	DS1	10:58:24	T	1.0	204.7	0.04	30.07	14.43	95.97	6.69	7.45	7.94	10
2014/07/04	MF	DS2	11:02:28	B	4.1	234.2	0.33	29.97	16.39	102.93	7.11	20.25	7.99	17
2014/07/04	MF	DS2	11:03:15	M	3.0	252.0	1.01	30.03	14.95	100.22	6.98	17.45	7.94	14
2014/07/04	MF	DS2	11:03:47	T	1.1	286.7	0.88	30.24	14.30	100.22	6.98	8.45	7.94	9
2014/07/04	MF	DS2	11:04:30	B	4.3	294.0	0.04	29.90	17.21	100.73	6.94	13.05	7.98	16
2014/07/04	MF	DS2	11:05:03	M	3.0	299.5	0.46	30.04	14.97	101.03	7.03	15.75	7.95	13
2014/07/04	MF	DS2	11:05:37	T	1.0	279.0	1.25	30.29	14.24	100.74	7.01	8.45	7.94	9
2014/07/04	MF	DS2	11:06:11	B	3.8	115.9	0.53	29.98	16.74	103.15	7.11	14.75	8.00	17
2014/07/04	MF	DS2	11:06:47	M	3.1	5.1	0.58	29.98	15.91	103.46	7.17	19.55	7.98	15
2014/07/04	MF	DS2	11:07:26	T	1.0	259.0	0.92	30.23	14.32	101.25	7.05	9.35	7.95	9
2014/07/04	MF	DS3	11:11:06	B	4.9	143.9	0.15	29.73	18.13	95.43	6.56	6.95	7.92	9
2014/07/04	MF	DS3	11:11:36	M	3.6	296.8	0.46	30.00	16.06	106.20	7.35	6.55	8.03	7
2014/07/04	MF	DS3	11:12:15	T	1.0	124.4	0.22	30.23	14.72	109.73	7.62	8.45	8.01	13
2014/07/04	MF	DS3	11:12:54	B	4.8	153.1	1.11	29.70	18.33	91.61	6.29	8.25	7.91	9
2014/07/04	MF	DS3	11:13:23	M	3.6	166.3	0.37	29.88	16.67	101.18	6.99	7.05	8.01	8
2014/07/04	MF	DS3	11:13:50	T	1.1	112.0	0.61	30.11	15.14	109.13	7.58	6.35	8.02	13
2014/07/04	MF	DS3	11:14:36	B	4.8	333.8	0.74	29.71	18.40	93.83	6.44	8.05	7.92	9
2014/07/04	MF	DS3	11:15:06	M	3.4	117.5	0.64	29.94	16.37	106.32	7.35	6.45	8.03	7
2014/07/04	MF	DS3	11:15:40	T	1.1	294.1	0.80	30.27	14.55	109.34	7.60	8.65	8.01	12
2014/07/04	MF	DS4	11:20:12	B	5.9	11.4	0.52	29.26	19.49	78.65	5.41	9.25	7.83	10
2014/07/04	MF	DS4	11:20:43	M	4.1	187.6	0.85	29.96	16.89	103.23	7.12	7.65	8.04	11
2014/07/04	MF	DS4	11:21:14	T	1.1	243.0	0.98	30.33	14.62	116.42	8.08	6.05	8.08	8
2014/07/04	MF	DS4	11:21:53	B	5.9	157.9	0.08	29.32	19.67	80.97	5.56	8.05	7.83	10
2014/07/04	MF	DS4	11:22:21	M	4.0	120.8	0.38	29.99	16.51	101.72	7.02	7.55	8.04	11
2014/07/04	MF	DS4	11:22:55	T	1.2	178.2	0.39	30.09	14.80	114.92	8.00	5.85	8.06	8
2014/07/04	MF	DS4	11:23:36	B	5.9	109.0	0.12	29.13	20.23	74.64	5.12	9.25	7.81	10
2014/07/04	MF	DS4	11:24:04	M	4.1	147.2	0.43	29.96	16.81	98.71	6.81	9.15	8.00	10
2014/07/04	MF	DS4	11:24:37	T	1.1	323.4	0.24	30.11	15.13	115.13	7.99	5.95	8.07	8
2014/07/04	MF	DS5	11:29:13	B	6.0	214.9	0.45	29.07	20.40	72.34	4.96	9.95	7.79	12
2014/07/04	MF	DS5	11:29:43	M	4.2	271.7	0.28	30.02	16.25	107.60	7.44	7.25	8.06	7
2014/07/04	MF	DS5	11:30:17	T	0.9	242.5	1.64	30.23	15.05	118.19	8.19	5.45	8.08	7
2014/07/04	MF	DS5	11:32:07	B	5.9	6.7	0.37	29.39	19.47	83.53	5.73	9.75	7.84	12
2014/07/04	MF	DS5	11:32:36	M	4.1	298.3	0.43	29.96	16.72	101.77	7.02	9.15	8.03	7
2014/07/04	MF	DS5	11:33:06	T	1.1	321.3	0.54	30.49	14.57	114.68	7.94	5.85	8.05	7
2014/07/04	MF	DS5	11:33:49	B	5.9	21.4	0.31	29.43	19.24	89.43	5.89	9.45	7.84	12
2014/07/04	MF	DS5	11:34:17	M	4.0	311.8	1.12	30.10	15.90	110.85	7.67	8.45	8.10	7
2014/07/04	MF	DS5	11:34:51	T	1.1	243.1	0.68	30.40	14.65	116.70	8.09	5.85	8.06	7
2014/07/04	MF	US1	11:50:38	B	5.0	151.0	0.47	29.15	18.28	81.29	5.64	4.75	7.82	7
2014/07/04	MF	US1	11:51:10	M	3.5	352.3	0.17	29.79	15.93	87.65	6.09	5.45	7.90	8
2014/07/04	MF	US1	11:51:43	T	0.9	339.3	0.17	30.51	14.33	114.48	7.93	4.55	8.07	6
2014/07/04	MF	US1	11:52:20	B	5.0	257.4	0.74	29.25	17.78	85.33	5.92	4.15	7.83	7
2014/07/04	MF	US1	11:52:46	M	3.4	145.9	0.60	29.71	16.23	87.75	6.10	5.25	7.89	9
2014/07/04	MF	US1	11:53:18	T	0.9	21.0	0.32	30.39	14.41	115.29	8.00	4.75	8.07	6
2014/07/04	MF	US1	11:54:10	B	5.0	63.0	0.82	29.11	18.09	77.77	5.40	3.85	7.80	7
2014/07/04	MF	US1	11:54:40	M	3.6	339.3	0.52	29.55	16.76	82.11	5.70	4.75	7.86	9
2014/07/04	MF	US1	11:55:11	T	1.1	273.9	0.62	30.23	14.78	106.73	7.41	5.15	8.03	6
2014/07/04	MF	US2	11:59:01	B	8.0	28.9	0.42	28.85	20.26	71.74	4.95	10.35	7.80	14
2014/07/04	MF	US2	11:59:32	M	5.0	19.8	0.33	29.00	19.99	72.75	5.01	5.45	7.80	6
2014/07/04	MF	US2	12:00:08	T	1.0	84.8	0.86	30.49	14.47	108.47	7.51	4.75	8.07	6
2014/07/04	MF	US2	12:00:54	B	8.0	230.0	0.59	28.85	20.29	78.20	5.39	8.05	7.80	14
2014/07/04	MF	US2	12:01:26	M	5.0	263.1	0.60	29.02	19.28	72.25	4.99	5.15	7.81	6
2014/07/04	MF	US2	12:02:06	T	1.0	205.7	0.92	30.16	14.99	106.26	7.38	4.65	8.02	6
2014/07/04	MF	US2	12:03:04	B	7.9	143.8	0.24	28.87	20.27	73.97	5.10	11.55	7.80	13
2014/07/04	MF	US2	12:03:37	M	5.2	285.1	0.30	29.29	17.69	75.29	5.23	5.15	7.81	6
2014/07/04	MF	US2	12:04:09	T	1.1	179.4	1.27	30.59	14.49	109.10	7.54	4.35	8.06	6
2014/07/04	MF	MW1	09:18:59	B	19.1	133.1	0.67	26.04	30.00	44.55	3.05	3.75	7.80	6
2014/07/04	MF	MW1	09:19:58	M	10.5	92.8	0.65	26.92	27.42	47.66	3.26	3.55	7.85	4
2014/07/04	MF	MW1	09:20:45	T	1.1	163.7	0.74	29.83	14.46	83.90	5.87	3.65	7.91	4
2014/07/04	MF	MW1	09:21:52	B	18.9	271.5	0.19	26.00	30.18	42.96	2.94	3.95	7.84	6
2014/07/04	MF	MW1	09:22:32	M	10.6	142.2	0.30	26.73	28.11	46.06	3.15	3.75	7.86	5
2014/07/04	MF	MW1	09:23:17	T	1.0	208.5	0.37	29.92	13.97	82.31	5.77	3.45	7.92	4
2014/07/04	MF	MW1	09:24:21	B	18.9	181.9	0.39	26.10	29.94	43.16	2.95	3.75	7.85	6
2014/07/04	MF	MW1	09:25:05	M	10.6	166.5	0.11	26.71	28.16	46.27	3.16	3.75	7.87	5
2014/07/04	MF	MW1	09:25:52	T	1.1	107.5	1.89	29.92	14.04	83.93	5.88	3.45	7.93	4
2014/07/04	MF	THB1	10:24:50	B	3.1	253.2	0.63	30.08	15.68	101.14	7.00	8.55	7.98	12
2014/07/04	MF	THB1	10:25:39	T	1.0	225.6	0.32	30.06	14.91	95.42	6.64	9.55	7.93	10
2014/07/04	MF	THB1	10:26:39	B	2.9	207.0	1.36	30.05	16.10	101.05	6.99	9.05	8.00	12
2014/07/04	MF	THB1	10:27:11	T	1.0	267.7	2.00	30.09	14.63	94.82	6.60	9.55	7.92	10
2014/07/04	MF	THB1	10:27:58	B	3.0	284.6	0.41	30.04	15.95	100.85	6.98	8.35	8.00	12
2014/07/04	MF	THB1	10:28:29	T	1.0	238.8	1.15	30.08	14.75	95.33	6.64	9.55	7.92	10
2014/07/04	MF	THB2	10:34:59	M	1.2	40.0	0.03	30.50	16.07	108.65	7.46	6.46	7.86	3
2014/07/04	MF	THB2	10:35:38	M	1.2	40.0	0.04	30.54	16.04	105.86	7.26	6.96	7.85	3
2014/07/04	MF	THB2	10:36:15	M	1.2	40.0	0.03	30.55	16.02	104.27	7.15	7.06	7.85	3
2014/07/04	MF	WSR45C	09:55:32	B	11.7	48.1	0.67	27.41	25.99	56.77	3.88	6.75	7.83	7
2014/07/04	MF	WSR45C	09:56:17	M	6.9	228.9	1.30	28.80	20.33	66.80	4.61	4.35	7.87	5
2014/07/04	MF	WSR45C	09:57:05	T	0.9	314.0	0.63	29.71	14.69	82.55	5.78	4.65	7.87	5
2014/07/04	MF	WSR45C	09:57:55	B	12.0	258.3	0.24	27.40	26.80	55.77	3.80	6.05	7.84	8
2014/07/04	MF	WSR45C	09:58:33	M	7.0	288.0	0.39	28.80	20.35	66.40	4.58	4.55	7.87	5
2014/07/04	MF	WSR45C	09:59:14	T	1.1	245.4	0.60	29.79	14.14	83.56	5.87	4.65	7.88	5
2014/07/04	MF	WSR45C	10:00:03	B	11.9	30.5	0.84	27.20	26.68	54.97	3.76	7.35	7.84	7
2014/07/04	MF	WSR45C	10:00:55	M	6.9	252.4	0.48	28.71	20.63					

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)
2014/07/04	ME	DS1	16:16:24	B	5.0	19.0	0.31	29.34	18.58	83.07	5.73	7.35	7.87	11
2014/07/04	ME	DS1	16:16:53	M	3.6	359.1	0.20	30.00	16.29	96.28	6.65	9.55	8.04	11
2014/07/04	ME	DS1	16:17:22	T	1.0	10.4	0.78	30.70	14.60	136.91	9.44	6.85	8.26	10
2014/07/04	ME	DS1	16:18:08	B	4.9	27.0	1.28	29.65	17.05	93.08	6.44	8.85	7.90	11
2014/07/04	ME	DS1	16:18:34	M	3.6	148.9	0.27	30.43	15.22	119.80	8.27	9.75	8.18	11
2014/07/04	ME	DS1	16:19:04	T	0.9	208.4	0.22	30.73	14.28	137.41	9.49	6.65	8.24	10
2014/07/04	ME	DS1	16:19:55	B	5.0	1.2	0.78	29.48	17.60	87.87	6.08	7.65	7.88	11
2014/07/04	ME	DS1	16:20:21	M	3.6	206.2	0.31	30.21	15.50	110.59	7.65	10.05	8.11	11
2014/07/04	ME	DS1	16:20:56	T	1.1	354.8	0.78	30.77	14.19	134.81	9.31	6.25	8.23	10
2014/07/04	ME	DS2	16:25:18	B	7.9	321.5	0.22	27.61	25.27	60.45	4.14	5.65	7.82	6
2014/07/04	ME	DS2	16:25:49	M	5.2	350.7	0.14	29.42	17.25	78.17	5.43	4.75	7.87	6
2014/07/04	ME	DS2	16:26:30	T	0.9	146.4	0.38	30.72	11.62	103.89	7.28	4.35	8.00	6
2014/07/04	ME	DS2	16:27:13	B	7.9	319.9	0.51	27.91	24.50	64.66	4.42	5.55	7.82	6
2014/07/04	ME	DS2	16:27:41	M	5.1	46.3	0.20	29.15	18.28	70.06	4.86	5.05	7.86	6
2014/07/04	ME	DS2	16:28:14	T	1.0	110.2	1.50	30.51	12.66	102.59	7.17	4.75	8.01	6
2014/07/04	ME	DS2	16:28:53	B	7.9	33.6	0.26	27.52	25.43	60.46	4.14	5.55	7.83	6
2014/07/04	ME	DS2	16:29:21	M	4.9	41.9	0.21	29.24	18.08	72.77	5.04	5.05	7.86	6
2014/07/04	ME	DS2	16:29:52	T	1.2	148.1	0.58	30.57	12.47	102.20	7.15	4.85	8.01	6
2014/07/04	ME	DS3	16:35:52	B	9.8	324.2	0.32	26.46	28.84	49.85	3.41	4.15	7.80	6
2014/07/04	ME	DS3	16:36:24	M	6.0	11.8	0.71	28.54	21.34	61.66	4.25	5.15	7.83	6
2014/07/04	ME	DS3	16:37:01	T	1.0	132.1	0.91	30.50	11.29	96.30	6.78	4.15	7.94	6
2014/07/04	ME	DS3	16:39:19	B	10.0	120.1	0.52	26.50	28.69	49.95	3.42	4.25	7.80	5
2014/07/04	ME	DS3	16:39:51	M	6.1	116.8	0.36	28.46	21.11	62.17	4.29	5.15	7.83	6
2014/07/04	ME	DS3	16:40:28	T	0.9	86.2	0.84	30.27	12.28	94.10	6.62	4.35	7.95	5
2014/07/04	ME	DS3	16:42:50	B	10.1	258.3	0.26	26.14	29.61	42.25	2.89	4.15	7.80	6
2014/07/04	ME	DS3	16:43:23	M	6.1	335.3	0.22	28.52	21.86	63.67	4.37	3.95	7.84	6
2014/07/04	ME	DS3	16:43:59	T	1.1	103.3	0.82	30.38	12.19	94.20	6.62	4.35	7.95	5
2014/07/04	ME	DS4	16:48:23	B	9.9	51.2	0.60	27.03	26.87	55.06	3.77	3.85	7.82	6
2014/07/04	ME	DS4	16:49:00	M	6.1	120.7	0.56	28.75	20.64	68.28	4.70	5.55	7.84	7
2014/07/04	ME	DS4	16:49:34	T	0.9	46.2	0.56	30.61	12.26	98.72	6.91	4.65	7.98	6
2014/07/04	ME	DS4	16:50:20	B	9.9	69.7	0.56	26.98	27.25	54.76	3.75	4.55	7.82	6
2014/07/04	ME	DS4	16:50:50	M	6.1	88.2	0.94	28.67	20.80	65.68	4.53	5.65	7.84	7
2014/07/04	ME	DS4	16:51:22	T	1.1	75.0	0.30	30.65	11.32	97.32	6.84	4.25	7.96	6
2014/07/04	ME	DS4	16:52:06	B	9.8	99.4	0.46	27.35	25.85	58.27	3.99	3.95	7.83	6
2014/07/04	ME	DS4	16:52:41	M	6.2	21.7	0.56	28.82	20.36	67.88	4.68	5.25	7.85	7
2014/07/04	ME	DS4	16:53:13	T	1.3	142.3	1.00	30.55	12.76	97.12	6.78	4.45	7.98	6
2014/07/04	ME	DS5	16:58:20	B	9.1	272.1	0.25	27.39	25.82	59.28	4.06	4.75	7.82	6
2014/07/04	ME	DS5	16:58:51	M	5.3	113.1	0.49	29.95	15.14	85.21	5.93	4.95	7.91	7
2014/07/04	ME	DS5	16:59:24	T	1.1	235.8	0.67	30.68	12.60	100.43	7.00	4.45	7.98	6
2014/07/04	ME	DS5	17:00:13	B	8.9	115.4	0.42	27.27	26.25	55.17	3.78	6.05	7.81	5
2014/07/04	ME	DS5	17:00:46	M	5.7	145.3	1.51	29.48	18.26	72.59	5.01	5.35	7.88	6
2014/07/04	ME	DS5	17:01:27	T	1.0	37.3	0.60	30.78	12.30	103.54	7.22	4.35	8.00	6
2014/07/04	ME	DS5	17:04:29	B	8.9	193.2	0.44	27.40	25.85	56.78	3.89	7.05	7.81	6
2014/07/04	ME	DS5	17:05:00	M	5.7	299.2	0.06	29.42	17.45	76.20	5.28	5.65	7.88	6
2014/07/04	ME	DS5	17:05:32	T	1.0	143.0	0.63	30.77	12.08	100.74	7.03	4.45	8.01	6
2014/07/04	ME	US1	16:04:55	B	5.1	304.5	0.43	29.45	18.75	78.35	5.39	12.45	7.87	18
2014/07/04	ME	US1	16:05:26	M	3.6	1.3	0.40	29.92	17.12	94.76	6.53	15.05	8.00	16
2014/07/04	ME	US1	16:06:02	T	1.1	122.4	0.50	31.37	14.51	157.20	10.73	10.15	8.38	17
2014/07/04	ME	US1	16:06:49	B	5.0	154.0	0.15	29.35	19.44	80.25	5.51	12.05	7.85	19
2014/07/04	ME	US1	16:07:23	M	3.6	125.0	0.48	29.87	17.41	93.86	6.46	13.55	7.98	16
2014/07/04	ME	US1	16:08:00	T	1.1	279.3	0.24	31.00	14.79	151.40	10.38	11.25	8.35	18
2014/07/04	ME	US1	16:08:42	B	5.0	1.9	0.33	29.29	19.62	79.16	5.44	11.85	7.84	17
2014/07/04	ME	US1	16:09:12	M	3.5	63.6	0.72	29.88	17.33	92.97	6.40	14.15	7.99	16
2014/07/04	ME	US1	16:09:45	T	1.0	242.1	0.66	31.07	14.80	153.01	10.47	11.65	8.41	17
2014/07/04	ME	US2	15:55:42	B	5.0	13.4	0.42	29.25	19.74	76.94	5.28	11.55	7.84	12
2014/07/04	ME	US2	15:56:30	M	3.6	157.6	0.98	30.03	17.17	105.76	7.27	16.35	8.06	14
2014/07/04	ME	US2	15:57:05	T	1.0	61.0	0.66	30.79	15.38	147.58	10.12	21.85	8.32	22
2014/07/04	ME	US2	15:57:46	B	4.9	176.4	0.48	29.32	19.55	83.55	5.74	12.45	7.86	13
2014/07/04	ME	US2	15:58:20	M	3.5	304.1	0.22	29.64	18.36	86.05	5.92	13.55	7.94	15
2014/07/04	ME	US2	15:58:54	T	1.0	85.7	0.84	30.90	15.30	143.98	9.86	19.35	8.34	21
2014/07/04	ME	US2	15:59:32	B	4.9	20.9	0.18	29.28	19.70	79.85	5.48	13.25	7.84	12
2014/07/04	ME	US2	16:00:05	M	3.5	26.2	0.19	29.63	18.46	86.75	5.96	15.25	7.93	14
2014/07/04	ME	US2	16:00:41	T	0.9	22.9	0.82	30.61	15.10	148.29	10.18	18.65	8.34	21
2014/07/04	ME	MW1	17:50:41	B	17.9	93.3	0.16	26.89	27.34	52.40	3.59	3.05	7.82	4
2014/07/04	ME	MW1	17:51:24	M	10.0	172.3	0.40	29.57	17.15	81.65	5.66	2.45	7.91	4
2014/07/04	ME	MW1	17:52:17	T	1.1	64.1	0.78	30.95	13.83	124.33	8.57	3.05	8.19	6
2014/07/04	ME	MW1	17:53:29	B	18.1	187.8	1.09	26.84	27.39	52.10	3.57	3.45	7.80	5
2014/07/04	ME	MW1	17:54:09	M	10.0	353.2	1.01	29.31	17.97	77.65	5.38	2.55	7.89	4
2014/07/04	ME	MW1	17:54:53	T	1.3	111.1	0.14	30.86	13.95	121.83	8.41	3.15	8.18	6
2014/07/04	ME	MW1	17:56:23	B	17.8	278.5	0.89	26.78	27.58	50.60	3.47	3.95	7.80	4
2014/07/04	ME	MW1	17:57:05	M	9.9	239.3	0.19	29.62	16.93	80.76	5.60	3.15	7.90	4
2014/07/04	ME	MW1	17:57:57	T	1.1	297.1	0.45	30.91	13.88	126.55	8.74	3.25	8.21	6
2014/07/04	ME	THB1	15:45:09	B	3.2	341.4	0.77	30.12	15.62	111.85	7.74	7.35	8.05	10
2014/07/04	ME	THB1	15:45:40	T	1.1	354.3	0.90	30.63	14.80	126.65	8.32	5.55	8.11	8
2014/07/04	ME	THB1	15:46:15	B	2.9	271.3	0.37	30.23	15.47	115.85	8.01	6.35	8.06	10
2014/07/04	ME	THB1	15:47:09	T	1.0	323.3	0.53	30.52	15.03	119.95	8.28	5.65	8.11	7
2014/07/04	ME	THB1	15:47:42	B	3.0	62.2	0.58	30.19	15.59	110.75	7.66	8.35	8.02	10
2014/07/04	ME	THB1	15:48:21	T	1.1	269.1	0.39	30.62	14.96	118.25	8.15	7.65	8.10	8
2014/07/04	ME	THB2	15:52:29	M	1.3	40.0	0.03	30.76	15.59	155.81	10.68	8.36	8.23	7
2014/07/04	ME	THB2	15:52:52	M	1.3	40.0	0.03	30.76	15.58	155.90	10.68	8.36	8.24	7
2014/07/04	ME	THB2	15:53:18	M	1.3	40.0	0.03	30.76	15.59	155.69	10.67	7.86	8.24	7
2014/07/04	ME	WSR45C	17:13:47	B	11.9	163.5	0.30	26.02	30.12	41.76	2.86	11.95	7.77	14
2014/07/04	ME	WSR45C	17:14:21	M	7.2	248.7	0.38	28.86	21.22	67.20	4.61	9.15	7.83	13
2014/07/04	ME	WSR45C	17:15:02	T	0.9	108.4	1.00	30.86	12.08	109.26	7.62	4.45	8.06	6
2014/07/04	ME	WSR45C	17:15:55	B	12.2	304.9	0.13	26.04	30.10	42.36	2.90	11.85	7.78	15
2014/07/04	ME	WSR45C	17:16:26	M	7.0	93.6	0.33	29.15	17.20	56.08	3.91			

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)
2014/07/07	MF	DS1	14:11:13	B	4.0	71.9	0.41	29.20	19.33	75.90	5.23	14.30	7.71	14
2014/07/07	MF	DS1	14:11:59	M	3.0	37.0	0.44	29.76	15.63	94.20	6.56	5.60	7.98	5
2014/07/07	MF	DS1	14:13:03	T	1.0	238.4	0.08	30.31	12.99	140.80	9.86	3.80	8.33	6
2014/07/07	MF	DS1	14:13:55	B	4.3	268.8	0.87	29.18	19.20	75.60	5.21	12.30	7.73	13
2014/07/07	MF	DS1	14:14:41	M	3.0	244.6	1.13	29.78	15.41	82.00	5.72	6.80	8.00	5
2014/07/07	MF	DS1	14:15:23	T	1.0	299.8	0.53	30.35	13.17	127.10	9.88	4.00	8.28	5
2014/07/07	MF	DS1	14:16:12	B	4.0	338.1	0.88	29.30	18.67	73.00	5.04	12.00	7.76	14
2014/07/07	MF	DS1	14:16:56	M	2.9	324.6	0.42	29.52	17.12	83.10	5.76	7.50	7.91	5
2014/07/07	MF	DS1	14:17:44	T	1.1	34.7	0.25	30.33	13.01	136.60	9.56	3.90	8.33	6
2014/07/07	MF	DS2	14:22:51	B	4.9	80.9	0.84	29.05	20.03	61.20	4.21	11.20	7.69	9
2014/07/07	MF	DS2	14:23:32	M	3.7	150.7	0.26	29.92	16.78	80.80	5.58	11.20	7.91	13
2014/07/07	MF	DS2	14:24:19	T	1.0	313.7	0.43	30.35	13.14	131.70	9.21	4.90	8.30	6
2014/07/07	MF	DS2	14:26:58	B	5.0	335.1	0.71	28.79	20.78	64.90	4.47	8.40	7.70	8
2014/07/07	MF	DS2	14:27:53	M	3.6	82.4	0.48	29.74	17.55	82.30	5.67	11.70	7.92	14
2014/07/07	MF	DS2	14:28:39	T	1.1	80.3	0.60	30.36	13.47	123.40	8.61	6.60	8.24	7
2014/07/07	MF	DS2	14:29:21	B	5.0	141.5	0.24	28.38	22.41	56.40	3.87	9.90	7.64	9
2014/07/07	MF	DS2	14:30:09	M	3.5	52.0	0.39	29.56	18.42	74.20	5.11	9.60	7.88	12
2014/07/07	MF	DS2	14:30:50	T	0.9	296.0	0.89	30.38	13.44	123.20	8.60	6.00	8.27	7
2014/07/07	MF	DS3	14:35:46	B	5.0	209.9	0.25	28.82	21.23	71.30	4.89	10.20	7.68	12
2014/07/07	MF	DS3	14:36:16	M	3.5	322.7	0.15	29.63	17.36	69.40	4.80	10.10	7.88	11
2014/07/07	MF	DS3	14:37:05	T	1.0	62.9	0.79	30.43	12.94	136.20	9.52	5.50	8.31	10
2014/07/07	MF	DS3	14:37:51	B	5.0	249.5	0.16	28.62	21.56	56.60	3.89	9.80	7.66	12
2014/07/07	MF	DS3	14:38:23	M	3.5	309.6	0.39	29.66	18.14	74.30	5.11	7.60	7.90	10
2014/07/07	MF	DS3	14:39:07	T	0.9	2.8	1.08	30.42	13.07	131.00	9.15	6.50	8.30	10
2014/07/07	MF	DS3	14:39:47	B	5.1	358.1	0.09	29.15	19.94	76.70	5.27	9.70	7.76	12
2014/07/07	MF	DS3	14:40:20	M	3.5	259.1	0.57	29.80	17.62	78.60	5.41	9.30	7.93	11
2014/07/07	MF	DS3	14:40:58	T	1.1	337.3	0.23	30.48	13.16	120.50	8.41	6.60	8.27	10
2014/07/07	MF	DS4	14:46:35	B	3.9	143.6	0.59	29.75	18.20	85.90	5.90	17.20	7.87	11
2014/07/07	MF	DS4	14:47:21	M	3.0	187.3	0.04	30.52	15.19	118.30	8.16	7.70	8.18	9
2014/07/07	MF	DS4	14:48:16	T	0.9	271.8	0.69	30.92	13.65	142.60	9.85	6.20	8.33	8
2014/07/07	MF	DS4	14:50:13	B	3.8	28.3	0.10	30.18	16.66	92.00	6.33	18.10	8.01	11
2014/07/07	MF	DS4	14:50:54	M	3.0	331.4	0.25	30.62	14.65	116.40	8.03	9.00	8.23	9
2014/07/07	MF	DS4	14:51:38	T	1.0	24.1	0.13	30.74	13.25	140.80	9.77	6.00	8.36	9
2014/07/07	MF	DS4	14:52:29	B	4.0	234.7	0.11	29.98	17.62	92.10	6.32	17.60	7.89	12
2014/07/07	MF	DS4	14:53:12	M	2.9	27.0	0.37	30.62	14.80	121.20	8.36	8.40	8.22	10
2014/07/07	MF	DS4	14:54:03	T	1.0	140.6	0.40	30.80	13.44	142.40	9.87	5.90	8.35	9
2014/07/07	MF	DS5	14:59:21	B	3.0	220.7	0.19	30.88	13.71	138.00	9.53	6.70	8.36	9
2014/07/07	MF	DS5	15:00:08	T	0.9	340.4	1.01	30.88	12.85	156.20	10.84	6.40	8.47	8
2014/07/07	MF	DS5	15:01:00	B	3.1	138.5	0.74	30.88	13.93	138.40	9.55	7.40	8.32	10
2014/07/07	MF	DS5	15:01:42	T	1.0	359.1	1.08	30.89	12.92	155.50	10.79	6.10	8.46	8
2014/07/07	MF	DS5	15:02:28	B	2.9	318.3	0.26	30.86	13.79	142.00	9.81	6.60	8.35	9
2014/07/07	MF	DS5	15:03:11	T	1.0	168.5	1.03	30.90	12.96	156.00	10.82	6.00	8.45	9
2014/07/07	MF	US1	15:21:02	B	4.0	51.7	0.48	28.80	19.92	89.70	6.20	7.80	7.87	5
2014/07/07	MF	US1	15:21:51	M	2.9	201.1	0.46	29.15	18.26	96.00	6.66	3.20	7.99	4
2014/07/07	MF	US1	15:22:24	T	0.9	170.1	0.17	30.22	12.78	125.00	8.78	4.80	8.28	6
2014/07/07	MF	US1	15:25:02	B	4.2	336.2	0.56	29.08	18.66	103.90	7.20	2.90	7.96	5
2014/07/07	MF	US1	15:25:37	M	3.0	128.2	0.62	28.97	19.07	91.80	6.36	2.70	7.94	4
2014/07/07	MF	US1	15:26:10	T	1.1	131.3	0.34	30.07	13.36	115.30	8.09	5.10	8.22	6
2014/07/07	MF	US1	15:26:57	B	4.0	340.8	0.50	29.07	18.61	98.20	6.81	3.20	7.95	5
2014/07/07	MF	US1	15:27:34	M	3.0	140.6	0.28	29.33	17.44	100.60	6.99	2.90	8.02	4
2014/07/07	MF	US1	15:28:04	T	1.1	66.2	0.54	30.19	13.17	127.60	8.94	5.10	8.24	6
2014/07/07	MF	US2	15:33:10	B	9.0	283.1	0.11	27.07	26.57	41.00	2.81	16.40	7.66	5
2014/07/07	MF	US2	15:33:58	M	5.5	278.5	0.89	28.52	20.95	58.60	4.05	5.00	7.82	7
2014/07/07	MF	US2	15:34:33	T	1.0	142.2	0.61	29.92	13.96	57.60	4.04	5.00	8.20	7
2014/07/07	MF	US2	15:35:46	B	9.0	131.2	0.42	26.98	26.52	43.20	2.97	13.70	7.66	5
2014/07/07	MF	US2	15:36:46	M	5.5	167.7	0.67	28.32	21.99	62.60	4.31	3.60	7.79	7
2014/07/07	MF	US2	15:37:27	T	0.9	33.9	0.86	30.11	13.30	110.80	7.77	3.60	8.23	7
2014/07/07	MF	US2	15:38:25	B	9.0	349.6	0.39	27.13	26.02	44.30	3.04	12.60	7.67	5
2014/07/07	MF	US2	15:39:19	M	5.4	128.6	0.23	28.28	22.04	61.60	4.24	3.40	7.78	7
2014/07/07	MF	US2	15:40:03	T	1.1	214.2	1.06	30.24	12.74	124.30	8.73	4.00	8.30	7
2014/07/07	MF	MW1	16:34:59	B	19.0	7.8	0.22	24.82	32.39	27.30	1.88	5.60	7.66	6
2014/07/07	MF	MW1	16:35:59	M	10.5	291.1	0.71	25.95	29.41	39.40	2.71	3.90	7.73	5
2014/07/07	MF	MW1	16:36:59	T	1.0	289.9	0.71	26.02	22.53	77.00	5.31	2.90	7.91	6
2014/07/07	MF	MW1	16:37:59	B	19.0	321.0	0.41	24.90	32.21	31.10	2.14	5.30	7.67	7
2014/07/07	MF	MW1	16:38:59	M	10.6	117.6	0.75	25.93	29.53	38.70	2.66	3.50	7.74	6
2014/07/07	MF	MW1	16:39:59	T	1.0	304.0	1.71	27.95	22.87	77.50	5.35	3.30	7.92	6
2014/07/07	MF	MW1	16:40:59	B	18.9	142.7	0.90	24.90	32.23	29.00	2.00	5.00	7.67	7
2014/07/07	MF	MW1	16:41:59	M	10.6	130.4	0.48	25.93	29.54	38.60	2.65	3.90	7.74	6
2014/07/07	MF	MW1	16:42:59	T	1.0	9.6	0.46	28.16	22.03	78.10	5.39	2.60	7.92	6
2014/07/07	MF	THB1	13:58:18	B	3.0	97.6	0.38	30.18	16.12	91.20	6.29	12.50	7.87	23
2014/07/07	MF	THB1	13:59:12	T	1.2	188.0	0.11	30.65	12.76	147.20	10.26	11.90	8.36	13
2014/07/07	MF	THB1	14:00:05	B	2.9	120.2	0.44	29.79	17.20	67.10	4.63	14.40	7.76	23
2014/07/07	MF	THB1	14:01:03	T	1.0	278.7	0.92	30.60	12.75	146.00	10.19	11.00	8.37	13
2014/07/07	MF	THB1	14:01:48	B	3.0	291.7	0.77	29.50	19.30	72.30	4.96	14.80	7.63	22
2014/07/07	MF	THB1	14:02:32	T	1.0	351.6	0.45	30.65	13.04	140.30	9.77	12.90	8.35	13
2014/07/07	MF	THB2	14:08:56	M	1.0	40.0	0.02	31.36	12.90	123.61	8.51	11.13	8.19	10
2014/07/07	MF	THB2	14:09:18	M	1.0	40.0	0.02	31.35	12.89	125.21	8.62	11.13	8.20	11
2014/07/07	MF	THB2	14:09:42	M	1.0	40.0	0.02	31.35	12.89	125.80	8.66	10.83	8.21	10
2014/07/07	MF	WSR45C	15:52:29	B	12.0	80.9	0.25	25.16	31.68	27.50	1.89	13.10	7.64	7
2014/07/07	MF	WSR45C	15:53:20	M	6.9	82.4	0.04	26.29	28.47	34.20	2.35	6.90	7.69	13
2014/07/07	MF	WSR45C	15:54:02	T	1.0	259.1	0.11	30.00	12.78	115.10	8.11	4.50	8.27	20
2014/07/07	MF	WSR45C	15:55:05	B	12.0	24.1	0.46	25.25	31.52	31.70	2.18	13.30	7.65	7
2014/07/07	MF	WSR45C	15:55:52	M	7.0	341.8	0.35	26.76	26.99	38.20	2.63	6.70	7.71	13
2014/07/07	MF	WSR45C	15:56:33	T	1.0	200.9	1.19	29.95	12.85	109.10	7.69	5.00	8.23	20
2014/07/07	MF	WSR45C	15:57:22	B	11.9	149.9	0.46	25.26	31.45	32.80	2.26	11.90	7.65	7
2014/07/07	MF	WSR45C	15:58:11	M	7.0	231.1	0.51	26.84						

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)
2014/07/07	ME	DS1	09:54:54	B	3.9	110.8	0.23	30.10	15.44	109.60	7.60	27.10	8.07	16
2014/07/07	ME	DS1	09:55:48	M	3.0	87.0	0.58	30.25	14.98	112.80	7.82	36.60	8.08	17
2014/07/07	ME	DS1	09:56:49	T	1.0	14.9	0.51	30.88	13.08	145.20	10.07	7.00	8.35	8
2014/07/07	ME	DS1	10:06:32	B	4.0	231.9	0.28	29.94	16.02	109.20	7.57	32.40	8.02	16
2014/07/07	ME	DS1	10:06:56	M	3.0	286.2	0.32	30.31	14.73	111.10	7.71	21.90	8.12	17
2014/07/07	ME	DS1	10:07:36	T	1.0	337.8	0.51	30.85	12.85	143.10	9.94	5.00	8.35	8
2014/07/07	ME	DS1	10:08:38	B	4.0	86.5	0.66	29.80	16.58	101.30	7.01	43.40	8.01	16
2014/07/07	ME	DS1	10:09:02	M	3.0	109.8	0.58	30.09	15.51	104.60	7.25	39.00	8.06	16
2014/07/07	ME	DS1	10:09:51	T	1.0	74.3	1.66	30.95	12.50	153.60	10.67	5.10	8.44	9
2014/07/07	ME	DS2	10:14:49	B	8.9	4.6	0.16	25.88	29.89	29.30	2.01	6.20	7.66	8
2014/07/07	ME	DS2	10:15:40	M	5.4	207.0	0.44	28.32	22.05	63.30	4.36	6.30	7.84	6
2014/07/07	ME	DS2	10:16:27	T	1.0	151.5	0.86	30.54	12.75	123.60	8.63	4.10	8.27	9
2014/07/07	ME	DS2	10:17:12	B	8.9	270.1	0.41	25.91	29.86	37.80	2.59	6.60	7.66	8
2014/07/07	ME	DS2	10:18:04	M	5.6	33.5	0.20	28.13	22.74	62.40	4.29	6.10	7.84	7
2014/07/07	ME	DS2	10:18:52	T	0.9	278.2	0.47	30.47	13.28	116.70	8.14	4.40	8.24	9
2014/07/07	ME	DS2	10:19:37	B	9.1	263.3	0.17	26.10	29.40	43.60	2.99	6.00	7.67	8
2014/07/07	ME	DS2	10:20:22	M	5.4	172.4	0.83	28.26	22.21	61.10	4.21	6.70	7.83	7
2014/07/07	ME	DS2	10:21:06	T	1.0	14.1	1.31	30.55	12.94	117.50	8.20	4.10	8.26	9
2014/07/07	ME	DS3	10:27:41	B	9.0	333.6	0.53	26.36	28.51	37.90	2.60	5.10	7.67	6
2014/07/07	ME	DS3	10:28:22	M	5.2	302.7	0.52	28.23	22.31	61.30	4.22	3.80	7.86	5
2014/07/07	ME	DS3	10:29:06	T	1.1	74.6	0.73	30.85	12.84	142.10	9.87	4.20	8.41	7
2014/07/07	ME	DS3	10:29:53	B	9.0	165.8	0.90	26.34	28.59	42.90	2.94	5.40	7.67	6
2014/07/07	ME	DS3	10:30:38	M	5.6	119.3	0.18	28.23	22.34	60.60	4.17	3.90	7.84	5
2014/07/07	ME	DS3	10:31:28	T	1.0	194.2	1.34	30.85	12.67	144.00	10.01	4.30	8.44	7
2014/07/07	ME	DS3	10:32:05	B	8.9	77.0	0.27	27.05	26.78	62.30	4.27	4.50	7.71	6
2014/07/07	ME	DS3	10:32:49	M	5.5	181.0	0.12	28.26	22.27	66.10	4.55	3.70	7.85	5
2014/07/07	ME	DS3	10:33:29	T	1.1	110.2	0.32	30.74	13.08	130.20	9.05	4.20	8.39	7
2014/07/07	ME	DS4	10:38:39	B	9.9	26.9	0.33	26.16	29.08	32.30	2.22	6.20	7.66	7
2014/07/07	ME	DS4	10:39:34	M	6.0	134.0	0.87	28.16	22.62	51.70	3.56	4.50	7.74	6
2014/07/07	ME	DS4	10:40:12	T	0.8	197.5	0.21	30.72	12.16	124.20	8.68	4.40	8.39	7
2014/07/07	ME	DS4	10:41:03	B	10.2	76.4	0.32	26.09	29.30	38.10	2.62	6.50	7.67	8
2014/07/07	ME	DS4	10:41:51	M	5.9	92.4	1.29	28.06	22.84	45.50	3.13	4.90	7.70	6
2014/07/07	ME	DS4	10:42:39	T	1.0	234.3	1.69	30.73	12.14	136.30	9.52	4.40	8.40	7
2014/07/07	ME	DS4	10:43:27	B	9.9	109.6	0.59	26.17	29.09	39.10	2.68	5.90	7.67	8
2014/07/07	ME	DS4	10:44:03	M	5.9	120.8	0.08	27.85	23.48	42.80	2.95	5.80	7.70	7
2014/07/07	ME	DS4	10:44:47	T	1.0	6.6	0.30	30.72	12.17	133.80	9.35	4.40	8.40	7
2014/07/07	ME	DS5	10:50:11	B	9.8	271.3	0.91	26.03	29.43	35.00	2.40	5.80	7.67	7
2014/07/07	ME	DS5	10:50:57	M	6.3	81.3	0.33	27.86	23.53	50.10	3.45	4.70	7.73	6
2014/07/07	ME	DS5	10:51:43	T	0.8	12.2	0.37	30.36	13.74	117.20	8.17	3.90	8.22	6
2014/07/07	ME	DS5	10:52:32	B	9.9	48.6	0.41	26.97	29.61	36.60	2.51	5.50	7.67	7
2014/07/07	ME	DS5	10:53:28	M	6.0	112.4	0.79	27.82	23.42	48.70	3.36	5.10	7.74	6
2014/07/07	ME	DS5	10:54:12	T	0.7	181.5	0.82	30.67	12.58	127.90	8.92	4.10	8.34	6
2014/07/07	ME	DS5	10:54:57	B	10.0	29.2	0.15	26.13	29.13	38.30	2.63	5.50	7.67	7
2014/07/07	ME	DS5	10:55:41	M	6.1	120.6	1.17	28.34	21.53	54.70	3.78	4.50	7.77	7
2014/07/07	ME	DS5	10:56:24	T	1.2	55.4	0.66	30.60	12.05	125.70	8.80	4.00	8.34	6
2014/07/07	ME	US1	09:39:59	B	4.0	321.4	0.44	29.38	18.38	77.00	5.32	8.90	7.88	9
2014/07/07	ME	US1	09:40:51	M	3.0	118.2	0.44	30.13	15.98	95.50	6.60	7.30	8.04	9
2014/07/07	ME	US1	09:41:49	T	0.9	332.5	1.38	30.79	14.07	130.80	9.03	6.60	8.30	9
2014/07/07	ME	US1	09:42:31	B	3.9	274.4	0.17	29.38	18.46	92.10	6.36	7.30	7.82	9
2014/07/07	ME	US1	09:43:13	M	3.0	81.6	0.45	30.02	16.38	92.00	6.35	7.70	8.00	9
2014/07/07	ME	US1	09:44:03	T	0.9	327.9	1.93	30.88	14.00	132.20	9.12	6.40	8.32	9
2014/07/07	ME	US1	09:44:45	B	3.9	183.1	0.82	29.46	17.96	92.00	6.36	6.60	7.85	9
2014/07/07	ME	US1	09:45:29	M	2.9	269.8	0.47	30.24	15.76	101.70	7.02	7.80	8.06	9
2014/07/07	ME	US1	09:46:18	T	1.0	331.6	0.51	30.80	14.15	127.50	8.80	6.80	8.29	9
2014/07/07	ME	US2	09:28:53	B	4.9	103.0	0.62	27.97	23.46	65.30	4.49	13.70	7.77	15
2014/07/07	ME	US2	09:29:48	M	3.7	198.7	0.18	28.95	20.18	55.20	3.81	10.60	7.71	13
2014/07/07	ME	US2	09:30:35	T	0.9	317.1	0.29	30.28	14.96	101.40	7.03	6.90	8.18	9
2014/07/07	ME	US2	09:31:24	B	5.0	127.2	0.60	27.98	23.37	62.10	4.27	12.00	7.79	15
2014/07/07	ME	US2	09:32:07	M	3.6	124.7	0.10	28.73	20.90	50.00	3.44	15.00	7.66	13
2014/07/07	ME	US2	09:33:27	T	0.9	338.3	1.11	30.44	14.33	120.80	8.38	5.60	8.25	8
2014/07/07	ME	US2	09:34:12	B	5.0	330.5	0.23	27.94	23.52	80.80	5.55	10.70	7.79	16
2014/07/07	ME	US2	09:34:56	M	3.4	321.4	0.61	29.19	19.06	58.80	4.06	10.30	7.73	14
2014/07/07	ME	US2	09:35:36	T	1.1	37.4	0.13	30.30	15.05	104.40	7.23	7.00	8.18	9
2014/07/07	ME	MW1	07:27:36	B	19.1	280.0	0.42	24.64	32.83	28.10	1.94	4.10	7.68	5
2014/07/07	ME	MW1	07:28:39	M	10.5	121.1	0.50	25.11	31.83	27.20	1.87	3.20	7.70	4
2014/07/07	ME	MW1	07:29:45	T	0.8	70.4	0.67	29.89	14.66	106.70	7.46	3.10	8.13	5
2014/07/07	ME	MW1	07:58:37	B	19.1	63.8	0.17	25.04	31.88	32.50	2.24	4.50	7.73	5
2014/07/07	ME	MW1	07:59:26	M	10.5	355.6	0.29	26.65	27.55	45.90	3.15	3.10	7.83	4
2014/07/07	ME	MW1	08:00:23	T	0.9	86.8	0.97	30.14	13.61	118.30	8.28	3.10	8.23	5
2014/07/07	ME	MW1	08:01:19	B	19.2	309.7	0.43	25.14	31.65	37.30	2.57	4.90	7.73	5
2014/07/07	ME	MW1	08:02:06	M	10.4	227.8	0.29	26.60	27.61	45.60	3.13	3.20	7.82	4
2014/07/07	ME	MW1	08:02:54	T	1.2	30.3	0.56	30.10	13.87	112.90	7.89	3.20	8.21	5
2014/07/07	ME	THB1	09:17:13	B	3.0	194.6	0.45	30.15	15.79	89.90	6.22	14.00	8.04	16
2014/07/07	ME	THB1	09:17:56	T	1.0	272.0	0.99	31.22	12.48	157.00	10.86	4.40	8.51	6
2014/07/07	ME	THB1	09:18:47	B	3.0	175.6	1.31	28.97	19.79	73.90	5.10	16.80	7.70	15
2014/07/07	ME	THB1	09:19:38	T	0.9	169.7	0.22	31.21	12.58	154.10	10.65	4.60	8.49	6
2014/07/07	ME	THB1	09:20:25	B	3.0	236.8	0.52	29.80	17.37	104.20	7.18	14.00	7.91	16
2014/07/07	ME	THB1	09:21:17	T	1.0	96.8	0.45	31.23	12.50	155.80	10.77	4.30	8.50	6
2014/07/07	ME	THB2	09:27:50	M	1.2	40.0	0.02	31.34	12.90	113.84	7.84	13.53	8.12	3
2014/07/07	ME	THB2	09:28:19	M	1.2	40.0	0.02	31.35	12.90	113.74	7.83	11.03	8.11	3
2014/07/07	ME	THB2	09:28:59	M	1.2	40.0	0.02	31.34	12.91	114.43	7.88	10.53	8.12	3
2014/07/07	ME	WSR45C	08:44:23	B	12.2	123.7	0.06	25.32	31.38	30.40	2.09	8.70	7.70	11
2014/07/07	ME	WSR45C	08:45:08	M	7.1	144.5	0.53	26.82	26.98	47.20	3.24	4.10	7.81	5
2014/07/07	ME	WSR45C	08:46:02	T	1.2	155.0	0.43	30.38	11.55	107.20	7.56	3.60	8.12	4
2014/07/07	ME	WSR45C	08:46:48	B	11.9	2.5	0.25	25.33	31.44	33.10	2.27	9.00	7.68	11
2014/07/07	ME	WSR45C	08:47:33	M	7.1	117.3	0.44	26.57	27.72	46.20	3.17	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)
2014/07/09	MF	DS1	17:22:07	B	2.9	150.8	0.45	28.95	18.82	86.20	5.98	8.70	7.98	9
2014/07/09	MF	DS1	17:22:43	T	0.9	81.9	0.18	29.97	17.14	141.77	9.76	5.20	8.30	7
2014/07/09	MF	DS1	17:24:03	B	3.0	235.3	0.05	28.80	20.53	74.12	5.11	11.90	7.85	9
2014/07/09	MF	DS1	17:24:46	T	1.3	286.1	0.35	30.50	16.37	147.55	10.11	5.70	8.44	7
2014/07/09	MF	DS1	17:26:05	B	2.9	178.6	0.24	28.98	19.59	92.38	6.38	9.80	7.95	10
2014/07/09	MF	DS1	17:27:04	T	1.1	284.1	1.05	30.28	16.95	152.82	10.48	6.30	8.36	8
2014/07/09	MF	DS2	17:32:36	B	2.1	353.4	0.81	29.61	18.01	130.26	8.98	8.20	8.14	9
2014/07/09	MF	DS2	17:33:14	T	0.9	326.1	1.32	29.86	17.38	143.92	9.91	6.20	8.22	8
2014/07/09	MF	DS2	17:33:55	B	1.9	262.2	0.55	29.66	17.62	134.55	9.28	6.90	8.16	9
2014/07/09	MF	DS2	17:34:33	T	1.0	310.3	0.69	29.70	17.67	130.75	9.01	7.40	8.17	8
2014/07/09	MF	DS2	17:35:31	B	2.0	117.2	0.17	29.71	17.88	133.15	9.17	8.10	8.17	9
2014/07/09	MF	DS2	17:36:14	T	0.9	112.6	0.30	30.05	17.14	155.88	10.72	6.80	8.31	8
2014/07/09	MF	DS3	17:41:20	B	2.0	53.2	0.50	30.32	17.20	153.77	10.52	15.40	8.29	18
2014/07/09	MF	DS3	17:42:06	T	1.1	5.3	0.46	30.53	16.85	169.82	11.60	17.00	8.35	19
2014/07/09	MF	DS3	17:42:48	B	2.0	337.4	1.02	29.95	17.99	137.11	9.40	14.00	8.16	19
2014/07/09	MF	DS3	17:43:30	T	1.2	292.4	1.02	30.21	17.08	161.84	11.10	15.20	8.26	20
2014/07/09	MF	DS3	17:44:12	B	1.9	57.6	0.11	29.92	18.13	127.03	8.70	14.50	8.12	18
2014/07/09	MF	DS3	17:44:54	T	1.2	219.1	1.71	30.10	17.19	148.57	10.20	11.70	8.24	18
2014/07/09	MF	DS4	17:50:31	B	4.1	154.8	0.80	29.46	20.34	89.73	6.12	11.90	7.89	15
2014/07/09	MF	DS4	17:51:06	M	3.0	149.5	0.64	29.88	19.06	99.90	6.81	14.90	8.03	17
2014/07/09	MF	DS4	17:51:49	T	1.1	12.0	0.19	30.34	17.05	152.33	10.43	14.30	8.32	17
2014/07/09	MF	DS4	17:52:55	B	4.1	196.9	0.53	29.57	19.96	95.90	6.54	12.40	7.91	14
2014/07/09	MF	DS4	17:54:09	M	2.9	281.8	1.00	29.95	18.70	113.15	7.72	16.80	8.07	17
2014/07/09	MF	DS4	17:54:45	T	1.0	125.4	0.50	30.39	16.69	151.42	10.38	12.40	8.36	16
2014/07/09	MF	DS4	17:55:32	B	4.0	206.6	1.36	29.54	20.09	94.20	6.43	12.10	7.91	14
2014/07/09	MF	DS4	17:56:11	M	3.0	249.5	0.66	30.01	18.85	105.66	7.20	14.20	8.05	18
2014/07/09	MF	DS4	17:56:49	T	1.1	0.6	1.87	30.20	16.93	145.83	10.01	10.20	8.29	17
2014/07/09	MF	DS5	18:02:14	B	3.9	68.9	1.08	30.12	19.02	133.56	9.08	15.10	8.06	21
2014/07/09	MF	DS5	18:02:51	M	3.1	114.1	0.77	30.19	18.59	118.90	8.09	14.10	8.11	18
2014/07/09	MF	DS5	18:03:36	T	1.2	295.3	0.48	30.95	16.68	166.74	11.32	16.70	8.39	19
2014/07/09	MF	DS5	18:04:37	B	3.9	352.0	0.07	29.93	19.18	111.42	7.59	12.10	8.00	23
2014/07/09	MF	DS5	18:05:12	M	2.9	357.3	0.38	30.17	18.62	115.71	7.87	13.70	8.09	18
2014/07/09	MF	DS5	18:05:51	T	1.2	248.7	0.54	30.90	16.78	163.54	11.11	17.00	8.36	18
2014/07/09	MF	DS5	18:06:37	B	4.0	194.3	0.55	30.14	18.82	120.09	8.17	12.60	8.04	20
2014/07/09	MF	DS5	18:07:08	M	3.1	69.4	1.42	30.43	18.16	127.36	8.65	14.50	8.16	18
2014/07/09	MF	DS5	18:07:57	T	1.2	186.0	0.24	30.76	16.98	156.76	10.66	17.90	8.32	19
2014/07/09	MF	US1	18:24:05	B	3.9	158.7	0.71	28.00	24.08	73.12	5.01	4.70	7.78	5
2014/07/09	MF	US1	18:24:50	M	3.4	116.0	0.23	27.79	23.61	63.25	4.36	5.90	7.75	6
2014/07/09	MF	US1	18:25:27	T	1.2	139.2	1.32	29.32	19.03	96.32	6.63	4.60	8.10	7
2014/07/09	MF	US1	18:26:25	B	3.9	358.8	0.05	27.75	23.84	68.43	4.71	5.90	7.74	5
2014/07/09	MF	US1	18:27:05	M	3.0	267.3	0.45	28.94	20.03	101.50	6.99	4.50	8.00	5
2014/07/09	MF	US1	18:27:42	T	1.3	323.2	0.82	30.05	17.25	148.51	10.20	4.00	8.36	6
2014/07/09	MF	US1	18:28:40	B	4.2	234.8	0.49	27.67	24.77	75.10	5.15	6.10	7.73	5
2014/07/09	MF	US1	18:29:42	M	2.9	235.5	0.19	28.08	22.68	73.21	5.04	4.40	7.82	5
2014/07/09	MF	US1	18:30:37	T	1.1	268.2	0.29	29.42	18.93	124.80	8.58	4.20	8.14	7
2014/07/09	MF	US2	18:34:53	B	5.1	50.0	1.99	27.12	25.87	60.15	4.14	6.30	7.68	5
2014/07/09	MF	US2	18:35:44	M	3.5	333.8	1.10	28.04	22.67	70.61	4.87	4.00	7.84	5
2014/07/09	MF	US2	18:36:24	T	1.1	261.1	0.75	29.22	19.20	107.75	7.43	3.90	8.07	6
2014/07/09	MF	US2	18:37:13	B	5.1	273.6	0.44	27.11	25.83	53.58	3.69	7.50	7.67	5
2014/07/09	MF	US2	18:37:58	M	3.8	219.9	0.32	27.64	23.84	62.44	4.31	4.80	7.75	5
2014/07/09	MF	US2	18:38:49	T	0.9	335.4	0.90	29.62	18.26	123.97	8.53	4.10	8.21	5
2014/07/09	MF	US2	18:39:46	B	5.0	256.0	0.42	27.00	26.26	57.46	3.95	7.10	7.66	5
2014/07/09	MF	US2	18:40:37	M	3.3	123.3	0.41	28.17	22.24	70.90	4.89	4.40	7.86	5
2014/07/09	MF	US2	18:41:18	T	1.0	0.6	0.27	29.53	18.47	121.98	8.40	4.10	8.17	5
2014/07/09	MF	MW1	19:32:33	B	18.2	330.2	0.40	25.05	31.55	39.58	2.73	6.90	7.67	10
2014/07/09	MF	MW1	19:34:14	M	10.3	42.8	0.18	25.64	30.32	44.25	3.04	5.80	7.72	6
2014/07/09	MF	MW1	19:35:33	T	1.0	44.1	0.22	27.26	26.51	80.05	5.47	4.00	7.87	7
2014/07/09	MF	MW1	19:36:49	B	17.7	129.7	0.33	25.11	31.44	38.38	2.65	6.30	7.67	10
2014/07/09	MF	MW1	19:37:33	M	9.9	331.3	0.21	25.63	30.31	43.25	2.98	5.70	7.71	6
2014/07/09	MF	MW1	19:38:31	T	1.1	211.0	0.39	27.16	26.99	79.45	5.43	4.20	7.89	7
2014/07/09	MF	MW1	19:39:46	B	18.1	265.6	0.24	25.12	31.42	38.78	2.67	6.40	7.66	10
2014/07/09	MF	MW1	19:40:55	M	9.8	325.8	0.20	25.68	30.17	42.75	2.94	5.30	7.70	6
2014/07/09	MF	MW1	19:41:49	T	1.2	213.7	0.47	27.12	27.05	77.05	5.26	4.60	7.88	7
2014/07/09	MF	THB1	16:57:56	B	3.0	159.1	0.44	29.73	18.55	114.30	7.84	29.30	8.11	36
2014/07/09	MF	THB1	16:58:47	T	1.2	315.4	0.30	30.58	16.85	161.22	11.00	14.00	8.36	20
2014/07/09	MF	THB1	16:59:32	B	2.9	216.3	0.37	29.64	18.76	112.60	7.72	38.00	8.06	37
2014/07/09	MF	THB1	17:00:16	T	1.2	213.6	0.89	30.51	16.77	160.91	11.00	17.40	8.36	20
2014/07/09	MF	THB1	17:01:03	B	3.1	313.5	0.78	29.26	19.82	94.03	6.45	35.10	7.89	36
2014/07/09	MF	THB1	17:02:01	T	1.1	254.3	1.49	30.50	16.68	162.80	11.14	14.30	8.38	20
2014/07/09	MF	THB2	16:58:51	M	1.3	40.0	0.03	30.43	16.09	123.89	8.51	7.03	8.09	4
2014/07/09	MF	THB2	16:59:31	M	1.3	40.0	0.03	30.43	16.09	122.79	8.44	6.83	8.09	4
2014/07/09	MF	THB2	17:00:49	M	1.2	40.0	0.03	30.35	16.23	119.58	8.22	8.03	8.09	5
2014/07/09	MF	WSR45C	18:52:57	B	11.9	95.1	0.35	25.50	30.48	34.74	2.39	12.60	7.63	14
2014/07/09	MF	WSR45C	18:54:08	M	7.0	214.5	0.26	26.22	28.48	37.43	2.58	6.40	7.65	7
2014/07/09	MF	WSR45C	18:55:04	T	1.0	183.8	0.30	30.06	17.59	159.36	10.93	4.30	8.38	8
2014/07/09	MF	WSR45C	18:56:09	B	12.1	56.0	0.71	25.52	30.43	36.53	2.52	11.80	7.63	14
2014/07/09	MF	WSR45C	18:56:57	M	7.0	153.9	0.29	26.24	28.36	35.73	2.46	7.50	7.64	7
2014/07/09	MF	WSR45C	18:57:50	T	1.0	40.6	0.95	29.76	18.47	149.40	10.24	4.10	8.27	8
2014/07/09	MF	WSR45C	18:58:54	B	12.0	123.1	0.51	25.52	30.48	37.32	2.57	10.90	7.63	14
2014/07/09	MF	WSR45C	18:59:44	M	7.1	264.3	0.39	26.30	28.29	41.90	2.88	6.40	7.68	7
2014/07/09	MF	WSR45C	19:00:42	T	1.0	341.2	0.37	29.84	18.20	153.86	10.55	4.10	8.31	8
2014/07/09	MF	WSR46	16:10:05	B	7.5	290.2	0.82	26.69	27.25	44.08	3.03	23.00	7.68	35
2014/07/09	MF	WSR46	16:10:59	M	4.7	344.4	1.06	28.56	21.89	94.25	6.47	6.80	7.95	9
2014/07/09	MF	WSR46	16:11:48	T	1.0	303.4	0.96	30.64	16.98	136.82	9.32	7.30	8.21	8
2014/07/09	MF	WSR46	16:12:57	B	7.5	305.4	0.73	26.80	26.92	48.17	3.31	23.10	7.70	34
2014/07/09	MF	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)
2014/07/09	ME	DS1	11:34:02	B	3.0	123.0	1.16	29.21	19.22	93.72	6.46	5.00	8.00	7
2014/07/09	ME	DS1	11:34:33	T	1.1	142.9	0.61	29.87	17.46	109.64	7.55	5.40	8.14	7
2014/07/09	ME	DS1	11:35:17	B	3.0	104.5	1.36	29.30	19.00	99.12	6.83	5.10	8.01	7
2014/07/09	ME	DS1	11:35:48	T	1.0	69.1	0.52	29.80	17.64	109.24	7.52	5.50	8.13	7
2014/07/09	ME	DS1	11:36:33	B	3.0	353.8	0.33	29.28	19.08	100.13	6.90	5.50	8.01	7
2014/07/09	ME	DS1	11:37:14	T	1.0	246.9	1.63	29.85	17.54	111.64	7.68	5.60	8.13	7
2014/07/09	ME	DS2	11:42:38	B	4.0	85.2	0.35	28.17	22.25	80.51	5.55	3.30	7.90	4
2014/07/09	ME	DS2	11:43:14	M	3.0	26.1	0.94	28.70	20.07	79.40	5.49	4.20	7.89	6
2014/07/09	ME	DS2	11:43:50	T	1.0	210.6	0.40	29.29	17.71	97.43	6.76	3.90	8.05	6
2014/07/09	ME	DS2	11:44:40	B	4.0	111.6	0.60	28.46	21.21	83.11	5.74	3.80	7.91	4
2014/07/09	ME	DS2	11:45:10	M	3.0	62.1	0.19	28.60	20.57	77.80	5.38	3.90	7.88	6
2014/07/09	ME	DS2	11:45:53	T	1.0	212.8	0.50	29.50	16.92	100.84	7.00	3.70	8.09	6
2014/07/09	ME	DS2	11:46:42	B	4.0	42.2	0.09	28.26	21.95	80.81	5.57	2.90	7.90	4
2014/07/09	ME	DS2	11:47:11	M	3.0	309.0	0.18	28.68	20.24	79.51	5.50	3.70	7.90	6
2014/07/09	ME	DS2	11:47:54	T	1.0	335.9	0.26	29.16	17.87	95.23	6.62	3.60	8.02	6
2014/07/09	ME	DS3	11:54:34	B	7.0	357.6	0.58	26.81	26.77	56.98	3.92	3.70	7.77	5
2014/07/09	ME	DS3	11:55:09	M	4.5	295.5	0.65	27.67	23.76	66.59	4.59	2.90	7.87	19
2014/07/09	ME	DS3	11:55:46	T	1.0	268.3	0.78	29.41	17.26	102.55	7.12	3.70	8.09	6
2014/07/09	ME	DS3	11:56:30	B	7.0	187.6	0.39	26.84	26.65	58.28	4.01	3.20	7.77	5
2014/07/09	ME	DS3	11:57:02	M	4.5	81.3	0.68	27.43	24.62	60.39	4.16	2.90	7.84	19
2014/07/09	ME	DS3	11:57:44	T	1.0	235.8	0.74	29.42	17.23	100.75	7.00	3.80	8.08	6
2014/07/09	ME	DS3	11:58:32	B	7.0	259.3	0.38	27.03	26.15	62.99	4.33	3.00	7.80	6
2014/07/09	ME	DS3	11:59:15	M	4.5	120.7	0.35	27.54	24.28	64.39	4.44	3.10	7.85	20
2014/07/09	ME	DS3	12:00:02	T	1.0	207.1	1.18	29.44	17.11	104.85	7.28	3.80	8.10	6
2014/07/09	ME	DS4	12:06:26	B	8.0	349.1	0.28	26.71	27.32	47.47	3.26	5.10	7.71	6
2014/07/09	ME	DS4	12:07:12	M	5.0	29.0	0.35	27.83	23.69	54.18	3.73	4.60	7.77	6
2014/07/09	ME	DS4	12:08:02	T	1.0	344.2	0.14	29.49	17.28	99.05	6.87	3.90	8.09	7
2014/07/09	ME	DS4	12:08:58	B	8.0	222.3	0.65	26.76	27.16	50.08	3.44	5.80	7.72	6
2014/07/09	ME	DS4	12:09:42	M	5.0	345.0	0.69	27.87	23.41	56.39	3.88	4.40	7.79	6
2014/07/09	ME	DS4	12:10:27	T	1.0	76.4	0.64	29.59	16.87	107.17	7.43	4.00	8.13	6
2014/07/09	ME	DS4	12:11:15	B	8.0	33.5	0.32	26.72	27.23	49.08	3.37	5.70	7.71	6
2014/07/09	ME	DS4	12:12:11	M	5.0	92.2	0.32	27.78	23.82	54.19	3.73	4.70	7.77	6
2014/07/09	ME	DS4	12:13:01	T	1.0	221.4	1.32	29.54	17.09	109.37	7.59	3.80	8.13	7
2014/07/09	ME	DS5	12:17:50	B	10.0	309.0	0.26	26.65	27.37	45.87	3.15	5.80	7.71	8
2014/07/09	ME	DS5	12:18:39	M	5.9	82.2	1.40	27.78	23.96	47.88	3.29	4.70	7.74	6
2014/07/09	ME	DS5	12:20:26	T	1.0	72.9	1.95	30.13	16.16	127.01	8.77	5.10	8.18	8
2014/07/09	ME	DS5	12:22:18	B	10.0	150.7	0.67	26.76	27.23	47.48	3.26	5.70	7.70	8
2014/07/09	ME	DS5	12:23:02	M	6.0	39.7	0.39	27.82	24.06	48.18	3.31	5.10	7.73	6
2014/07/09	ME	DS5	12:24:16	T	0.9	12.6	0.64	30.11	15.99	121.70	8.41	5.00	8.17	8
2014/07/09	ME	DS5	12:25:05	B	10.0	38.6	0.16	26.73	27.20	50.08	3.44	5.20	7.71	8
2014/07/09	ME	DS5	12:26:02	M	6.0	113.7	1.10	27.17	25.98	45.18	3.10	4.50	7.72	6
2014/07/09	ME	DS5	12:27:13	T	1.0	162.5	1.32	30.23	16.03	124.91	8.61	4.80	8.18	8
2014/07/09	ME	US1	11:24:10	B	3.1	55.3	1.78	28.33	21.79	63.47	4.38	15.50	7.79	15
2014/07/09	ME	US1	11:24:41	T	1.0	71.6	0.23	29.67	18.68	77.29	5.30	11.80	7.96	13
2014/07/09	ME	US1	11:25:26	B	3.0	23.8	0.43	28.81	20.56	66.88	4.61	12.10	7.75	16
2014/07/09	ME	US1	11:26:00	T	1.1	339.4	0.94	29.79	18.47	81.90	5.61	10.10	7.98	14
2014/07/09	ME	US1	11:26:34	B	3.0	291.7	0.31	28.79	20.91	69.08	4.75	11.90	7.79	15
2014/07/09	ME	US1	11:27:10	T	1.1	195.3	0.35	29.60	18.83	74.39	5.10	11.30	7.94	13
2014/07/09	ME	US2	11:14:01	B	3.0	270.9	0.47	28.37	22.14	50.75	3.49	24.10	7.70	28
2014/07/09	ME	US2	11:15:01	T	1.1	21.1	0.49	30.03	17.93	92.30	6.32	8.00	8.02	11
2014/07/09	ME	US2	11:15:35	B	3.0	249.0	0.44	27.96	23.35	59.96	4.12	20.80	7.74	28
2014/07/09	ME	US2	11:16:26	T	1.0	172.5	0.40	29.75	18.51	79.69	5.46	9.50	7.96	10
2014/07/09	ME	US2	11:17:04	B	3.0	200.7	0.32	28.29	22.31	58.26	4.01	22.20	7.73	28
2014/07/09	ME	US2	11:17:51	T	1.1	324.2	1.22	29.80	18.41	76.08	5.22	10.00	7.96	11
2014/07/09	ME	MW1	09:45:17	B	18.9	110.6	0.26	25.03	31.78	41.21	2.84	7.70	7.72	9
2014/07/09	ME	MW1	09:46:16	M	10.5	226.2	0.13	26.63	26.93	52.72	3.63	3.30	7.85	5
2014/07/09	ME	MW1	09:47:06	T	1.4	222.1	0.56	29.41	17.68	118.63	8.22	2.70	8.22	5
2014/07/09	ME	MW1	09:48:00	B	19.0	81.9	0.48	25.06	31.74	43.11	2.97	6.80	7.73	9
2014/07/09	ME	MW1	09:48:49	M	10.6	307.8	0.26	27.46	23.93	61.72	4.27	3.50	7.93	5
2014/07/09	ME	MW1	09:50:25	T	1.0	24.8	0.27	29.38	17.53	129.54	8.99	3.00	8.22	5
2014/07/09	ME	MW1	09:51:31	B	18.8	96.8	0.31	25.07	31.74	47.12	3.25	5.60	7.72	9
2014/07/09	ME	MW1	09:52:16	M	10.6	55.0	0.68	27.43	24.01	56.32	3.89	3.50	7.92	4
2014/07/09	ME	MW1	09:53:12	T	0.9	168.2	0.43	29.43	17.08	121.94	8.47	3.20	8.25	5
2014/07/09	ME	THB1	11:03:53	B	3.0	83.9	0.36	27.58	24.48	53.75	3.70	12.90	7.68	18
2014/07/09	ME	THB1	11:04:23	T	1.0	265.5	1.08	30.69	16.40	88.39	6.04	7.80	8.17	10
2014/07/09	ME	THB1	11:04:56	B	3.0	163.3	0.87	27.93	23.45	63.56	4.37	12.60	7.70	16
2014/07/09	ME	THB1	11:05:32	T	1.1	161.3	1.23	30.40	16.84	107.21	7.34	6.40	8.17	11
2014/07/09	ME	THB1	11:06:11	B	2.9	112.5	0.40	27.87	23.55	61.76	4.25	11.60	7.72	17
2014/07/09	ME	THB1	11:06:52	T	0.9	74.9	0.77	30.47	16.77	99.80	6.83	7.10	8.17	11
2014/07/09	ME	WSR45C	10:34:50	B	11.9	306.8	0.28	25.27	31.14	31.12	2.14	8.60	7.72	9
2014/07/09	ME	WSR45C	10:35:29	M	6.5	118.2	0.51	27.30	25.00	44.73	3.08	5.30	7.79	8
2014/07/09	ME	WSR45C	10:36:24	T	1.0	201.6	1.01	29.46	15.27	97.97	6.87	3.60	8.05	6
2014/07/09	ME	WSR45C	10:37:18	B	12.0	355.4	0.35	25.32	31.03	35.33	2.43	8.10	7.71	9
2014/07/09	ME	WSR45C	10:38:13	M	6.7	79.5	0.56	27.19	25.38	40.53	2.79	5.80	7.77	8
2014/07/09	ME	WSR45C	10:39:10	T	1.3	322.3	0.42	29.48	15.12	95.57	6.71	3.60	8.06	6
2014/07/09	ME	WSR45C	10:39:59	B	12.0	24.6	0.30	25.37	30.93	37.73	2.60	7.90	7.70	9
2014/07/09	ME	WSR45C	10:40:36	M	6.9	201.8	0.88	27.17	25.54	42.13	2.90	5.60	7.77	8
2014/07/09	ME	WSR45C	10:41:27	T	1.3	53.6	0.73	29.44	15.45	94.17	6.60	3.70	8.04	6
2014/07/09	ME	WSR46	12:46:15	B	9.1	99.8	0.53	27.51	25.99	41.38	2.83	9.30	7.63	9
2014/07/09	ME	WSR46	12:46:59	M	5.5	309.1	0.10	28.97	19.89	71.13	4.90	6.70	7.85	7
2014/07/09	ME	WSR46	12:47:48	T	0.9	149.8	1.00	30.27	15.06	109.91	7.61	3.90	8.02	8
2014/07/09	ME	WSR46	12:48:34	B	9.0	80.3	0.44	27.56	25.86	41.28	2.82	12.20	7.62	9
2014/07/09	ME	WSR46	12:49:18	M	5.7	115.9	0.58	29.04	19.72	77.75	5.36	5.70	7.89	7
2014/07/09	ME	WSR46	12:50:16	T	0.9	42.1	0.80	30.39	15.14	112.62	7.78	3.80	8.03	8
2014/07/09	ME	WSR46	12:51:19	B	8.9	286.6	0.41	27.55	25.84	36.37	2.48	8.50	7.63	9
2014/07/09	ME	WSR46	12:52:04	M	5.6	67.5	0.58	28.59	21.46	64.12	4.41	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)
2014/07/11	MF	DS1	06:07:03	B	3.2	228.4	0.33	28.53	20.03	66.99	4.65	4.30	7.74	7
2014/07/11	MF	DS1	06:07:30	T	1.0	98.4	0.06	28.76	18.78	67.98	4.73	4.00	7.73	5
2014/07/11	MF	DS1	06:08:04	B	3.1	125.0	0.54	28.39	21.13	63.42	4.38	5.60	7.74	7
2014/07/11	MF	DS1	06:08:27	T	1.1	297.7	0.51	28.61	19.83	64.31	4.46	6.50	7.73	6
2014/07/11	MF	DS1	06:09:20	B	2.9	72.7	0.69	28.39	21.10	62.22	4.30	8.00	7.73	7
2014/07/11	MF	DS1	06:10:04	T	1.3	59.7	0.23	28.62	19.46	65.69	4.57	4.70	7.73	5
2014/07/11	MF	DS2	06:15:20	B	3.2	180.9	0.37	28.45	20.63	68.14	4.72	4.80	7.73	8
2014/07/11	MF	DS2	06:15:46	T	1.0	15.8	0.25	28.86	18.35	75.57	5.26	4.30	7.81	8
2014/07/11	MF	DS2	06:16:15	B	3.2	117.5	0.63	28.84	19.27	77.45	5.37	4.90	7.84	8
2014/07/11	MF	DS2	06:16:40	T	0.9	203.0	0.44	28.88	18.79	79.23	5.50	4.70	7.84	8
2014/07/11	MF	DS2	06:17:07	B	3.0	83.1	0.30	28.40	20.90	66.75	4.62	5.60	7.72	8
2014/07/11	MF	DS2	06:17:35	T	1.0	263.9	0.21	28.85	19.17	72.99	5.06	5.10	7.84	8
2014/07/11	MF	DS3	06:21:43	B	3.0	251.6	0.67	28.51	20.27	64.85	4.50	5.50	7.71	6
2014/07/11	MF	DS3	06:22:27	T	0.9	282.9	0.15	28.79	18.64	70.78	4.93	4.50	7.76	5
2014/07/11	MF	DS3	06:23:03	B	2.9	146.2	0.26	28.52	20.25	62.66	4.34	6.10	7.71	6
2014/07/11	MF	DS3	06:23:37	T	1.1	210.8	0.18	28.74	19.08	67.41	4.69	5.10	7.73	5
2014/07/11	MF	DS3	06:24:07	B	3.1	80.2	1.06	28.49	20.51	62.36	4.32	7.20	7.71	6
2014/07/11	MF	DS3	06:24:38	T	1.0	65.7	0.54	28.76	18.92	67.21	4.67	5.00	7.75	5
2014/07/11	MF	DS4	06:28:49	B	5.0	245.2	0.25	29.09	21.26	66.80	4.56	12.30	7.76	14
2014/07/11	MF	DS4	06:29:24	M	3.5	293.4	0.24	28.75	19.58	65.90	4.57	8.90	7.76	15
2014/07/11	MF	DS4	06:29:48	T	1.1	250.6	0.73	28.75	18.80	70.45	4.90	5.70	7.75	6
2014/07/11	MF	DS4	06:30:22	B	5.1	300.0	0.16	29.14	21.62	67.68	4.61	9.50	7.80	14
2014/07/11	MF	DS4	06:30:49	M	3.5	83.4	0.57	28.73	19.79	64.81	4.49	9.20	7.74	16
2014/07/11	MF	DS4	06:31:25	T	1.1	329.2	0.20	28.73	18.52	70.05	4.88	4.80	7.73	6
2014/07/11	MF	DS4	06:32:07	B	5.0	149.5	0.58	29.15	21.55	67.38	4.59	10.70	7.80	14
2014/07/11	MF	DS4	06:32:31	M	3.5	234.8	0.31	28.74	20.64	64.11	4.42	11.10	7.74	16
2014/07/11	MF	DS4	06:33:00	T	1.0	258.1	0.81	28.73	18.73	68.26	4.75	6.00	7.74	6
2014/07/11	MF	DS5	06:38:07	B	6.1	19.1	0.21	29.17	21.84	78.62	5.34	8.30	7.80	10
2014/07/11	MF	DS5	06:38:34	M	4.1	11.6	0.34	29.27	19.44	80.99	5.57	7.50	7.94	11
2014/07/11	MF	DS5	06:39:01	T	1.0	246.7	0.27	29.31	19.32	93.35	6.42	6.80	7.96	8
2014/07/11	MF	DS5	06:39:35	B	6.1	51.4	0.34	28.65	22.67	94.34	6.44	6.80	7.74	10
2014/07/11	MF	DS5	06:40:04	M	4.1	62.5	0.91	29.40	19.74	82.67	5.66	8.10	7.94	12
2014/07/11	MF	DS5	06:40:31	T	0.9	299.0	0.11	29.37	19.38	94.63	6.50	7.10	7.97	8
2014/07/11	MF	DS5	06:41:17	B	6.1	194.7	0.24	29.07	21.92	69.11	4.70	9.90	7.80	10
2014/07/11	MF	DS5	06:41:45	M	3.9	314.7	0.62	29.42	19.77	84.54	5.79	8.20	7.94	11
2014/07/11	MF	DS5	06:42:15	T	0.9	260.9	0.34	29.37	19.34	94.52	6.49	7.10	7.97	8
2014/07/11	MF	US1	05:58:16	B	4.1	273.8	0.60	27.76	23.59	65.84	4.54	6.30	7.76	8
2014/07/11	MF	US1	05:58:43	M	3.1	271.2	0.39	28.09	22.32	65.34	4.51	5.20	7.80	7
2014/07/11	MF	US1	05:59:09	T	1.0	298.2	0.62	28.61	19.86	73.17	5.08	4.70	7.83	6
2014/07/11	MF	US1	05:59:45	B	4.1	194.6	0.27	27.85	23.29	63.16	4.35	7.10	7.76	8
2014/07/11	MF	US1	06:00:08	M	3.0	259.9	0.75	28.05	22.50	63.75	4.40	5.30	7.80	7
2014/07/11	MF	US1	06:00:36	T	1.1	236.9	0.28	28.55	20.21	72.77	5.04	4.70	7.84	7
2014/07/11	MF	US1	06:01:05	B	4.2	5.8	0.65	27.86	23.23	64.84	4.47	6.00	7.76	8
2014/07/11	MF	US1	06:01:28	M	3.0	308.2	0.22	27.80	23.41	60.18	4.15	6.90	7.76	6
2014/07/11	MF	US1	06:01:59	T	0.9	125.8	0.48	28.59	20.08	73.36	5.08	4.80	7.84	6
2014/07/11	MF	US2	05:49:03	B	5.9	251.8	0.98	27.01	26.50	63.50	4.36	13.40	7.78	17
2014/07/11	MF	US2	05:49:31	M	4.2	230.5	0.41	27.28	25.64	59.13	4.06	7.70	7.79	19
2014/07/11	MF	US2	05:50:03	T	1.1	304.4	1.90	28.73	18.89	74.51	5.19	4.90	7.83	6
2014/07/11	MF	US2	05:50:40	B	5.9	188.9	0.86	27.00	26.53	58.13	3.99	16.80	7.77	17
2014/07/11	MF	US2	05:51:28	M	3.9	317.0	0.70	27.04	26.30	54.46	3.74	11.10	7.78	19
2014/07/11	MF	US2	05:52:00	T	1.0	194.2	0.75	28.67	18.82	72.51	5.05	5.00	7.82	6
2014/07/11	MF	US2	05:52:41	B	6.0	116.6	0.18	26.99	26.55	57.04	3.92	12.70	7.78	16
2014/07/11	MF	US2	05:53:10	M	4.0	218.1	0.81	28.27	21.35	68.44	4.74	6.40	7.87	17
2014/07/11	MF	US2	05:53:45	T	1.1	301.9	1.01	28.66	18.74	76.08	5.30	4.30	7.80	6
2014/07/11	MF	MW1	04:20:47	B	19.0	86.2	0.24	25.44	30.61	40.42	2.79	7.30	7.72	7
2014/07/11	MF	MW1	04:21:33	M	10.6	92.6	0.35	25.89	29.47	43.01	2.96	6.90	7.75	8
2014/07/11	MF	MW1	04:22:20	T	1.1	193.6	0.66	28.63	20.32	82.12	5.68	3.00	7.95	6
2014/07/11	MF	MW1	04:23:26	B	18.9	72.5	0.46	25.48	30.51	41.21	2.84	6.80	7.73	8
2014/07/11	MF	MW1	04:24:04	M	10.8	323.7	0.25	25.33	29.39	42.40	2.92	7.50	7.76	8
2014/07/11	MF	MW1	04:24:52	T	1.1	251.4	0.30	28.34	21.32	75.63	5.23	3.30	7.94	6
2014/07/11	MF	MW1	04:25:55	B	19.2	26.3	0.32	25.44	30.58	41.50	2.86	7.60	7.74	8
2014/07/11	MF	MW1	04:26:36	M	10.2	250.4	0.39	25.84	29.49	41.40	2.85	6.40	7.77	8
2014/07/11	MF	MW1	04:27:19	T	0.8	290.6	0.42	28.25	21.70	73.92	5.11	3.20	7.94	6
2014/07/11	MF	THB1	06:58:57	B	3.2	193.0	0.27	28.48	20.78	68.05	4.71	6.40	7.68	7
2014/07/11	MF	THB1	06:59:25	T	0.9	336.3	0.10	28.66	19.98	65.38	4.53	5.90	7.73	7
2014/07/11	MF	THB1	06:59:59	B	3.0	258.3	0.72	28.56	20.35	62.81	4.35	5.70	7.70	7
2014/07/11	MF	THB1	07:00:42	T	1.0	254.9	0.23	28.78	19.36	72.48	5.03	5.70	7.77	8
2014/07/11	MF	THB1	07:01:09	B	2.9	40.2	0.33	28.58	20.26	65.57	4.54	5.60	7.70	7
2014/07/11	MF	THB1	07:01:40	T	0.9	192.6	0.15	28.72	19.62	68.43	4.74	5.70	7.77	7
2014/07/11	MF	THB2	07:04:44	M	1.7	40.0	0.03	28.86	19.64	75.90	5.25	16.62	7.72	5
2014/07/11	MF	THB2	07:05:27	M	1.7	40.0	0.03	28.86	19.67	74.10	5.12	16.12	7.75	5
2014/07/11	MF	THB2	07:06:05	M	1.7	40.0	0.04	28.86	19.66	72.80	5.03	15.82	7.76	5
2014/07/11	MF	WSR45C	04:56:32	B	12.9	165.0	0.66	26.43	28.33	56.25	3.86	23.70	7.80	24
2014/07/11	MF	WSR45C	04:57:37	M	7.7	221.2	0.57	26.81	27.09	57.84	3.97	10.20	7.82	25
2014/07/11	MF	WSR45C	04:58:26	T	1.1	266.5	1.02	28.71	19.44	80.93	5.62	5.30	7.89	21
2014/07/11	MF	WSR45C	04:59:30	B	12.9	203.5	0.25	26.42	28.33	52.76	3.62	32.60	7.79	23
2014/07/11	MF	WSR45C	05:00:26	M	7.7	258.5	0.92	26.80	27.15	56.34	3.87	15.20	7.81	24
2014/07/11	MF	WSR45C	05:01:12	T	1.3	241.1	1.31	28.73	19.25	79.82	5.54	5.60	7.89	20
2014/07/11	MF	WSR45C	05:02:06	B	13.0	241.7	0.85	26.40	28.41	53.74	3.69	22.30	7.79	24
2014/07/11	MF	WSR45C	05:02:49	M	7.4	219.1	0.32	26.57	27.83	53.14	3.65	16.40	7.80	25
2014/07/11	MF	WSR45C	05:03:35	T	1.2	240.0	1.19	28.72	19.30	78.62	5.46	5.50	7.89	20
2014/07/11	MF	WSR46	05:21:23	B	10.0	281.2	0.62	26.84	26.98	52.78	3.62	41.40	7.77	26
2014/07/11	MF	WSR46	05:22:17	M	6.2	269.1	0.93	27.05	26.29	54.07	3.71	23.30	7.77	21
2014/07/11	MF	WSR46	05:23:06	T	1.1	304.4	1.22	28.72	20.66	78.12	5.38	6.00	7.89	7
2014/07/11	MF	WSR46	05:25:53	B	9.8	335.6	1.03	26.79	27.13	52.37	3.60	41.70	7.76	26
2014/07/11	MF	WSR46	05:26:46	M	6.1	268.8	1.38	27.19	25.79	54.65	3.76	22		

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)
2014/07/11	ME	DS1	11:12:40	B	4.0	25.1	0.80	27.16	25.67	65.97	4.54	4.70	7.83	9
2014/07/11	ME	DS1	11:13:15	M	2.8	331.9	0.27	28.01	22.74	60.40	4.16	7.70	7.76	10
2014/07/11	ME	DS1	11:13:57	T	1.0	67.5	0.33	29.05	19.17	87.92	6.08	4.00	7.91	9
2014/07/11	ME	DS1	11:14:30	B	4.2	14.3	0.57	27.14	25.74	67.15	4.62	4.60	7.83	9
2014/07/11	ME	DS1	11:15:01	M	3.0	25.9	0.36	27.92	22.98	62.38	4.30	6.50	7.79	10
2014/07/11	ME	DS1	11:15:33	T	1.2	317.6	0.35	28.78	19.97	76.78	5.31	5.60	7.85	9
2014/07/11	ME	DS1	11:16:18	B	4.2	274.0	0.59	27.74	23.51	65.25	4.50	6.60	7.80	9
2014/07/11	ME	DS1	11:16:43	M	2.8	243.9	0.26	28.28	21.75	63.26	4.37	9.70	7.79	10
2014/07/11	ME	DS1	11:17:22	T	0.9	228.8	0.49	28.79	19.91	75.47	5.22	6.10	7.86	9
2014/07/11	ME	DS2	11:21:30	B	5.2	280.2	0.55	28.46	21.37	72.77	5.02	6.30	7.81	9
2014/07/11	ME	DS2	11:22:05	M	3.4	146.5	0.38	28.70	20.40	76.43	5.28	6.80	7.84	9
2014/07/11	ME	DS2	11:22:48	T	1.3	269.9	1.88	29.17	19.29	94.69	6.53	4.20	7.96	7
2014/07/11	ME	DS2	11:23:27	B	5.0	172.3	0.86	27.99	22.86	70.27	4.84	6.00	7.82	9
2014/07/11	ME	DS2	11:24:03	M	3.6	153.1	0.29	28.65	20.60	73.24	5.06	5.90	7.84	9
2014/07/11	ME	DS2	11:24:40	T	1.2	41.7	0.26	29.08	19.44	90.21	6.22	4.60	7.94	7
2014/07/11	ME	DS2	11:25:22	B	4.9	336.5	0.75	28.04	22.74	70.36	4.85	5.70	7.82	9
2014/07/11	ME	DS2	11:25:48	M	3.4	47.6	0.47	28.47	21.00	68.67	4.74	5.40	7.80	9
2014/07/11	ME	DS2	11:26:17	T	1.1	32.8	1.68	28.89	19.90	79.98	5.52	5.90	7.89	7
2014/07/11	ME	DS3	11:31:32	B	7.0	136.6	0.03	28.33	21.95	76.57	5.27	6.10	7.84	8
2014/07/11	ME	DS3	11:32:21	M	4.6	332.3	0.11	28.68	20.80	78.54	5.41	5.50	7.86	7
2014/07/11	ME	DS3	11:33:06	T	1.1	135.8	0.49	28.98	20.08	85.98	5.92	4.80	7.91	7
2014/07/11	ME	DS3	11:33:48	B	7.1	84.7	0.75	28.47	21.54	77.05	5.31	5.80	7.85	8
2014/07/11	ME	DS3	11:34:14	M	4.8	110.4	0.27	28.69	20.71	77.84	5.37	5.50	7.87	7
2014/07/11	ME	DS3	11:34:50	T	1.1	313.6	0.08	28.37	19.39	93.69	6.43	3.90	7.97	7
2014/07/11	ME	DS3	11:35:28	B	7.0	358.2	0.47	28.31	22.02	76.74	5.29	5.80	7.84	7
2014/07/11	ME	DS3	11:35:55	M	4.7	270.7	0.24	28.66	20.86	76.83	5.30	5.60	7.86	7
2014/07/11	ME	DS3	11:36:23	T	1.0	43.8	1.65	29.33	19.29	90.11	6.20	4.00	7.98	7
2014/07/11	ME	DS4	11:41:38	B	9.1	309.8	0.46	26.62	27.63	51.03	3.50	36.90	7.73	20
2014/07/11	ME	DS4	11:42:16	M	5.5	92.8	1.25	28.10	22.47	66.88	4.61	9.80	7.83	8
2014/07/11	ME	DS4	11:42:57	T	0.8	161.8	0.70	28.84	20.06	81.14	5.60	5.30	7.87	8
2014/07/11	ME	DS4	11:44:06	B	9.2	56.6	0.82	26.76	27.09	49.23	3.38	17.30	7.75	21
2014/07/11	ME	DS4	11:44:49	M	5.4	135.6	0.07	27.84	23.32	63.20	4.36	7.50	7.81	9
2014/07/11	ME	DS4	11:45:32	T	0.9	234.7	0.45	28.74	20.39	78.35	5.41	5.50	7.87	8
2014/07/11	ME	DS4	11:48:58	B	9.1	325.4	0.21	26.47	28.06	44.76	3.07	25.40	7.74	19
2014/07/11	ME	DS4	11:49:45	M	5.6	44.5	0.70	28.32	21.85	70.10	4.83	6.30	7.83	8
2014/07/11	ME	DS4	11:50:19	T	1.2	332.2	1.74	28.91	19.93	81.88	5.65	4.90	7.89	8
2014/07/11	ME	DS5	11:55:41	B	8.9	77.5	0.47	27.39	24.96	64.42	4.43	9.60	7.78	8
2014/07/11	ME	DS5	11:56:21	M	5.1	83.6	0.07	28.25	22.03	70.85	4.88	6.10	7.84	8
2014/07/11	ME	DS5	11:57:05	T	1.0	85.3	1.04	29.25	17.95	89.25	6.19	4.40	7.89	7
2014/07/11	ME	DS5	11:58:30	B	8.7	358.4	0.82	27.60	24.29	61.04	4.20	8.10	7.79	8
2014/07/11	ME	DS5	11:59:10	M	5.4	121.6	0.47	28.34	21.74	71.52	4.93	5.90	7.84	8
2014/07/11	ME	DS5	11:59:56	T	1.3	101.2	0.58	29.26	18.09	89.22	6.18	4.50	7.90	7
2014/07/11	ME	DS5	12:00:46	B	8.1	315.0	0.49	27.75	23.52	63.01	4.34	11.50	7.80	8
2014/07/11	ME	DS5	12:01:29	M	5.7	270.7	0.66	28.42	21.58	73.39	5.06	6.20	7.85	8
2014/07/11	ME	DS5	12:02:07	T	1.2	151.8	0.58	29.24	18.15	86.63	6.00	4.80	7.89	7
2014/07/11	ME	US1	11:04:24	B	3.0	165.0	0.59	28.16	22.93	70.20	4.82	10.30	7.80	14
2014/07/11	ME	US1	11:04:51	T	1.0	346.0	0.44	29.25	19.91	84.81	5.82	7.80	7.98	8
2014/07/11	ME	US1	11:05:27	B	3.1	22.2	0.09	28.51	22.36	74.17	5.08	10.00	7.84	13
2014/07/11	ME	US1	11:06:00	T	1.0	305.8	1.82	28.80	21.57	74.26	5.09	9.70	7.89	8
2014/07/11	ME	US1	11:06:27	B	3.1	209.2	0.22	28.31	22.95	67.30	4.61	10.30	7.81	13
2014/07/11	ME	US1	11:07:00	T	1.0	145.0	0.35	28.72	21.83	72.07	4.94	9.90	7.87	8
2014/07/11	ME	US2	10:58:08	B	3.1	26.2	0.14	29.20	20.68	92.12	6.30	7.50	7.93	9
2014/07/11	ME	US2	10:58:37	T	1.2	160.4	0.33	29.53	19.29	101.37	6.95	5.80	8.04	8
2014/07/11	ME	US2	10:59:02	B	2.9	247.0	1.04	28.76	22.00	77.99	5.33	10.00	7.84	10
2014/07/11	ME	US2	10:59:28	T	1.2	173.6	1.41	29.51	19.59	94.50	6.47	7.10	8.04	8
2014/07/11	ME	US2	11:00:03	B	2.8	114.3	0.89	28.81	21.83	74.20	5.07	11.00	7.85	10
2014/07/11	ME	US2	11:00:40	T	1.1	120.7	0.47	29.39	19.13	100.06	6.88	5.60	8.03	8
2014/07/11	ME	MW1	12:40:56	B	19.1	227.5	0.66	27.65	23.97	67.11	4.62	6.50	7.81	9
2014/07/11	ME	MW1	12:41:41	M	10.6	13.1	1.10	27.76	23.87	66.61	4.59	5.90	7.81	8
2014/07/11	ME	MW1	12:42:24	T	1.2	33.3	0.73	28.28	21.80	73.21	5.05	4.90	7.87	8
2014/07/11	ME	MW1	12:43:29	B	19.1	44.0	0.27	27.47	24.53	64.53	4.45	7.40	7.80	9
2014/07/11	ME	MW1	12:44:09	M	10.2	80.4	0.54	27.81	23.41	64.82	4.47	5.70	7.79	8
2014/07/11	ME	MW1	12:44:55	T	1.4	95.2	0.74	28.36	21.79	73.29	5.05	4.40	7.87	8
2014/07/11	ME	MW1	12:46:03	B	19.2	313.2	0.82	27.51	24.42	62.74	4.32	6.80	7.79	9
2014/07/11	ME	MW1	12:46:55	M	10.5	28.4	0.32	27.55	24.25	63.13	4.35	6.50	7.79	8
2014/07/11	ME	MW1	12:47:44	T	1.2	97.5	0.28	28.49	22.81	81.54	5.58	4.70	7.86	8
2014/07/11	ME	THB1	10:09:32	B	3.1	308.8	0.90	29.06	20.57	78.15	5.36	8.60	7.81	10
2014/07/11	ME	THB1	10:10:01	T	0.9	7.1	0.80	29.31	20.32	81.95	5.60	7.90	7.90	9
2014/07/11	ME	THB1	10:10:49	B	2.9	183.6	1.57	29.11	20.46	76.84	5.27	8.30	7.85	10
2014/07/11	ME	THB1	10:11:32	T	0.8	196.5	0.15	29.25	19.96	84.73	5.81	7.20	7.91	10
2014/07/11	ME	THB1	10:12:03	B	3.0	356.8	0.32	29.16	20.30	79.83	5.47	7.80	7.88	9
2014/07/11	ME	THB1	10:12:33	T	1.0	317.4	0.29	29.21	19.97	82.33	5.65	7.40	7.91	10
2014/07/11	ME	THB2	10:06:34	M	1.5	40.0	0.03	28.80	19.87	82.70	5.72	10.83	7.84	6
2014/07/11	ME	THB2	10:07:11	M	1.6	40.0	0.04	28.81	19.67	81.30	5.63	11.43	7.88	6
2014/07/11	ME	THB2	10:08:05	M	1.6	40.0	0.03	28.80	19.68	81.19	5.62	11.33	7.91	6
2014/07/11	ME	WSR45C	12:06:39	B	12.1	26.5	0.60	27.53	24.47	63.56	4.38	8.20	7.77	10
2014/07/11	ME	WSR45C	12:07:19	M	7.0	321.8	0.47	28.14	22.40	64.05	4.42	7.00	7.82	7
2014/07/11	ME	WSR45C	12:08:02	T	1.0	97.1	1.90	29.21	17.90	82.73	5.74	4.50	7.84	7
2014/07/11	ME	WSR45C	12:09:15	B	12.1	92.2	0.13	27.49	24.63	60.68	4.18	9.70	7.77	10
2014/07/11	ME	WSR45C	12:09:50	M	6.8	68.6	0.60	28.30	21.85	70.46	4.86	6.00	7.83	7
2014/07/11	ME	WSR45C	12:10:31	T	1.3	105.4	1.66	29.13	18.15	83.31	5.78	4.60	7.84	6
2014/07/11	ME	WSR45C	12:11:24	B	12.0	120.0	0.40	27.39	24.92	59.78	4.12	11.60	7.77	11
2014/07/11	ME	WSR45C	12:12:00	M	7.0	113.2	0.67	28.33	21.77	70.55	4.86	6.20	7.83	7
2014/07/11	ME	WSR45C	12:12:42	T	0.9	90.9	0.98	29.14	18.18	81.91	5.68	4.70	7.83	7
2014/07/11	ME	WSR46	10:35:34	B	9.9	315.0	0.03	27.12	25.97	59.02	4.06	10.00	7.78	12
2014/07/11	ME	WSR46	10:36:05	M	6.1	154.7	0.67	27.98	22.81	57.42	3.96	7.40	7.76	9
2014/0														

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)
2014/07/14	MF	DS1	07:50:52	B	2.9	38.3	0.32	29.09	18.00	62.91	4.37	7.60	7.59	8
2014/07/14	MF	DS1	07:51:34	T	0.9	304.3	0.53	29.23	17.16	63.51	4.43	5.90	7.59	5
2014/07/14	MF	DS1	07:52:20	B	2.9	259.1	0.34	28.96	18.85	56.22	3.90	8.60	7.60	8
2014/07/14	MF	DS1	07:53:06	T	1.1	344.0	0.51	29.20	17.53	58.12	4.04	6.40	7.58	5
2014/07/14	MF	DS1	07:54:00	B	3.0	152.6	0.42	28.93	19.18	55.32	3.83	8.80	7.60	8
2014/07/14	MF	DS1	07:54:52	T	1.1	163.2	0.90	29.16	17.80	57.02	3.96	7.10	7.57	5
2014/07/14	MF	DS2	08:00:14	B	3.0	210.0	0.39	29.14	18.00	62.01	4.31	7.70	7.58	8
2014/07/14	MF	DS2	08:00:40	T	1.0	324.8	0.20	29.25	17.02	61.41	4.28	7.30	7.58	8
2014/07/14	MF	DS2	08:01:24	B	3.0	251.4	0.55	29.11	18.26	59.21	4.11	9.50	7.58	8
2014/07/14	MF	DS2	08:02:11	T	1.0	269.8	1.21	29.27	17.06	60.31	4.20	7.10	7.57	8
2014/07/14	MF	DS2	08:02:51	B	2.9	249.9	0.36	29.08	19.09	58.91	4.07	10.00	7.60	8
2014/07/14	MF	DS2	08:03:32	T	1.0	292.7	0.33	29.24	17.22	59.61	4.15	7.30	7.57	8
2014/07/14	MF	DS3	08:08:46	B	2.9	317.1	0.51	29.14	18.90	62.00	4.29	6.70	7.61	7
2014/07/14	MF	DS3	08:09:40	T	0.9	64.4	0.61	29.29	16.91	62.70	4.37	5.50	7.58	7
2014/07/14	MF	DS3	08:10:25	B	3.1	111.3	1.03	29.16	18.28	60.60	4.20	6.60	7.59	6
2014/07/14	MF	DS3	08:11:04	T	1.1	166.7	1.36	29.29	16.97	62.10	4.33	5.10	7.58	7
2014/07/14	MF	DS3	08:11:50	B	2.9	319.1	0.31	29.13	18.48	60.30	4.18	6.70	7.60	7
2014/07/14	MF	DS3	08:12:32	T	1.0	240.2	0.65	29.27	16.98	60.10	4.19	6.80	7.58	6
2014/07/14	MF	DS4	08:17:29	B	4.9	137.1	1.11	29.22	19.55	61.99	4.26	9.90	7.62	10
2014/07/14	MF	DS4	08:18:17	M	3.4	247.3	0.98	29.09	18.32	57.50	3.99	8.40	7.56	8
2014/07/14	MF	DS4	08:18:57	T	1.3	20.1	0.66	29.26	17.00	61.19	4.27	5.50	7.57	5
2014/07/14	MF	DS4	08:19:45	B	4.8	269.0	0.77	29.24	20.01	59.30	4.07	10.70	7.61	9
2014/07/14	MF	DS4	08:20:27	M	3.5	206.5	0.53	29.11	18.55	57.20	3.96	9.00	7.57	9
2014/07/14	MF	DS4	08:21:16	T	1.0	294.6	0.69	29.25	17.10	60.89	4.24	5.60	7.57	5
2014/07/14	MF	DS4	08:22:00	B	4.9	184.7	0.42	29.14	19.32	57.60	3.97	8.80	7.59	10
2014/07/14	MF	DS4	08:22:48	M	3.5	263.9	0.39	29.08	18.33	56.70	3.93	7.80	7.56	8
2014/07/14	MF	DS4	08:23:39	T	1.0	316.0	0.45	29.28	17.04	62.59	4.36	5.10	7.57	5
2014/07/14	MF	DS5	08:29:05	B	6.1	260.9	0.07	29.10	20.52	62.78	4.30	9.50	7.61	11
2014/07/14	MF	DS5	08:29:52	M	4.0	214.0	0.11	29.18	19.38	62.08	4.28	7.90	7.61	8
2014/07/14	MF	DS5	08:30:34	T	1.0	203.2	0.34	29.23	17.34	60.88	4.24	5.90	7.57	7
2014/07/14	MF	DS5	08:31:17	B	5.8	283.8	0.49	29.18	20.41	59.68	4.09	9.60	7.61	10
2014/07/14	MF	DS5	08:32:00	M	4.1	184.4	0.13	29.17	19.19	60.68	4.19	7.80	7.60	8
2014/07/14	MF	DS5	08:32:44	T	1.2	299.5	0.34	29.24	17.26	60.48	4.21	5.80	7.57	8
2014/07/14	MF	DS5	08:34:16	B	5.9	201.0	0.60	29.08	20.48	57.79	3.96	11.80	7.60	11
2014/07/14	MF	DS5	08:35:00	M	4.1	120.7	0.69	29.18	19.70	60.88	4.19	8.30	7.61	8
2014/07/14	MF	DS5	08:35:41	T	1.0	140.3	0.36	29.21	17.68	60.28	4.19	6.00	7.57	7
2014/07/14	MF	US1	09:05:56	B	4.9	212.7	0.99	28.07	22.60	51.58	3.56	17.40	7.60	19
2014/07/14	MF	US1	09:06:57	M	3.5	138.9	0.46	28.27	21.83	49.08	3.39	19.40	7.58	17
2014/07/14	MF	US1	09:07:38	T	1.0	19.8	0.40	28.68	20.11	53.57	3.71	10.10	7.58	11
2014/07/14	MF	US1	09:08:25	B	5.1	187.0	0.40	27.98	23.00	45.49	3.13	23.80	7.59	18
2014/07/14	MF	US1	09:09:14	M	3.4	132.4	0.45	28.15	22.31	46.29	3.19	16.70	7.58	18
2014/07/14	MF	US1	09:10:01	T	1.0	29.3	0.61	28.82	19.19	53.77	3.73	8.60	7.58	11
2014/07/14	MF	US1	09:10:46	B	5.0	161.6	0.21	28.25	21.93	48.08	3.32	13.40	7.58	20
2014/07/14	MF	US1	09:11:13	M	3.6	118.6	0.29	28.25	21.91	47.38	3.27	13.70	7.58	18
2014/07/14	MF	US1	09:12:00	T	1.0	126.7	0.48	28.73	19.87	51.17	3.54	9.10	7.58	11
2014/07/14	MF	US2	09:16:44	B	5.9	200.5	0.51	27.42	23.67	48.18	3.32	13.00	7.62	14
2014/07/14	MF	US2	09:17:35	M	4.0	116.8	0.28	28.08	22.52	47.98	3.31	17.20	7.59	15
2014/07/14	MF	US2	09:18:24	T	1.0	9.0	1.23	28.72	19.80	55.56	3.85	5.70	7.59	6
2014/07/14	MF	US2	09:19:18	B	4.9	85.7	0.36	27.76	23.64	47.08	3.24	15.00	7.61	15
2014/07/14	MF	US2	09:20:00	M	3.5	336.0	0.10	28.14	22.24	47.18	3.25	18.20	7.59	15
2014/07/14	MF	US2	09:20:42	T	1.2	217.2	1.04	28.83	19.44	56.35	3.90	5.60	7.59	6
2014/07/14	MF	US2	09:21:24	B	5.0	170.8	0.26	27.78	23.53	48.07	3.31	14.80	7.61	14
2014/07/14	MF	US2	09:22:14	M	3.6	345.5	0.03	28.11	22.41	46.78	3.23	17.20	7.59	14
2014/07/14	MF	US2	09:23:01	T	1.0	136.1	0.23	28.86	19.37	55.85	3.87	6.10	7.59	6
2014/07/14	MF	US2	09:23:53	B	18.7	175.6	0.53	26.10	28.81	35.59	2.45	16.90	7.69	18
2014/07/14	MF	MW1	06:37:42	M	10.3	70.9	0.45	27.42	24.81	44.58	3.07	6.00	7.68	6
2014/07/14	MF	MW1	06:38:41	T	0.9	99.0	0.58	29.03	18.32	59.28	4.12	4.50	7.62	4
2014/07/14	MF	MW1	06:39:50	B	19.0	232.5	0.81	26.16	28.81	38.18	2.63	12.50	7.70	18
2014/07/14	MF	MW1	06:40:47	M	10.5	223.6	0.09	27.45	24.64	45.78	3.15	5.90	7.68	6
2014/07/14	MF	MW1	06:41:39	T	1.1	97.7	0.68	29.02	18.28	58.57	4.07	4.40	7.62	4
2014/07/14	MF	MW1	06:43:55	B	18.6	331.6	0.67	26.10	28.93	36.68	2.52	18.20	7.69	18
2014/07/14	MF	MW1	06:44:51	M	10.5	182.2	0.18	27.53	24.28	45.18	3.11	6.20	7.68	6
2014/07/14	MF	MW1	06:46:07	T	0.9	288.6	0.20	28.73	19.40	56.17	3.90	4.70	7.63	4
2014/07/14	MF	THB1	08:53:29	B	3.0	21.4	0.07	29.04	18.36	63.96	4.44	12.50	7.56	13
2014/07/14	MF	THB1	08:54:22	T	1.0	134.1	0.18	29.20	17.56	58.37	4.06	9.20	7.55	10
2014/07/14	MF	THB1	08:54:53	B	3.0	39.7	0.89	29.05	18.31	56.37	3.91	11.80	7.55	13
2014/07/14	MF	THB1	08:55:38	T	1.1	350.0	0.42	29.14	17.89	56.87	3.95	10.30	7.54	10
2014/07/14	MF	THB1	08:56:25	B	3.0	259.9	0.15	29.02	18.44	55.57	3.86	12.20	7.55	13
2014/07/14	MF	THB1	08:56:57	T	1.1	124.6	1.04	29.15	17.81	56.47	3.93	10.00	7.55	9
2014/07/14	MF	WSR45C	07:20:14	B	11.7	252.4	0.89	27.09	26.06	42.36	2.91	54.30	7.69	16
2014/07/14	MF	WSR45C	07:21:10	M	7.3	231.5	0.58	28.44	21.05	52.65	3.64	6.80	7.65	7
2014/07/14	MF	WSR45C	07:22:08	T	1.1	347.1	0.27	29.03	17.93	58.34	4.06	6.10	7.60	7
2014/07/14	MF	WSR45C	07:28:07	B	12.6	176.7	0.50	26.97	26.79	43.05	2.96	45.60	7.69	16
2014/07/14	MF	WSR45C	07:29:39	M	7.4	315.3	0.14	27.93	23.11	47.55	3.28	6.20	7.67	7
2014/07/14	MF	WSR45C	07:30:26	T	1.1	205.6	0.55	29.07	17.69	57.44	4.00	5.90	7.59	7
2014/07/14	MF	WSR45C	07:31:34	B	12.8	278.0	0.24	26.89	26.73	42.05	2.89	43.20	7.68	17
2014/07/14	MF	WSR45C	07:32:26	M	7.4	223.9	1.03	27.12	25.98	42.25	2.90	12.10	7.68	7
2014/07/14	MF	WSR45C	07:33:11	T	1.1	309.5	0.91	28.98	17.91	54.14	3.77	6.00	7.60	7
2014/07/14	MF	WSR46	09:38:24	B	9.9	287.0	0.34	27.07	26.03	47.27	3.25	17.20	7.65	17
2014/07/14	MF	WSR46	09:39:28	M	5.7	207.8	0.53	28.06	22.41	50.85	3.51	7.60	7.61	9
2014/07/14	MF	WSR46	09:40:17	T	1.0	46.9	0.24	29.23	18.59	58.53	4.05	8.10	7.56	9
2014/07/14	MF	WSR46	09:41:11	B	10.2	248.3	0.17	27.05	26.16	44.77	3.08	17.30	7.64	17
2014/07/14	MF	WSR46	09:41:57	M	5.8	346.5	0.58	28.08	22.27	48.96	3.38	9.60	7.61	8
2014/07/14	MF	WSR46	09:42:41	T	1.3	88.6	0.68	29.22	18.71	48.66	3.36	9.20	7.56	9
2014/07/14	MF	WSR46	09:43:40	B	9.7	142.6	0.23	27.04	26.15	44.37	3.05	17.60	7.64	17
2014/07/14	MF	WSR46	09:44:27	M	6.0	339.1	0.10	27.94	22.80					

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)
2014/07/14	ME	DS1	14:01:47	B	2.9	99.1	0.69	28.73	20.66	57.72	3.98	10.20	7.61	10
2014/07/14	ME	DS1	14:02:29	T	1.2	75.1	0.72	29.72	18.53	72.35	4.96	5.50	7.68	7
2014/07/14	ME	DS1	14:03:07	B	2.8	134.2	0.16	28.90	20.37	60.41	4.16	9.40	7.61	9
2014/07/14	ME	DS1	14:03:50	T	1.1	12.5	0.63	29.41	19.15	67.37	4.63	7.10	7.66	7
2014/07/14	ME	DS1	14:04:30	B	2.8	71.1	0.29	28.56	20.92	53.24	3.67	9.10	7.60	10
2014/07/14	ME	DS1	14:05:01	T	1.1	163.4	0.21	29.56	18.80	63.88	4.39	7.40	7.66	7
2014/07/14	ME	DS2	14:10:02	B	5.1	251.2	0.37	28.90	20.16	59.68	4.11	7.40	7.62	9
2014/07/14	ME	DS2	14:10:27	M	3.4	206.1	0.30	28.94	19.77	57.29	3.95	8.10	7.61	9
2014/07/14	ME	DS2	14:11:19	T	1.1	342.8	0.66	29.55	18.90	68.43	4.70	5.70	7.65	7
2014/07/14	ME	DS2	14:12:13	B	5.1	110.1	0.36	28.94	19.97	58.58	4.04	8.30	7.61	9
2014/07/14	ME	DS2	14:12:42	M	3.3	139.3	0.23	29.10	19.52	58.48	4.03	7.50	7.62	9
2014/07/14	ME	DS2	14:13:20	T	1.1	255.9	0.41	29.43	18.96	67.62	4.65	6.80	7.66	7
2014/07/14	ME	DS2	14:14:01	B	5.0	299.6	0.11	28.89	20.17	57.48	3.96	7.60	7.62	9
2014/07/14	ME	DS2	14:14:28	M	3.6	110.2	0.75	29.10	19.52	58.57	4.04	7.40	7.63	9
2014/07/14	ME	DS2	14:15:14	T	0.8	228.4	0.24	29.44	18.90	67.32	4.63	6.60	7.67	7
2014/07/14	ME	DS3	14:20:43	B	7.1	231.8	0.53	28.43	21.58	54.17	3.73	8.20	7.61	8
2014/07/14	ME	DS3	14:22:01	M	4.4	79.4	0.27	29.04	19.68	58.14	4.01	7.10	7.61	9
2014/07/14	ME	DS3	14:22:59	T	0.8	29.6	0.53	29.58	18.77	68.18	4.68	6.10	7.65	9
2014/07/14	ME	DS3	14:23:54	B	7.1	86.4	0.55	28.33	21.87	51.48	3.55	9.30	7.61	7
2014/07/14	ME	DS3	14:24:22	M	4.7	111.0	1.03	28.98	19.89	55.75	3.84	7.70	7.61	9
2014/07/14	ME	DS3	14:25:06	T	0.9	75.2	0.53	29.73	18.59	69.86	4.79	5.70	7.66	9
2014/07/14	ME	DS3	14:25:52	B	7.2	67.5	0.49	28.72	20.78	56.14	3.87	6.90	7.61	8
2014/07/14	ME	DS3	14:26:28	M	4.4	321.6	0.10	29.07	19.63	57.43	3.96	7.60	7.61	9
2014/07/14	ME	DS3	14:26:56	T	1.1	179.3	0.21	28.71	18.62	66.77	4.58	6.10	7.66	10
2014/07/14	ME	DS4	14:32:23	B	8.1	52.8	0.20	28.00	23.10	54.33	3.74	9.50	7.64	11
2014/07/14	ME	DS4	14:33:08	M	5.6	298.7	0.06	29.11	19.90	60.78	4.18	8.90	7.63	8
2014/07/14	ME	DS4	14:33:52	T	1.0	218.9	0.11	29.82	18.65	68.92	4.72	6.10	7.65	6
2014/07/14	ME	DS4	14:34:39	B	8.0	152.7	0.11	27.93	23.34	51.14	3.52	8.50	7.64	12
2014/07/14	ME	DS4	14:35:22	M	5.1	84.3	0.83	29.16	19.79	60.28	4.14	8.60	7.63	8
2014/07/14	ME	DS4	14:36:04	T	1.1	275.9	0.63	29.82	18.67	69.41	4.75	6.20	7.66	6
2014/07/14	ME	DS4	14:36:48	B	8.0	145.1	0.27	28.03	23.05	52.82	3.63	8.40	7.63	12
2014/07/14	ME	DS4	14:37:29	M	5.1	270.0	0.16	29.20	19.69	60.17	4.14	9.40	7.62	8
2014/07/14	ME	DS4	14:38:01	T	1.0	333.0	1.11	29.82	18.56	67.21	4.60	6.40	7.65	6
2014/07/14	ME	DS5	14:43:42	B	9.8	46.1	0.23	28.07	23.03	57.17	3.93	10.90	7.62	10
2014/07/14	ME	DS5	14:44:28	M	5.9	13.4	0.64	29.54	19.10	65.50	4.49	7.80	7.64	8
2014/07/14	ME	DS5	14:45:15	T	1.2	198.1	0.63	29.63	18.97	67.48	4.62	7.10	7.64	8
2014/07/14	ME	DS5	14:45:58	B	10.0	124.8	0.68	28.08	22.89	54.38	3.74	11.70	7.62	9
2014/07/14	ME	DS5	14:46:50	M	5.7	147.4	0.70	29.68	18.89	67.08	4.60	7.10	7.64	8
2014/07/14	ME	DS5	14:47:46	T	1.1	50.5	0.48	29.80	18.51	69.55	4.77	6.40	7.64	8
2014/07/14	ME	DS5	14:48:48	B	10.0	72.2	0.92	27.93	23.19	49.11	3.38	13.80	7.62	10
2014/07/14	ME	DS5	14:49:18	M	6.2	233.9	0.46	29.47	19.36	60.72	4.16	8.70	7.64	8
2014/07/14	ME	DS5	14:50:19	T	1.0	73.4	1.09	29.78	18.62	69.54	4.76	6.50	7.65	8
2014/07/14	ME	US1	13:52:01	B	3.2	261.5	0.78	29.25	20.03	66.73	4.58	15.40	7.62	13
2014/07/14	ME	US1	13:52:32	T	0.9	93.3	0.83	30.21	18.07	74.69	5.09	6.80	7.70	6
2014/07/14	ME	US1	13:53:14	B	2.8	52.1	0.31	29.02	20.39	58.85	4.04	17.40	7.61	13
2014/07/14	ME	US1	13:54:11	T	1.1	70.3	0.67	29.57	18.87	71.10	4.88	7.90	7.66	7
2014/07/14	ME	US1	13:55:01	B	3.2	19.5	0.61	29.05	20.42	58.75	4.03	16.30	7.60	13
2014/07/14	ME	US1	13:55:41	T	0.8	179.3	0.70	30.02	18.24	73.48	5.02	6.80	7.69	7
2014/07/14	ME	US2	13:42:12	B	2.9	8.3	0.50	29.33	19.97	63.48	4.35	20.10	7.62	10
2014/07/14	ME	US2	13:43:00	T	1.1	333.1	0.64	30.13	18.29	76.23	5.20	4.90	7.70	16
2014/07/14	ME	US2	13:43:59	B	3.0	41.3	0.34	29.38	19.85	64.97	4.45	18.20	7.62	11
2014/07/14	ME	US2	13:44:38	T	1.1	332.2	0.48	30.19	18.27	76.52	5.22	5.80	7.70	15
2014/07/14	ME	US2	13:45:40	B	2.9	321.6	0.19	29.37	19.90	64.36	4.41	19.10	7.62	11
2014/07/14	ME	US2	13:46:32	T	0.8	185.7	0.62	30.24	18.21	77.31	5.27	5.20	7.70	15
2014/07/14	ME	MW1	15:29:33	B	19.0	355.6	0.88	28.47	21.57	55.31	3.81	7.60	7.63	9
2014/07/14	ME	MW1	15:31:32	M	10.4	257.1	0.06	28.45	21.81	54.31	3.74	7.90	7.62	9
2014/07/14	ME	MW1	15:32:44	T	0.9	38.2	1.22	29.76	18.67	66.18	4.53	4.70	7.63	6
2014/07/14	ME	MW1	15:33:53	B	19.2	29.6	0.68	28.36	21.89	53.51	3.69	8.60	7.62	9
2014/07/14	ME	MW1	15:34:45	M	10.6	29.7	0.82	28.49	21.53	53.61	3.69	8.10	7.62	9
2014/07/14	ME	MW1	15:35:26	T	1.3	78.1	0.68	29.33	19.36	61.02	4.19	5.70	7.62	6
2014/07/14	ME	MW1	15:36:54	B	19.2	86.4	0.16	28.50	21.51	54.09	3.72	7.90	7.61	9
2014/07/14	ME	MW1	15:37:51	M	10.4	345.0	1.05	28.60	21.26	55.28	3.81	7.90	7.60	9
2014/07/14	ME	MW1	15:38:50	T	1.1	47.4	1.18	29.53	19.16	64.07	4.39	5.00	7.61	5
2014/07/14	ME	THB1	13:31:18	B	3.1	329.6	1.50	29.42	19.35	78.29	5.37	9.60	7.69	9
2014/07/14	ME	THB1	13:31:56	T	0.9	63.5	0.76	29.80	18.84	75.79	5.18	6.20	7.72	9
2014/07/14	ME	THB1	13:32:57	B	3.0	42.6	0.56	29.23	19.60	63.92	4.39	11.60	7.65	8
2014/07/14	ME	THB1	13:33:25	T	0.9	40.7	1.04	29.76	18.85	71.00	4.86	7.10	7.71	10
2014/07/14	ME	THB1	13:34:12	B	3.0	67.5	0.21	29.20	19.79	62.92	4.32	18.30	7.63	8
2014/07/14	ME	THB1	13:35:00	T	0.9	138.0	0.34	29.64	18.95	72.39	4.96	7.50	7.69	10
2014/07/14	ME	WSR45C	14:55:53	B	11.7	231.8	0.30	28.33	22.05	54.44	3.75	9.20	7.62	10
2014/07/14	ME	WSR45C	14:56:35	M	7.0	67.7	0.82	28.98	20.37	58.50	4.02	8.50	7.62	6
2014/07/14	ME	WSR45C	14:57:22	T	0.7	64.4	1.08	30.14	17.31	71.39	4.90	5.30	7.62	6
2014/07/14	ME	WSR45C	14:58:26	B	12.2	177.9	0.27	27.96	23.17	51.36	3.54	12.40	7.61	10
2014/07/14	ME	WSR45C	14:59:11	M	6.8	84.0	0.82	28.95	20.47	58.20	4.00	8.80	7.62	6
2014/07/14	ME	WSR45C	14:59:53	T	1.1	79.4	1.26	30.07	17.46	69.99	4.80	5.80	7.62	6
2014/07/14	ME	WSR45C	15:00:45	B	12.3	115.9	0.61	28.02	22.94	50.95	3.51	11.60	7.61	9
2014/07/14	ME	WSR45C	15:01:31	M	6.9	80.0	0.86	28.97	20.21	57.30	3.94	9.10	7.62	6
2014/07/14	ME	WSR45C	15:02:21	T	0.6	63.7	0.72	30.10	17.48	70.67	4.85	5.80	7.63	5
2014/07/14	ME	WSR46	13:03:02	B	9.8	77.5	0.63	27.92	23.18	51.46	3.54	19.10	7.62	16
2014/07/14	ME	WSR46	13:03:54	M	6.3	112.9	0.17	28.57	20.80	52.15	3.60	19.60	7.59	15
2014/07/14	ME	WSR46	13:04:50	T	0.8	138.0	0.57	29.44	18.25	60.44	4.17	6.90	7.60	5
2014/07/14	ME	WSR46	13:05:37	B	10.0	122.2	0.54	27.84	23.29	47.95	3.31	19.50	7.62	16
2014/07/14	ME	WSR46	13:06:26	M	6.3	74.1	0.83	28.61	20.57	51.45	3.55	21.70	7.60	15
2014/07/14	ME	WSR46	13:07:16	T	0.9	111.0	1.46	29.31	18.77	59.33	4.09	7.90	7.61	5
2014/07/14	ME	WSR46	13:08:11	B	10.3	141.1	0.72	27.65	23.92	46.05	3.17	24.40	7.64	16
2014/07/14	ME	WSR46	13:08:42	M	5.7	75.2	0.70	28.59	20.60	50.04	3.46	22.50	7.60	1

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)
2014/07/16	MF	DS1	09:22:55	B	2.9	350.4	0.95	29.44	17.37	67.10	4.65	14.00	7.61	16
2014/07/16	MF	DS1	09:23:38	T	0.9	261.6	0.15	29.53	17.06	67.00	4.65	5.70	7.61	5
2014/07/16	MF	DS1	09:24:22	B	2.9	121.3	0.43	29.43	17.54	65.20	4.52	11.80	7.61	15
2014/07/16	MF	DS1	09:25:03	T	1.1	10.4	1.41	29.52	17.11	65.90	4.57	6.00	7.60	5
2014/07/16	MF	DS1	09:25:36	B	3.0	207.4	0.38	29.39	17.75	64.10	4.44	14.90	7.60	16
2014/07/16	MF	DS1	09:26:09	T	0.9	207.5	0.77	29.57	16.91	66.20	4.59	7.10	7.61	5
2014/07/16	MF	DS2	09:30:47	B	3.0	263.6	0.23	29.40	17.60	71.10	4.93	8.50	7.60	6
2014/07/16	MF	DS2	09:31:28	T	0.9	75.0	0.12	29.66	16.66	70.40	4.88	7.50	7.63	7
2014/07/16	MF	DS2	09:31:56	B	2.8	324.7	0.57	29.45	17.45	65.90	4.57	9.20	7.60	7
2014/07/16	MF	DS2	09:32:20	T	1.0	107.4	0.10	29.49	17.10	65.70	4.56	8.10	7.61	7
2014/07/16	MF	DS2	09:32:49	B	3.2	308.1	0.26	29.33	17.95	62.60	4.34	10.70	7.59	6
2014/07/16	MF	DS2	09:33:21	T	1.0	247.7	0.56	29.52	17.07	65.30	4.53	7.80	7.61	7
2014/07/16	MF	DS3	09:38:10	B	3.1	63.8	0.52	29.40	17.98	70.10	4.85	9.00	7.60	5
2014/07/16	MF	DS3	09:39:02	T	0.9	305.4	0.45	29.59	16.79	69.90	4.85	5.00	7.62	4
2014/07/16	MF	DS3	09:39:36	B	3.0	263.9	0.11	29.44	18.98	63.60	4.37	13.50	7.60	5
2014/07/16	MF	DS3	09:40:26	T	0.9	265.9	0.58	29.66	16.66	70.20	4.87	4.80	7.62	4
2014/07/16	MF	DS3	09:41:12	B	2.9	233.2	0.51	29.41	18.14	63.00	4.35	10.50	7.59	5
2014/07/16	MF	DS3	09:42:33	T	1.1	298.7	0.28	29.66	16.99	76.70	5.32	5.00	7.61	4
2014/07/16	MF	DS4	09:48:19	B	4.1	245.7	0.54	29.43	18.22	64.70	4.47	8.80	7.59	9
2014/07/16	MF	DS4	09:49:01	M	2.9	60.5	0.59	29.44	18.03	64.40	4.45	7.70	7.59	8
2014/07/16	MF	DS4	09:49:30	T	1.0	238.3	1.84	29.51	17.19	65.70	4.56	7.20	7.60	7
2014/07/16	MF	DS4	09:50:00	B	3.9	340.0	0.33	29.46	18.69	64.50	4.44	9.90	7.60	8
2014/07/16	MF	DS4	09:50:25	M	3.0	68.9	0.32	29.45	17.88	64.30	4.45	8.10	7.59	8
2014/07/16	MF	DS4	09:50:54	T	1.0	180.4	0.31	29.63	16.89	67.50	4.68	6.20	7.61	6
2014/07/16	MF	DS4	09:51:37	B	3.9	357.8	0.87	29.44	18.17	64.20	4.43	7.70	7.59	9
2014/07/16	MF	DS4	09:52:24	M	3.0	234.5	0.46	29.44	18.23	63.60	4.39	8.00	7.59	8
2014/07/16	MF	DS4	09:53:00	T	1.1	92.9	0.67	29.66	16.84	68.30	4.73	5.80	7.61	7
2014/07/16	MF	DS5	09:58:32	B	5.0	63.7	0.17	29.42	19.82	65.00	4.45	10.20	7.60	7
2014/07/16	MF	DS5	09:59:21	M	3.5	311.4	0.30	29.55	18.96	67.30	4.62	9.80	7.62	10
2014/07/16	MF	DS5	09:59:59	T	1.1	40.4	0.18	29.69	17.08	70.00	4.84	6.10	7.63	6
2014/07/16	MF	DS5	10:00:55	B	5.1	138.4	0.23	29.55	19.23	67.20	4.60	10.10	7.62	7
2014/07/16	MF	DS5	10:01:42	M	3.4	231.1	0.54	29.55	18.06	67.40	4.65	10.90	7.62	11
2014/07/16	MF	DS5	10:02:29	T	1.0	232.7	0.37	29.74	16.98	72.20	4.99	5.10	7.63	6
2014/07/16	MF	DS5	10:03:19	B	4.9	54.8	0.53	29.40	19.83	64.30	4.40	10.80	7.61	7
2014/07/16	MF	DS5	10:04:01	M	3.5	302.4	0.65	29.56	18.58	66.90	4.60	9.70	7.62	10
2014/07/16	MF	DS5	10:04:48	T	1.0	41.1	0.83	29.68	17.15	70.30	4.86	5.90	7.63	6
2014/07/16	MF	US1	10:20:34	B	3.7	245.7	0.41	28.38	21.64	55.60	3.83	17.00	7.60	14
2014/07/16	MF	US1	10:21:16	M	2.8	141.8	0.08	29.09	18.87	59.80	4.14	9.00	7.61	5
2014/07/16	MF	US1	10:22:04	T	1.3	75.0	0.54	29.30	18.16	65.30	4.52	4.00	7.61	5
2014/07/16	MF	US1	10:23:15	B	3.9	299.4	0.27	28.40	21.57	53.10	3.66	13.30	7.60	13
2014/07/16	MF	US1	10:23:52	M	2.9	138.3	0.15	28.43	21.43	52.40	3.61	12.10	7.60	5
2014/07/16	MF	US1	10:24:44	T	1.0	100.9	0.18	29.35	18.00	64.70	4.48	4.30	7.61	5
2014/07/16	MF	US1	10:25:39	B	4.0	211.7	0.14	28.41	21.51	53.20	3.67	12.60	7.60	15
2014/07/16	MF	US1	10:26:26	M	3.0	47.4	0.41	28.46	21.27	54.30	3.75	9.80	7.60	5
2014/07/16	MF	US1	10:27:00	T	1.1	153.2	0.39	29.39	17.88	63.20	4.37	5.10	7.62	5
2014/07/16	MF	US2	10:36:07	B	5.2	179.4	0.70	28.02	23.01	56.10	3.86	7.20	7.62	6
2014/07/16	MF	US2	10:36:39	M	3.7	322.3	0.24	28.48	21.35	55.90	3.85	5.00	7.63	4
2014/07/16	MF	US2	10:37:15	T	1.0	61.2	1.07	29.53	18.15	55.00	3.79	5.00	7.63	9
2014/07/16	MF	US2	10:37:57	B	5.0	97.6	0.16	27.94	23.31	51.10	3.52	9.80	7.61	6
2014/07/16	MF	US2	10:38:38	M	3.4	273.2	0.74	28.54	21.07	56.00	3.86	4.60	7.63	4
2014/07/16	MF	US2	10:39:14	T	1.0	299.1	0.62	29.62	17.95	67.00	4.62	3.50	7.63	9
2014/07/16	MF	US2	10:39:59	B	5.0	91.1	0.42	28.03	22.96	53.60	3.69	6.90	7.62	6
2014/07/16	MF	US2	10:41:01	M	3.5	251.1	0.29	28.30	21.83	55.30	3.81	4.70	7.63	4
2014/07/16	MF	US2	10:41:40	T	1.0	250.9	0.50	29.23	18.80	62.20	4.30	3.90	7.62	9
2014/07/16	MF	MW1	07:57:36	B	19.5	292.7	0.41	26.39	28.06	39.10	2.69	9.30	7.66	9
2014/07/16	MF	MW1	07:58:49	M	10.5	338.1	0.43	27.86	23.56	49.40	3.40	4.10	7.64	5
2014/07/16	MF	MW1	07:59:53	T	1.1	172.0	0.62	29.21	18.23	62.40	4.32	3.70	7.61	6
2014/07/16	MF	MW1	08:01:06	B	19.0	142.3	0.07	26.30	28.29	38.50	2.65	13.20	7.67	9
2014/07/16	MF	MW1	08:02:12	M	10.5	10.7	0.67	28.21	22.31	51.60	3.55	5.20	7.64	5
2014/07/16	MF	MW1	08:03:04	T	1.3	254.6	0.08	29.21	18.25	61.70	4.28	3.90	7.62	6
2014/07/16	MF	MW1	08:04:22	B	18.8	64.1	0.42	26.17	28.65	38.40	2.64	14.40	7.67	9
2014/07/16	MF	MW1	08:05:12	M	10.6	58.6	0.26	27.71	23.91	45.30	3.12	5.50	7.65	5
2014/07/16	MF	MW1	08:06:06	T	1.1	161.6	1.15	29.16	18.44	61.80	4.28	3.70	7.63	6
2014/07/16	MF	THB1	09:11:23	B	3.2	314.1	0.47	29.42	17.49	67.50	4.68	9.20	7.61	10
2014/07/16	MF	THB1	09:12:14	T	1.0	259.8	0.27	29.60	16.87	67.40	4.68	6.00	7.61	5
2014/07/16	MF	THB1	09:13:13	B	3.1	141.8	0.11	29.44	17.46	64.30	4.46	6.50	7.60	9
2014/07/16	MF	THB1	09:14:20	T	1.1	222.1	0.83	29.57	16.98	66.40	4.61	6.30	7.61	5
2014/07/16	MF	THB1	09:15:13	B	3.0	337.5	0.62	29.43	17.44	63.90	4.43	8.50	7.60	10
2014/07/16	MF	THB1	09:15:56	T	0.8	178.4	0.22	29.55	17.06	66.20	4.59	6.10	7.61	5
2014/07/16	MF	THB2	09:25:47	M	1.4	40.0	0.03	29.51	18.31	60.97	4.20	8.33	7.62	4
2014/07/16	MF	THB2	09:26:47	M	1.4	40.0	0.03	29.52	18.32	59.78	4.12	8.73	7.62	4
2014/07/16	MF	THB2	09:27:40	M	1.4	40.0	0.03	29.49	18.32	59.68	4.13	8.53	7.63	4
2014/07/16	MF	WSR45C	08:39:41	B	12.9	186.4	0.13	27.41	24.99	44.10	3.03	51.10	7.64	14
2014/07/16	MF	WSR45C	08:41:01	M	7.1	190.2	1.17	28.10	22.56	50.80	3.50	7.80	7.65	7
2014/07/16	MF	WSR45C	08:41:48	T	0.9	138.3	0.41	29.38	16.84	61.90	4.31	4.80	7.61	5
2014/07/16	MF	WSR45C	08:43:02	B	13.1	231.8	0.54	27.43	24.91	43.50	2.99	30.20	7.64	13
2014/07/16	MF	WSR45C	08:44:03	M	7.5	265.0	0.98	28.02	22.92	49.90	3.44	8.90	7.65	7
2014/07/16	MF	WSR45C	08:45:00	T	1.1	247.7	0.61	29.28	17.46	61.30	4.26	4.40	7.61	5
2014/07/16	MF	WSR45C	08:47:46	B	13.2	267.3	0.11	27.38	25.12	45.70	3.14	42.80	7.65	13
2014/07/16	MF	WSR45C	08:49:10	M	7.5	224.7	0.46	27.96	23.10	50.00	3.44	10.80	7.65	7
2014/07/16	MF	WSR45C	08:49:52	T	1.2	259.1	0.98	29.01	18.85	57.70	4.00	6.10	7.62	5
2014/07/16	MF	WSR46	10:56:59	B	9.8	224.1	0.30	27.00	26.28	42.40	2.92	36.50	7.63	28
2014/07/16	MF	WSR46	10:57:59	M	5.9	321.3	1.06	28.13	22.43	51.50	3.55	9.50	7.62	9
2014/07/16	MF	WSR46	10:59:59	T	1.1	346.3	0.87	29.53	17.71	65.60	4.53	5.90	7.60	10
2014/07/16	MF	WSR46	11:01:54	B	9.7	75.2	0.40	26.96	26.39	41.40	2.85	34.10	7.63	27
2014/07/16	MF	WSR46	11:02:52	M	6.4	344.2	0.67	28.05	22.80	50.00	3.44	9.30	7.62	

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)
2014/07/16	ME	DS1	15:34:25	B	3.1	246.4	0.26	29.20	20.18	73.28	5.02	16.70	7.65	18
2014/07/16	ME	DS1	15:35:24	T	1.2	109.6	0.40	29.88	18.83	80.15	5.47	11.40	7.71	13
2014/07/16	ME	DS1	15:37:36	B	3.0	241.2	1.14	29.20	20.25	71.47	4.90	20.50	7.64	18
2014/07/16	ME	DS1	15:38:26	T	1.1	1.9	0.19	29.78	19.03	77.45	5.29	15.20	7.69	14
2014/07/16	ME	DS1	15:38:53	B	2.9	296.9	0.16	29.14	20.30	66.98	4.59	12.60	7.62	19
2014/07/16	ME	DS1	15:39:51	T	1.2	110.0	1.26	30.08	18.45	83.23	5.68	8.10	7.73	14
2014/07/16	ME	DS2	15:44:17	B	4.9	240.3	0.47	29.25	20.46	72.32	4.95	8.40	7.66	11
2014/07/16	ME	DS2	15:54:57	M	3.7	216.9	0.57	29.50	19.77	72.12	4.93	8.00	7.66	10
2014/07/16	ME	DS2	15:55:40	T	1.1	163.4	0.47	29.79	18.86	79.29	5.42	8.70	7.70	13
2014/07/16	ME	DS2	15:56:34	B	5.1	100.3	0.33	29.34	20.23	69.73	4.77	8.60	7.66	10
2014/07/16	ME	DS2	15:57:36	M	3.5	334.3	1.33	29.52	19.81	72.01	4.92	8.30	7.65	10
2014/07/16	ME	DS2	15:58:19	T	1.1	34.4	1.36	29.94	18.69	79.38	5.42	8.00	7.70	13
2014/07/16	ME	DS2	15:59:06	B	4.9	215.4	0.26	28.59	21.92	60.75	4.17	7.50	7.61	11
2014/07/16	ME	DS2	15:59:50	M	3.6	90.4	0.48	29.56	19.73	71.31	4.87	8.10	7.66	9
2014/07/16	ME	DS2	16:00:39	T	1.1	156.8	0.63	29.80	18.89	78.88	5.39	8.40	7.68	12
2014/07/16	ME	DS3	16:05:44	B	6.7	92.2	0.34	28.15	23.06	55.16	3.79	9.20	7.61	12
2014/07/16	ME	DS3	16:06:11	M	4.5	137.2	0.11	29.33	20.01	61.83	4.23	7.70	7.64	10
2014/07/16	ME	DS3	16:06:59	T	1.0	177.5	0.16	30.05	18.89	71.49	4.87	7.40	7.71	10
2014/07/16	ME	DS3	16:07:42	B	7.0	178.3	0.40	28.08	23.23	56.25	3.86	9.00	7.60	13
2014/07/16	ME	DS3	16:08:24	M	4.5	60.8	0.51	29.41	19.73	64.41	4.41	7.40	7.65	11
2014/07/16	ME	DS3	16:09:05	T	1.0	119.6	0.35	29.98	18.97	79.35	5.41	7.20	7.70	10
2014/07/16	ME	DS3	16:09:48	B	6.9	175.3	0.49	28.11	23.11	56.05	3.85	8.30	7.60	12
2014/07/16	ME	DS3	16:10:25	M	4.4	309.0	0.36	28.38	22.28	54.95	3.78	8.20	7.60	10
2014/07/16	ME	DS3	16:10:58	T	1.0	167.6	0.15	30.02	18.92	74.56	5.08	7.70	7.70	10
2014/07/16	ME	DS4	16:16:54	B	8.1	110.2	0.59	27.95	23.36	51.75	3.56	9.80	7.58	10
2014/07/16	ME	DS4	16:17:57	M	5.3	233.7	0.39	28.40	22.29	58.52	4.02	9.20	7.59	8
2014/07/16	ME	DS4	16:18:41	T	1.2	142.0	0.16	29.92	19.10	76.43	5.21	7.80	7.67	8
2014/07/16	ME	DS4	16:19:25	B	8.1	67.6	0.41	27.99	23.26	53.34	3.67	9.90	7.58	10
2014/07/16	ME	DS4	16:20:09	M	4.8	115.5	0.45	29.18	20.34	63.39	4.34	8.20	7.62	8
2014/07/16	ME	DS4	16:21:03	T	1.2	86.4	0.90	29.95	19.05	78.51	5.35	7.50	7.68	8
2014/07/16	ME	DS4	16:21:52	B	8.1	47.1	0.10	28.00	23.31	52.64	3.62	9.60	7.59	10
2014/07/16	ME	DS4	16:22:44	M	4.9	54.6	0.31	28.75	20.67	54.92	3.78	9.40	7.60	8
2014/07/16	ME	DS4	16:23:27	T	1.0	74.5	0.30	29.93	19.08	76.12	5.19	7.60	7.68	8
2014/07/16	ME	DS5	16:29:36	B	9.4	5.6	0.07	28.05	23.05	51.53	3.54	12.50	7.58	12
2014/07/16	ME	DS5	16:30:21	M	5.9	118.4	1.23	28.76	21.07	58.79	4.04	9.90	7.59	11
2014/07/16	ME	DS5	16:31:23	T	0.8	292.8	0.51	29.84	19.15	77.88	5.31	6.70	7.68	10
2014/07/16	ME	DS5	16:32:33	B	9.8	243.1	0.40	28.03	23.12	50.13	3.45	16.10	7.58	12
2014/07/16	ME	DS5	16:33:04	M	6.0	65.3	0.57	28.20	22.62	50.23	3.45	12.30	7.58	11
2014/07/16	ME	DS5	16:33:47	T	1.1	104.0	1.60	29.89	18.88	75.98	5.19	7.00	7.68	9
2014/07/16	ME	DS5	16:34:37	B	9.9	108.6	0.34	28.06	23.05	52.21	3.59	13.10	7.58	13
2014/07/16	ME	DS5	16:35:28	M	6.0	74.0	1.19	29.71	19.38	73.49	5.02	7.50	7.66	10
2014/07/16	ME	DS5	16:36:12	T	0.9	333.8	0.77	29.92	19.01	78.66	5.36	6.60	7.68	10
2014/07/16	ME	US1	15:21:03	B	3.2	190.6	0.20	29.27	20.32	67.83	4.64	9.50	7.62	9
2014/07/16	ME	US1	15:21:37	T	1.0	209.3	0.17	30.30	18.13	85.09	5.79	6.70	7.76	7
2014/07/16	ME	US1	15:22:21	B	2.9	353.1	0.40	29.33	20.11	67.53	4.62	9.20	7.62	9
2014/07/16	ME	US1	15:23:15	T	1.0	62.5	0.29	30.43	17.88	92.86	6.32	5.80	7.78	7
2014/07/16	ME	US1	15:24:08	B	2.8	298.8	0.80	29.55	19.61	69.32	4.74	8.70	7.64	9
2014/07/16	ME	US1	15:24:35	T	1.0	56.2	0.97	30.33	18.02	84.08	5.73	6.90	7.77	7
2014/07/16	ME	US2	15:09:34	B	3.1	246.4	0.87	29.77	19.21	73.25	5.00	12.60	7.65	17
2014/07/16	ME	US2	15:10:09	T	0.9	347.9	0.13	30.59	17.82	94.11	6.39	5.80	7.80	7
2014/07/16	ME	US2	15:11:34	B	2.8	95.3	0.47	29.81	18.80	78.94	5.40	8.80	7.67	17
2014/07/16	ME	US2	15:12:52	T	1.2	102.1	0.52	30.62	17.84	97.19	6.59	5.10	7.80	7
2014/07/16	ME	US2	15:13:25	B	3.1	124.7	0.55	29.89	18.70	84.72	5.79	7.70	7.69	17
2014/07/16	ME	US2	15:13:52	T	1.0	1.6	0.33	30.55	17.88	90.70	6.16	6.00	7.80	7
2014/07/16	ME	MW1	17:17:23	B	18.5	337.6	0.29	28.47	22.26	60.36	4.14	5.90	7.60	8
2014/07/16	ME	MW1	17:18:45	M	10.6	81.9	0.51	28.95	20.93	64.13	4.40	4.90	7.61	6
2014/07/16	ME	MW1	17:19:38	T	1.1	67.7	0.27	29.67	19.33	73.46	5.02	4.30	7.65	4
2014/07/16	ME	MW1	17:20:51	B	19.0	59.5	0.65	28.58	21.87	59.66	4.09	6.20	7.59	8
2014/07/16	ME	MW1	17:22:02	M	9.5	29.7	0.69	28.76	21.46	64.02	4.39	5.10	7.60	6
2014/07/16	ME	MW1	17:22:50	T	1.0	208.0	0.54	29.30	20.19	69.08	4.73	4.90	7.62	4
2014/07/16	ME	MW1	17:24:06	B	18.9	66.2	1.03	28.27	22.69	55.58	3.82	6.90	7.58	8
2014/07/16	ME	MW1	17:25:03	M	10.8	74.3	0.47	28.73	21.49	59.15	4.06	6.30	7.60	6
2014/07/16	ME	MW1	17:26:47	T	1.2	91.0	0.23	29.52	19.84	68.67	4.69	5.60	7.63	4
2014/07/16	ME	THB1	14:59:14	B	3.1	48.2	0.44	29.84	18.81	82.57	5.64	12.90	7.72	12
2014/07/16	ME	THB1	14:59:51	T	1.1	345.2	0.38	29.67	19.07	81.57	5.58	14.30	7.69	12
2014/07/16	ME	THB1	15:00:36	B	2.8	358.8	0.83	29.63	19.11	74.58	5.11	14.00	7.66	12
2014/07/16	ME	THB1	15:01:26	T	1.0	85.1	0.31	30.21	18.19	93.84	6.40	5.30	7.79	13
2014/07/16	ME	THB1	15:02:10	B	2.8	180.7	0.51	29.70	19.02	77.77	5.32	10.20	7.67	11
2014/07/16	ME	THB1	15:02:59	T	1.0	264.0	0.92	30.25	18.15	94.64	6.45	4.90	7.79	12
2014/07/16	ME	THB2	15:12:40	M	1.3	40.0	0.03	30.27	17.46	90.92	6.22	7.33	7.78	6
2014/07/16	ME	THB2	15:14:07	M	1.3	40.0	0.03	30.26	17.49	88.21	6.03	7.53	7.76	6
2014/07/16	ME	THB2	15:14:57	M	1.3	40.0	0.03	30.55	17.30	105.30	7.17	6.53	7.94	6
2014/07/16	ME	WSR45C	16:41:09	B	12.1	69.0	0.74	28.29	22.39	55.18	3.79	10.40	7.57	9
2014/07/16	ME	WSR45C	16:41:54	M	7.1	84.0	0.40	28.56	21.67	55.38	3.81	9.70	7.58	10
2014/07/16	ME	WSR45C	16:43:02	T	1.2	94.2	0.44	29.85	18.85	76.65	5.24	6.60	7.66	7
2014/07/16	ME	WSR45C	16:43:51	B	12.0	55.5	0.67	28.29	22.42	54.48	3.75	9.90	7.57	8
2014/07/16	ME	WSR45C	16:44:34	M	7.1	197.9	0.61	29.24	20.18	59.95	4.11	8.70	7.62	10
2014/07/16	ME	WSR45C	16:46:26	T	1.1	320.9	0.67	29.85	18.73	76.84	5.25	6.30	7.66	7
2014/07/16	ME	WSR45C	16:47:16	B	12.0	75.1	0.50	28.35	22.29	55.86	3.84	9.80	7.58	9
2014/07/16	ME	WSR45C	16:47:55	M	7.1	85.6	0.43	28.43	22.02	53.38	3.67	9.40	7.58	10
2014/07/16	ME	WSR45C	16:48:54	T	1.1	121.4	0.09	29.84	18.85	75.64	5.17	6.40	7.66	7
2014/07/16	ME	WSR46	14:31:33	B	10.0	34.5	0.42	27.65	24.20	51.08	3.51	11.30	7.58	13
2014/07/16	ME	WSR46	14:32:12	M	6.1	117.8	0.56	28.74	20.44	53.98	3.72	11.00	7.56	6
2014/07/16	ME	WSR46	14:32:59	T	0.7	145.0	0.78	30.84	16.76	77.96	5.30	4.70	7.65	5
2014/07/16	ME	WSR46	14:33:55	B	10.2	85.1	0.34	27.63	24.19	48.67	3.35	11.70	7.60	13
2014/07/16	ME	WSR46	14:34:32	M	5.7	100.9	1.09	28.66	20.67	52.27	3.61	11		

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)
2014/07/21	MF	DS1	13:58:26	B	2.9	296.1	0.50	29.09	19.23	95.39	6.59	11.10	7.82	8
2014/07/21	MF	DS1	13:59:12	T	0.9	158.7	0.44	29.66	17.84	96.08	6.62	2.80	7.83	9
2014/07/21	MF	DS1	13:59:56	B	3.0	261.3	0.72	29.10	19.19	94.88	6.55	10.10	7.82	8
2014/07/21	MF	DS1	14:01:01	T	1.0	190.0	1.20	29.45	18.17	95.07	6.56	1.70	7.82	9
2014/07/21	MF	DS1	14:02:02	B	3.3	175.7	0.93	29.01	19.46	95.46	6.59	6.00	7.82	8
2014/07/21	MF	DS1	14:03:00	T	0.9	43.2	0.18	29.31	18.44	95.75	6.62	2.70	7.83	8
2014/07/21	MF	DS2	14:09:09	B	2.0	54.5	1.61	29.19	18.70	100.08	6.92	3.00	7.86	4
2014/07/21	MF	DS2	14:10:08	T	0.9	260.4	0.31	29.32	18.40	97.49	6.74	1.80	7.83	3
2014/07/21	MF	DS2	14:11:00	B	1.9	263.4	0.52	29.13	18.88	99.17	6.86	3.30	7.85	4
2014/07/21	MF	DS2	14:12:00	T	1.0	54.1	0.49	29.43	18.26	98.56	6.80	1.90	7.84	3
2014/07/21	MF	DS2	14:13:01	B	1.9	259.9	0.66	29.11	18.64	95.96	6.64	2.70	7.83	4
2014/07/21	MF	DS2	14:14:01	T	1.0	226.6	0.13	29.30	18.40	95.65	6.61	1.70	7.83	3
2014/07/21	MF	DS3	14:21:39	B	1.9	240.1	0.77	29.94	19.75	110.32	7.49	4.30	7.92	9
2014/07/21	MF	DS3	14:22:23	T	1.0	308.8	0.26	29.50	18.42	101.75	7.01	2.80	7.86	10
2014/07/21	MF	DS3	14:23:08	B	2.1	249.5	0.57	29.95	19.79	110.11	7.47	4.30	7.92	9
2014/07/21	MF	DS3	14:24:01	T	1.1	64.4	0.86	29.48	18.69	103.53	7.12	2.90	7.88	10
2014/07/21	MF	DS3	14:25:01	B	2.2	251.5	0.40	29.98	19.75	111.18	7.54	4.20	7.92	9
2014/07/21	MF	DS3	14:26:01	T	1.2	3.8	0.30	29.52	18.84	105.20	7.23	3.10	7.88	10
2014/07/21	MF	DS4	14:30:45	B	4.0	72.2	0.41	28.59	22.31	76.51	5.24	8.40	7.72	11
2014/07/21	MF	DS4	14:31:39	M	2.9	262.4	0.58	29.25	20.52	86.84	5.94	11.20	7.79	11
2014/07/21	MF	DS4	14:32:25	T	0.9	107.2	1.01	29.71	18.93	104.25	7.14	3.70	7.89	7
2014/07/21	MF	DS4	14:33:10	B	4.1	266.5	0.58	28.90	21.54	83.55	5.71	8.70	7.75	11
2014/07/21	MF	DS4	14:34:00	M	3.0	74.6	0.89	29.30	20.44	94.48	6.46	7.60	7.82	11
2014/07/21	MF	DS4	14:35:02	T	1.0	229.2	0.33	28.63	18.22	101.93	7.01	2.10	7.87	7
2014/07/21	MF	DS4	14:36:54	B	3.9	262.4	0.11	28.93	21.50	78.55	5.37	11.40	7.73	11
2014/07/21	MF	DS4	14:37:35	M	3.1	325.9	0.13	29.32	20.43	92.17	6.30	8.20	7.82	12
2014/07/21	MF	DS4	14:38:18	T	0.8	286.4	0.63	29.79	18.21	102.90	7.06	2.80	7.87	7
2014/07/21	MF	DS5	14:42:50	B	5.0	249.8	0.17	29.13	21.15	81.09	5.54	8.90	7.75	9
2014/07/21	MF	DS5	14:43:32	M	3.5	37.0	1.12	29.53	20.08	102.45	6.99	5.60	7.88	6
2014/07/21	MF	DS5	14:44:15	T	0.9	341.5	0.25	29.73	19.26	107.81	7.36	3.60	7.90	6
2014/07/21	MF	DS5	14:45:04	B	4.9	344.9	0.35	28.99	21.38	81.87	5.60	7.70	7.74	9
2014/07/21	MF	DS5	14:46:08	M	3.3	333.6	0.20	29.44	20.28	92.59	6.32	7.60	7.84	6
2014/07/21	MF	DS5	14:47:02	T	1.0	295.3	0.68	29.69	19.69	108.18	7.38	3.70	7.90	6
2014/07/21	MF	DS5	14:48:01	B	5.0	242.7	0.38	28.61	22.30	74.10	5.07	9.00	7.71	9
2014/07/21	MF	DS5	14:49:01	M	3.5	139.6	0.50	29.33	20.72	91.18	6.22	7.20	7.79	6
2014/07/21	MF	DS5	14:50:01	T	0.9	41.7	0.13	29.68	19.83	106.07	7.23	4.20	7.89	6
2014/07/21	MF	US1	15:08:03	B	3.9	212.8	0.66	28.07	20.25	80.21	5.55	9.00	7.72	11
2014/07/21	MF	US1	15:09:00	M	3.0	199.9	0.44	28.74	20.01	81.40	5.63	5.10	7.73	5
2014/07/21	MF	US1	15:10:00	T	1.0	247.8	0.28	29.53	17.60	97.75	6.76	1.90	7.83	3
2014/07/21	MF	US1	15:15:23	B	3.9	169.2	0.50	28.08	22.47	68.47	4.72	14.30	7.66	11
2014/07/21	MF	US1	15:16:06	M	2.9	296.4	0.14	28.39	21.20	71.04	4.91	11.90	7.69	5
2014/07/21	MF	US1	15:17:00	T	1.0	353.3	0.40	28.90	19.23	84.01	5.82	3.00	7.76	3
2014/07/21	MF	US1	15:18:00	B	4.0	279.5	0.24	28.12	22.35	68.35	4.71	10.70	7.66	11
2014/07/21	MF	US1	15:19:01	M	3.0	250.8	0.23	28.63	20.34	77.26	5.34	5.80	7.72	5
2014/07/21	MF	US1	15:20:01	T	1.0	328.6	0.85	28.93	19.16	84.09	5.82	2.80	7.76	4
2014/07/21	MF	US2	15:25:21	B	4.9	275.6	0.53	27.98	22.76	64.15	4.43	12.20	7.67	12
2014/07/21	MF	US2	15:26:10	M	3.7	246.1	0.77	28.12	22.16	68.30	4.72	8.10	7.68	8
2014/07/21	MF	US2	15:27:01	T	1.0	235.2	0.73	29.65	17.52	96.71	6.68	2.20	7.84	5
2014/07/21	MF	US2	15:28:01	B	4.9	26.6	0.03	28.04	22.50	67.20	4.64	12.30	7.66	13
2014/07/21	MF	US2	15:29:01	M	3.5	198.1	0.49	28.09	22.26	68.09	4.70	6.80	7.67	7
2014/07/21	MF	US2	15:30:01	T	1.0	164.1	0.48	29.58	17.67	96.19	6.64	2.20	7.83	5
2014/07/21	MF	US2	15:31:11	B	4.9	208.3	0.25	28.03	22.52	67.09	4.63	10.10	7.67	12
2014/07/21	MF	US2	15:32:01	M	3.5	250.9	0.71	28.12	22.15	67.97	4.69	7.50	7.67	7
2014/07/21	MF	US2	15:33:02	T	1.0	98.8	0.43	29.52	17.77	95.57	6.60	2.80	7.82	5
2014/07/21	MF	MW1	15:34:39	B	19.1	54.1	0.66	26.51	29.46	48.49	3.30	6.56	7.71	7
2014/07/21	MF	MW1	15:35:35	M	10.5	76.5	0.74	27.21	26.66	56.09	3.84	2.96	7.68	6
2014/07/21	MF	MW1	15:36:37	T	0.9	272.4	0.73	28.36	22.11	74.89	5.15	1.19	7.67	3
2014/07/21	MF	MW1	15:37:41	B	19.2	16.6	0.47	26.46	29.60	47.25	3.23	6.52	7.71	7
2014/07/21	MF	MW1	15:38:31	M	10.6	327.1	0.11	27.24	26.57	56.15	3.84	2.89	7.68	6
2014/07/21	MF	MW1	15:39:14	T	1.0	104.3	0.95	28.28	22.32	71.21	4.90	1.38	7.67	3
2014/07/21	MF	MW1	15:40:22	B	19.0	101.5	0.33	26.46	29.61	47.17	3.21	6.62	7.71	7
2014/07/21	MF	MW1	15:41:30	M	10.4	127.6	0.45	27.27	26.48	56.93	3.89	2.75	7.68	6
2014/07/21	MF	MW1	15:42:22	T	1.1	327.1	0.22	28.01	23.35	67.87	4.66	1.51	7.67	3
2014/07/21	MF	THB1	14:17:11	B	3.0	325.4	0.47	28.77	21.32	76.61	5.26	9.90	7.63	10
2014/07/21	MF	THB1	14:18:01	T	1.1	141.7	0.30	29.38	18.77	91.12	6.28	6.80	7.72	9
2014/07/21	MF	THB1	14:19:23	B	2.9	263.3	0.41	29.10	19.71	85.49	5.89	7.32	7.69	11
2014/07/21	MF	THB1	14:20:05	T	1.0	178.2	1.32	29.63	18.45	95.15	6.54	3.73	7.74	9
2014/07/21	MF	THB1	14:20:56	B	2.8	241.7	0.90	29.18	19.40	88.14	6.07	7.15	7.70	11
2014/07/21	MF	THB1	14:21:44	T	1.1	243.0	0.52	29.36	18.97	90.66	6.24	9.06	7.72	9
2014/07/21	MF	THB2	14:24:18	M	1.0	40.0	0.02	30.86	19.64	151.76	10.15	24.22	8.15	8
2014/07/21	MF	THB2	14:24:51	M	1.0	40.0	0.03	30.76	19.67	156.22	10.47	16.22	8.17	9
2014/07/21	MF	THB2	14:25:38	M	1.0	40.0	0.02	30.39	19.74	159.07	10.72	20.42	8.21	9
2014/07/21	MF	WSR45C	14:56:20	B	12.1	176.1	0.94	27.24	25.95	52.76	3.62	11.04	7.61	10
2014/07/21	MF	WSR45C	14:57:16	M	7.0	265.3	0.84	27.89	23.63	64.39	4.43	4.29	7.64	6
2014/07/21	MF	WSR45C	14:58:00	T	1.1	195.5	1.57	29.47	18.40	94.11	6.49	1.77	7.78	3
2014/07/21	MF	WSR45C	14:59:00	B	12.1	79.0	0.50	27.25	25.93	53.02	3.64	10.84	7.62	11
2014/07/21	MF	WSR45C	14:59:41	M	6.7	257.4	0.42	27.74	24.17	61.15	4.20	4.78	7.64	6
2014/07/21	MF	WSR45C	15:00:31	T	1.1	294.1	0.61	29.32	18.65	93.60	6.46	1.71	7.78	3
2014/07/21	MF	WSR45C	15:01:23	B	12.2	29.0	0.14	27.25	25.89	52.27	3.59	10.85	7.62	10
2014/07/21	MF	WSR45C	15:02:22	M	6.8	14.0	0.34	27.64	24.53	58.88	4.04	5.77	7.63	6
2014/07/21	MF	WSR45C	15:03:14	T	1.2	333.0	0.34	29.63	17.97	96.43	6.64	1.81	7.78	3
2014/07/21	MF	WSR46	13:50:44	B	8.6	275.5	1.45	28.04	23.26	65.14	4.48	10.69	7.56	12
2014/07/21	MF	WSR46	13:51:35	M	5.3	337.1	1.06	29.24	19.80	96.59	6.63	3.03	7.71	7
2014/07/21	MF	WSR46	13:52:19	T	1.1	34.0	1.21	29.86	14.28	86.64	6.07	2.93	7.74	4
2014/07/21	MF	WSR46	13:53:09	B	9.1	312.7	0.68	27.93	23.55	61.97	4.26	14.28	7.57	12
2014/07/21	MF	WSR46	13:53:59	M	5.7	334.9	0.47	29.19	18.57	92.08				

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)
2014/07/21	ME	DS1	08:11:17	B	3.9	353.1	0.33	28.61	20.50	80.36	5.55	3.20	7.69	5
2014/07/21	ME	DS1	08:12:04	M	3.0	69.8	0.14	28.66	20.23	78.95	5.46	2.80	7.70	4
2014/07/21	ME	DS1	08:13:01	T	1.0	339.7	0.07	28.61	19.73	84.02	5.83	2.00	7.72	4
2014/07/21	ME	DS1	08:14:00	B	4.1	156.3	0.06	28.46	20.98	75.75	5.23	2.80	7.68	6
2014/07/21	ME	DS1	08:15:01	M	2.9	59.0	0.22	28.58	20.34	77.93	5.39	2.80	7.70	4
2014/07/21	ME	DS1	08:16:02	T	1.1	42.8	0.20	28.62	19.75	83.40	5.79	2.20	7.73	4
2014/07/21	ME	DS1	08:17:01	B	4.0	79.8	0.11	28.55	20.55	77.02	5.33	3.10	7.69	6
2014/07/21	ME	DS1	08:18:01	M	3.0	96.2	0.17	28.63	20.11	80.90	5.60	2.70	7.72	4
2014/07/21	ME	DS1	08:19:00	T	1.2	145.1	0.14	28.60	18.98	83.37	5.81	2.00	7.73	4
2014/07/21	ME	DS2	08:24:12	B	4.9	51.7	0.10	28.33	21.38	71.99	4.97	2.80	7.67	5
2014/07/21	ME	DS2	08:25:01	M	3.6	70.7	0.15	28.68	20.22	79.24	5.48	2.90	7.72	4
2014/07/21	ME	DS2	08:26:00	T	1.1	134.5	0.30	28.70	18.67	81.52	5.68	1.90	7.72	5
2014/07/21	ME	DS2	08:27:00	B	5.0	43.4	0.15	28.19	21.95	69.49	4.80	5.30	7.66	5
2014/07/21	ME	DS2	08:28:01	M	3.4	146.6	0.10	28.62	20.26	79.42	5.50	2.70	7.70	4
2014/07/21	ME	DS2	08:29:01	T	1.0	108.1	0.42	28.72	18.44	81.70	5.70	2.10	7.72	5
2014/07/21	ME	DS2	08:29:51	B	5.0	356.8	0.05	28.32	21.41	72.65	5.02	5.40	7.67	5
2014/07/21	ME	DS2	08:31:06	M	3.5	49.6	0.21	28.60	20.32	78.10	5.40	5.20	7.69	4
2014/07/21	ME	DS2	08:32:09	T	1.0	41.0	0.07	28.74	18.26	81.57	5.70	2.50	7.72	5
2014/07/21	ME	DS3	08:36:47	B	6.9	36.8	0.17	27.85	23.46	67.23	4.63	5.90	7.64	7
2014/07/21	ME	DS3	08:37:35	M	4.5	59.5	0.12	28.40	21.25	72.39	5.00	2.60	7.68	4
2014/07/21	ME	DS3	08:38:23	T	0.8	116.4	0.37	28.81	17.85	79.33	5.55	1.90	7.71	4
2014/07/21	ME	DS3	08:40:11	B	7.0	355.5	0.26	27.98	22.97	61.45	4.23	6.20	7.66	7
2014/07/21	ME	DS3	08:41:00	M	4.5	87.2	0.32	28.48	20.94	73.85	5.10	2.50	7.69	4
2014/07/21	ME	DS3	08:42:01	T	0.9	145.7	0.32	28.81	17.83	79.40	5.55	2.10	7.71	4
2014/07/21	ME	DS3	08:43:00	B	6.9	21.2	0.10	27.90	23.04	63.81	4.40	6.10	7.65	4
2014/07/21	ME	DS3	08:44:01	M	4.3	102.9	0.27	28.68	20.34	80.77	5.58	2.50	7.72	4
2014/07/21	ME	DS3	08:45:01	T	1.0	125.3	0.63	28.95	17.11	81.26	5.69	1.90	7.72	4
2014/07/21	ME	DS4	08:50:17	B	9.3	83.0	0.36	27.54	24.66	61.18	4.21	8.70	7.65	7
2014/07/21	ME	DS4	08:51:05	M	5.3	71.0	0.39	28.49	20.83	74.66	5.16	2.50	7.70	3
2014/07/21	ME	DS4	08:52:01	T	1.2	118.2	0.45	28.83	18.03	79.51	5.55	2.10	7.71	4
2014/07/21	ME	DS4	08:53:00	B	8.9	15.8	0.33	27.65	24.18	60.37	4.15	7.40	7.65	7
2014/07/21	ME	DS4	08:54:00	M	5.4	131.9	0.05	28.49	20.83	75.14	5.19	2.20	7.70	3
2014/07/21	ME	DS4	08:55:00	T	1.2	105.8	0.78	28.76	18.40	78.40	5.47	2.20	7.70	4
2014/07/21	ME	DS4	08:56:01	B	8.8	15.2	0.36	27.65	24.15	61.05	4.20	6.40	7.65	8
2014/07/21	ME	DS4	08:57:00	M	5.5	76.9	0.43	28.51	20.64	75.51	5.22	2.20	7.70	3
2014/07/21	ME	DS4	08:58:01	T	1.0	172.4	0.21	28.78	18.33	78.08	5.45	2.10	7.71	4
2014/07/21	ME	DS5	09:02:41	B	9.9	56.5	0.37	27.63	24.31	62.89	4.33	7.50	7.65	10
2014/07/21	ME	DS5	09:03:30	M	5.9	52.3	0.24	28.54	20.41	75.56	5.23	2.40	7.69	3
2014/07/21	ME	DS5	09:04:25	T	1.0	81.0	0.92	28.93	17.58	80.00	5.59	1.90	7.71	3
2014/07/21	ME	DS5	09:05:20	B	10.2	69.7	0.39	27.56	24.90	62.77	4.31	7.30	7.64	10
2014/07/21	ME	DS5	09:06:03	M	5.9	21.5	0.46	28.55	20.38	73.95	5.12	2.70	7.69	4
2014/07/21	ME	DS5	09:07:00	T	0.9	102.8	0.73	28.90	17.77	79.39	5.54	1.80	7.71	4
2014/07/21	ME	DS5	09:08:00	B	10.0	81.8	0.47	27.64	24.97	62.26	4.27	7.80	7.64	10
2014/07/21	ME	DS5	09:09:01	M	5.9	39.8	0.18	28.57	20.24	76.11	5.27	2.30	7.70	3
2014/07/21	ME	DS5	09:10:00	T	1.1	98.7	0.57	29.04	16.85	81.24	5.69	1.90	7.72	3
2014/07/21	ME	US1	09:27:32	B	3.1	4.4	0.12	28.79	21.04	80.60	5.54	15.20	7.72	8
2014/07/21	ME	US1	09:28:17	T	0.9	59.2	0.15	29.05	19.85	91.06	6.27	3.40	7.79	4
2014/07/21	ME	US1	09:29:15	B	3.0	4.4	0.12	28.74	21.32	79.99	5.49	12.20	7.70	8
2014/07/21	ME	US1	09:30:01	T	0.9	4.9	0.26	29.05	20.01	89.76	6.18	4.10	7.78	4
2014/07/21	ME	US1	09:31:08	B	3.3	31.2	0.16	28.89	21.02	82.94	5.69	11.70	7.73	8
2014/07/21	ME	US1	09:32:00	T	0.9	6.6	0.07	29.06	19.93	90.63	6.24	3.50	7.78	4
2014/07/21	ME	US2	09:38:59	B	2.8	29.1	0.25	29.03	20.37	84.55	5.81	13.70	7.73	13
2014/07/21	ME	US2	09:40:01	T	1.0	116.6	0.26	29.14	19.67	91.64	6.31	3.20	7.78	5
2014/07/21	ME	US2	09:41:11	B	3.0	17.1	0.25	29.09	20.64	83.94	5.75	9.70	7.72	13
2014/07/21	ME	US2	09:42:01	T	1.0	140.7	0.24	29.11	19.85	88.86	6.11	3.80	7.77	5
2014/07/21	ME	US2	09:43:29	B	3.0	21.0	0.08	28.11	20.71	83.13	5.69	11.20	7.72	13
2014/07/21	ME	US2	09:44:07	T	1.0	70.9	0.46	29.15	19.95	89.24	6.13	3.90	7.77	4
2014/07/21	ME	MW1	07:57:27	B	19.0	107.3	0.65	26.14	30.40	44.57	3.04	3.75	7.67	7
2014/07/21	ME	MW1	07:58:27	M	10.7	323.3	0.12	27.93	24.01	69.08	4.74	2.41	7.68	3
2014/07/21	ME	MW1	07:59:26	T	0.9	69.3	0.46	28.56	21.09	83.90	5.78	1.10	7.72	3
2014/07/21	ME	MW1	08:00:51	B	18.9	84.1	0.77	26.11	30.38	43.19	2.95	4.15	7.70	7
2014/07/21	ME	MW1	08:01:44	M	10.7	332.1	0.58	27.90	24.22	68.38	4.68	1.25	7.70	3
2014/07/21	ME	MW1	08:02:33	T	1.0	95.1	1.44	28.63	20.20	87.13	6.03	1.15	7.73	3
2014/07/21	ME	MW1	08:04:17	B	18.8	66.4	0.66	26.15	30.19	43.27	2.95	4.13	7.71	7
2014/07/21	ME	MW1	08:05:13	M	10.6	17.7	0.95	27.96	23.96	70.09	4.80	1.20	7.70	3
2014/07/21	ME	MW1	08:06:06	T	1.0	78.9	0.40	28.62	20.97	84.53	5.83	1.11	7.73	3
2014/07/21	ME	THB1	09:10:25	B	3.1	35.3	0.16	28.77	21.06	78.78	5.40	8.75	7.61	7
2014/07/21	ME	THB1	09:11:18	T	1.1	34.0	0.29	29.23	20.30	94.42	6.47	2.90	7.71	10
2014/07/21	ME	THB1	09:12:05	B	3.1	46.8	1.20	28.98	21.06	79.79	5.46	8.96	7.62	7
2014/07/21	ME	THB1	09:13:12	T	1.1	26.2	0.56	29.29	20.28	96.06	6.57	3.26	7.72	11
2014/07/21	ME	THB1	09:13:57	B	3.0	168.1	0.31	29.07	21.01	81.51	5.58	8.68	7.64	7
2014/07/21	ME	THB1	09:14:50	T	1.2	319.8	0.24	29.31	20.42	96.87	6.62	3.26	7.73	10
2014/07/21	ME	THB2	09:17:41	M	1.3	40.0	0.03	28.61	20.04	79.70	5.52	5.53	7.78	6
2014/07/21	ME	THB2	09:18:27	M	1.4	40.0	0.03	28.59	20.04	79.98	5.54	3.34	7.80	6
2014/07/21	ME	THB2	09:18:54	M	1.4	40.0	0.03	28.59	20.04	79.37	5.50	3.84	7.80	6
2014/07/21	ME	WSR45C	08:42:20	B	13.1	196.0	0.51	26.29	29.00	42.40	2.91	7.21	7.63	9
2014/07/21	ME	WSR45C	08:43:02	M	7.6	40.2	0.75	28.57	20.32	76.27	5.28	3.42	7.67	5
2014/07/21	ME	WSR45C	08:43:53	T	1.6	145.1	0.59	29.04	17.53	82.38	5.75	1.93	7.67	4
2014/07/21	ME	WSR45C	08:44:43	B	13.1	221.8	0.65	26.23	29.15	41.80	2.87	7.61	7.63	10
2014/07/21	ME	WSR45C	08:45:28	M	7.6	42.0	0.48	28.58	20.33	76.30	5.28	2.71	7.66	5
2014/07/21	ME	WSR45C	08:46:12	T	1.1	148.5	0.14	29.05	16.18	82.50	5.80	1.96	7.68	4
2014/07/21	ME	WSR45C	08:47:04	B	13.0	227.4	0.42	26.27	29.06	42.09	2.88	7.26	7.62	9
2014/07/21	ME	WSR45C	08:47:49	M	7.3	104.8	0.98	28.60	20.35	76.61	5.30	2.35	7.65	4
2014/07/21	ME	WSR45C	08:48:32	T	1.0	83.6	1.19	29.15	16.81	83.07	5.81	2.06	7.67	4
2014/07/21	ME	WSR46	09:51:21	B	8.7	130.0	0.74	27.96	23.35	63.47	4.36	6.01	7.56	10
2014/07/21	ME	WSR46	09:52:05	M	5.3	85.6	0.71	28.61	20.52	74.47	5.15	2.12	7.60	6
2014/07/21	ME	WSR46	09:52:54	T										

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)
2014/07/23	MF	DS1	16:32:44	B	1.9	304.0	0.59	29.83	18.11	119.42	8.20	7.80	7.97	13
2014/07/23	MF	DS1	16:33:28	T	1.1	167.1	0.77	29.96	17.87	122.50	8.40	6.40	8.01	10
2014/07/23	MF	DS1	16:34:38	B	1.9	134.8	1.09	29.82	18.18	118.58	8.14	8.70	7.97	12
2014/07/23	MF	DS1	16:35:21	T	0.9	215.5	0.35	30.24	17.43	130.83	8.95	3.90	8.08	9
2014/07/23	MF	DS1	16:36:11	B	2.0	349.3	0.46	29.84	18.18	120.45	8.26	8.00	7.98	13
2014/07/23	MF	DS1	16:37:01	T	1.1	347.3	0.23	30.25	17.44	132.78	9.08	3.60	8.08	10
2014/07/23	MF	DS2	16:43:13	B	2.0	192.7	0.31	29.97	20.25	115.33	7.80	13.30	7.88	17
2014/07/23	MF	DS2	16:44:00	T	1.0	98.0	0.58	30.18	17.65	133.72	9.15	5.00	8.09	8
2014/07/23	MF	DS2	16:45:32	B	2.0	267.6	0.80	30.09	18.40	117.97	8.05	12.70	8.00	17
2014/07/23	MF	DS2	16:46:16	T	1.0	321.7	1.08	30.08	17.85	131.48	9.00	6.30	8.06	9
2014/07/23	MF	DS2	16:47:04	B	2.0	28.4	0.10	30.09	19.01	119.43	8.12	12.20	7.99	16
2014/07/23	MF	DS2	16:48:00	T	1.0	99.9	0.58	30.12	18.34	127.96	8.73	8.50	8.04	8
2014/07/23	MF	DS3	16:55:34	B	2.0	186.4	0.81	30.88	19.25	143.29	9.60	9.00	8.11	13
2014/07/23	MF	DS3	16:56:14	T	1.0	68.9	1.08	31.17	18.44	157.97	10.58	5.30	8.19	8
2014/07/23	MF	DS3	16:57:03	B	2.0	239.3	0.49	30.91	19.32	133.52	8.94	11.00	8.11	13
2014/07/23	MF	DS3	16:58:15	T	1.0	240.2	0.67	30.82	18.07	145.80	9.85	7.50	8.15	8
2014/07/23	MF	DS3	16:59:00	B	1.9	182.7	0.52	30.86	19.13	143.70	9.64	10.10	8.11	13
2014/07/23	MF	DS3	17:00:01	T	0.9	295.2	0.81	30.85	18.50	145.37	9.79	8.50	8.13	8
2014/07/23	MF	DS4	17:06:18	B	4.1	231.8	0.49	29.48	21.21	87.42	5.93	31.10	7.77	21
2014/07/23	MF	DS4	17:07:07	M	2.9	249.6	0.74	30.11	20.53	116.65	7.86	17.70	7.93	14
2014/07/23	MF	DS4	17:08:00	T	1.1	335.3	0.25	31.30	18.84	165.29	11.03	4.80	8.25	6
2014/07/23	MF	DS4	17:09:00	B	4.1	190.8	1.50	29.31	21.71	87.09	5.91	34.20	7.74	21
2014/07/23	MF	DS4	17:10:07	M	2.8	353.1	0.29	30.41	20.22	118.57	7.97	13.90	8.02	14
2014/07/23	MF	DS4	17:11:00	T	0.9	51.9	1.43	31.26	18.75	162.53	10.86	4.90	8.23	6
2014/07/23	MF	DS4	17:12:14	B	4.0	69.1	0.84	29.65	21.00	96.84	6.56	29.60	7.80	20
2014/07/23	MF	DS4	17:13:11	M	3.1	283.4	0.54	30.79	19.81	128.01	8.57	10.20	8.07	13
2014/07/23	MF	DS4	17:14:01	T	0.9	93.8	0.50	30.93	18.27	153.04	10.30	5.10	8.19	6
2014/07/23	MF	DS5	17:19:47	B	4.9	318.2	0.30	29.02	22.20	78.33	5.33	12.50	7.74	14
2014/07/23	MF	DS5	17:20:50	M	3.5	321.9	0.67	29.59	20.94	96.41	6.54	12.90	7.86	15
2014/07/23	MF	DS5	17:21:36	T	1.0	294.6	0.15	30.92	19.33	151.07	10.11	7.40	8.18	9
2014/07/23	MF	DS5	17:22:31	B	5.1	48.0	0.23	28.59	23.04	72.36	4.93	12.10	7.69	13
2014/07/23	MF	DS5	17:23:12	M	3.6	349.9	0.22	29.37	21.41	88.16	5.99	12.70	7.79	15
2014/07/23	MF	DS5	17:24:04	T	0.9	232.2	0.63	30.95	19.10	156.64	10.50	7.60	8.20	10
2014/07/23	MF	DS5	17:25:00	B	4.8	146.4	0.16	28.69	22.87	67.98	4.63	13.80	7.68	13
2014/07/23	MF	DS5	17:26:00	M	3.5	305.0	0.12	29.82	20.65	103.63	7.01	13.00	7.91	16
2014/07/23	MF	DS5	17:27:00	T	1.0	182.0	0.86	30.98	19.04	158.73	10.63	7.80	8.20	9
2014/07/23	MF	US1	17:41:37	B	3.9	310.5	0.44	29.23	19.72	88.48	6.08	5.70	7.84	6
2014/07/23	MF	US1	17:42:24	M	2.9	175.9	0.49	29.45	18.94	94.48	6.50	3.00	7.86	5
2014/07/23	MF	US1	17:43:08	T	0.8	64.0	0.60	30.18	16.79	119.10	8.19	3.70	8.04	4
2014/07/23	MF	US1	17:44:00	B	3.9	13.1	0.47	29.08	20.17	88.09	5.91	5.90	7.80	6
2014/07/23	MF	US1	17:45:03	M	2.9	255.6	0.63	29.23	19.70	88.34	6.07	3.60	7.83	5
2014/07/23	MF	US1	17:46:01	T	1.0	139.0	0.25	29.66	18.08	103.98	7.16	3.30	7.91	4
2014/07/23	MF	US1	17:47:00	B	3.8	260.1	0.16	29.07	20.21	84.47	5.80	7.30	7.79	5
2014/07/23	MF	US1	17:48:00	M	2.9	126.3	0.31	29.19	19.79	86.32	5.93	4.60	7.82	6
2014/07/23	MF	US1	17:49:00	T	1.0	279.4	0.28	29.65	18.18	100.97	6.95	2.90	7.91	5
2014/07/23	MF	US2	17:52:57	B	7.9	231.8	0.30	27.92	24.83	60.09	4.10	7.90	7.68	12
2014/07/23	MF	US2	17:53:42	M	5.2	294.6	0.16	28.64	21.78	71.98	4.94	6.20	7.76	8
2014/07/23	MF	US2	17:54:24	T	0.9	13.1	0.25	29.90	17.31	106.58	7.34	3.30	7.99	5
2014/07/23	MF	US2	17:55:28	B	7.8	143.1	0.23	28.12	24.09	63.21	4.32	8.60	7.70	13
2014/07/23	MF	US2	17:56:19	M	5.0	206.3	0.57	28.64	21.75	72.64	4.98	5.70	7.76	8
2014/07/23	MF	US2	17:57:04	T	1.1	273.4	0.59	29.86	17.41	105.85	7.29	3.30	7.97	5
2014/07/23	MF	US2	17:58:54	B	7.8	60.7	0.57	28.07	24.27	59.44	4.06	10.50	7.68	12
2014/07/23	MF	US2	17:59:32	M	4.9	265.4	0.53	28.66	21.75	70.93	4.86	5.10	7.75	8
2014/07/23	MF	US2	18:00:14	T	1.1	178.6	0.46	30.01	16.91	109.92	7.57	3.10	8.01	5
2014/07/23	MF	MW1	18:08:14	B	18.2	65.1	1.00	26.61	30.39	44.65	3.02	5.96	7.73	8
2014/07/23	MF	MW1	18:09:02	M	9.9	223.7	0.45	27.75	26.58	61.35	4.16	3.41	7.74	6
2014/07/23	MF	MW1	18:09:53	T	1.1	196.8	0.51	28.49	23.28	72.70	4.96	2.14	7.75	4
2014/07/23	MF	MW1	18:11:22	B	18.0	161.5	0.81	26.58	30.45	43.55	2.95	7.47	7.73	8
2014/07/23	MF	MW1	18:12:16	M	10.2	167.2	0.71	27.69	26.81	59.70	4.05	3.49	7.74	5
2014/07/23	MF	MW1	18:13:01	T	0.9	204.7	0.45	28.60	22.69	74.05	5.06	1.63	7.76	4
2014/07/23	MF	MW1	18:14:21	B	18.1	120.0	0.19	26.60	30.43	43.96	2.97	7.36	7.73	8
2014/07/23	MF	MW1	18:15:10	M	9.8	16.7	0.56	27.61	27.03	58.11	3.94	4.05	7.74	5
2014/07/23	MF	MW1	18:15:59	T	0.8	223.3	1.07	29.30	20.12	83.86	5.74	2.04	7.78	4
2014/07/23	MF	THB1	16:50:20	B	2.1	203.7	0.71	29.76	20.15	103.33	7.02	9.51	7.87	14
2014/07/23	MF	THB1	16:51:03	T	1.1	205.0	0.89	30.13	18.99	114.55	7.78	8.00	7.98	11
2014/07/23	MF	THB1	16:52:11	B	2.1	259.8	0.24	29.82	20.11	104.39	7.09	10.47	7.87	15
2014/07/23	MF	THB1	16:53:01	T	1.0	195.7	0.36	30.29	18.30	123.24	8.38	7.68	8.01	12
2014/07/23	MF	THB1	16:53:47	B	2.1	113.0	0.69	30.19	18.69	120.01	8.16	8.44	7.99	14
2014/07/23	MF	THB1	16:54:15	T	1.0	282.1	0.34	30.32	18.09	125.48	8.54	6.94	8.02	12
2014/07/23	MF	THB2	16:55:27	M	0.9	40.0	0.03	32.10	16.76	147.22	9.80	13.13	8.09	7
2014/07/23	MF	THB2	16:55:56	M	0.9	40.0	0.03	31.92	16.81	139.27	9.30	12.73	8.07	7
2014/07/23	MF	THB2	16:56:24	M	0.9	40.0	0.02	31.91	16.89	143.89	9.60	12.63	8.10	7
2014/07/23	MF	WSR45C	17:28:18	B	12.0	232.3	0.31	27.57	26.68	50.84	3.45	11.13	7.70	11
2014/07/23	MF	WSR45C	17:29:21	M	6.8	279.0	0.44	28.00	24.81	57.98	3.95	7.58	7.71	7
2014/07/23	MF	WSR45C	17:30:13	T	1.1	157.6	0.67	30.13	17.17	117.57	8.07	2.98	8.01	7
2014/07/23	MF	WSR45C	17:31:03	B	12.0	10.7	0.53	27.59	26.68	52.25	3.55	10.13	7.69	12
2014/07/23	MF	WSR45C	17:32:39	M	6.9	326.2	0.22	27.91	25.40	56.20	3.82	8.49	7.70	7
2014/07/23	MF	WSR45C	17:33:16	T	1.1	219.5	0.72	30.06	17.29	113.56	7.80	2.77	8.00	7
2014/07/23	MF	WSR45C	17:34:15	B	12.0	284.6	0.38	27.54	26.89	50.41	3.42	12.18	7.69	11
2014/07/23	MF	WSR45C	17:35:13	M	7.1	64.0	0.49	27.90	25.38	55.76	3.80	9.51	7.70	8
2014/07/23	MF	WSR45C	17:35:57	T	1.0	279.9	0.49	30.09	17.27	117.18	8.04	2.59	8.00	8
2014/07/23	MF	WSR46	16:17:55	B	7.6	301.0	0.55	27.77	26.01	54.92	3.73	17.95	7.57	13
2014/07/23	MF	WSR46	16:18:43	M	4.8	282.5	0.63	29.75	20.70	91.26	6.18	6.60	7.83	8
2014/07/23	MF	WSR46	16:19:31	T	0.9	6.8	0.60	31.00	11.24	105.27	7.36	4.79	7.87	8
2014/07/23	MF	WSR46	16:25:13	B	8.1	284.8	0.66	27.72	26.18	55.14	3.75	25.43	7.70	13
2014/07/23	MF	WSR46	16:26:04	M										

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)
2014/07/23	ME	DS1	10:15:11	B	4.1	338.0	0.43	29.23	19.56	92.46	6.36	3.40	7.79	7
2014/07/23	ME	DS1	10:16:05	M	3.1	6.1	0.43	29.55	19.41	102.10	6.99	4.60	7.87	6
2014/07/23	ME	DS1	10:17:01	T	1.0	199.0	0.71	29.84	19.18	109.55	7.47	5.80	7.93	9
2014/07/23	ME	DS1	10:18:01	B	4.0	357.0	0.65	29.17	19.92	87.95	6.04	6.60	7.78	7
2014/07/23	ME	DS1	10:19:02	M	2.9	39.8	0.41	29.48	19.36	97.88	6.71	3.90	7.86	6
2014/07/23	ME	DS1	10:20:01	T	1.0	70.7	0.09	29.85	19.16	111.79	7.63	3.80	7.94	9
2014/07/23	ME	DS1	10:21:01	B	4.0	267.5	0.32	29.02	20.31	83.53	5.74	2.80	7.77	7
2014/07/23	ME	DS1	10:22:01	M	3.0	188.3	0.19	29.39	19.45	94.56	6.49	4.50	7.84	7
2014/07/23	ME	DS1	10:23:01	T	1.0	42.9	1.81	29.74	19.21	106.87	7.30	4.30	7.93	9
2014/07/23	ME	DS2	10:28:10	B	5.9	218.5	0.45	28.39	22.49	68.95	4.73	4.70	7.73	6
2014/07/23	ME	DS2	10:29:01	M	4.0	86.7	0.65	28.85	20.42	77.98	5.37	2.00	7.77	5
2014/07/23	ME	DS2	10:30:01	T	1.0	273.7	0.48	29.70	18.37	102.70	7.05	2.80	7.91	7
2014/07/23	ME	DS2	10:31:10	B	5.9	241.2	0.59	28.48	22.30	71.99	4.94	4.00	7.74	6
2014/07/23	ME	DS2	10:32:01	M	4.2	148.7	0.11	28.87	20.43	78.54	5.41	2.80	7.77	5
2014/07/23	ME	DS2	10:33:09	T	1.1	301.7	0.26	29.71	18.42	103.34	7.09	2.80	7.92	7
2014/07/23	ME	DS2	10:34:19	B	6.0	316.8	0.74	28.73	21.06	75.44	5.19	2.80	7.76	7
2014/07/23	ME	DS2	10:35:10	M	3.9	26.1	0.89	28.89	20.21	79.20	5.46	1.90	7.78	6
2014/07/23	ME	DS2	10:36:11	T	1.2	220.8	0.26	29.76	18.42	103.50	7.10	2.80	7.93	7
2014/07/23	ME	DS3	10:41:15	B	7.0	234.9	0.24	28.41	22.51	71.79	4.92	1.90	7.74	5
2014/07/23	ME	DS3	10:42:01	M	4.4	79.4	0.30	28.83	20.01	77.73	5.37	2.20	7.78	4
2014/07/23	ME	DS3	10:43:00	T	0.9	78.2	0.94	29.53	17.64	92.59	6.40	2.50	7.86	4
2014/07/23	ME	DS3	10:44:10	B	7.0	150.0	0.10	28.52	21.85	72.26	4.96	1.90	7.76	5
2014/07/23	ME	DS3	10:45:07	M	4.4	312.9	0.72	28.81	20.21	77.40	5.34	2.60	7.79	4
2014/07/23	ME	DS3	10:46:00	T	1.0	83.7	1.00	29.53	17.95	93.25	6.44	2.50	7.86	4
2014/07/23	ME	DS3	10:47:12	B	7.0	129.0	0.22	28.50	22.12	72.52	4.98	1.80	7.75	5
2014/07/23	ME	DS3	10:48:07	M	4.4	117.1	0.55	28.91	19.67	80.34	5.55	2.20	7.79	4
2014/07/23	ME	DS3	10:49:00	T	1.0	125.7	0.37	29.51	17.88	92.71	6.40	2.60	7.86	4
2014/07/23	ME	DS4	10:53:29	B	9.1	104.0	0.92	27.50	26.89	62.86	4.27	4.60	7.75	6
2014/07/23	ME	DS4	10:54:21	M	5.4	1.5	0.27	28.79	20.33	75.22	5.19	2.10	7.78	5
2014/07/23	ME	DS4	10:55:19	T	0.9	66.0	0.37	29.53	16.59	89.76	6.24	2.40	7.86	3
2014/07/23	ME	DS4	10:56:19	B	8.9	351.5	0.43	27.51	26.68	59.96	4.08	4.30	7.74	6
2014/07/23	ME	DS4	10:57:09	M	5.6	71.8	0.47	28.80	20.34	74.70	5.15	2.10	7.78	6
2014/07/23	ME	DS4	10:58:04	T	0.9	125.1	0.91	29.50	16.90	89.82	6.24	2.30	7.86	3
2014/07/23	ME	DS4	10:59:11	B	8.8	30.3	0.23	27.74	25.78	60.73	4.14	5.50	7.75	6
2014/07/23	ME	DS4	11:00:08	M	5.4	143.3	0.10	28.89	19.95	76.74	5.30	2.40	7.78	5
2014/07/23	ME	DS4	11:01:01	T	1.1	79.2	0.33	29.51	16.87	89.09	6.19	2.80	7.85	3
2014/07/23	ME	DS5	11:06:40	B	9.6	239.2	0.62	27.66	26.01	61.16	4.17	7.60	7.75	7
2014/07/23	ME	DS5	11:07:35	M	5.9	139.9	0.53	28.77	20.27	75.18	5.19	2.40	7.77	3
2014/07/23	ME	DS5	11:08:21	T	1.2	110.8	1.04	29.45	15.66	88.41	6.19	2.70	7.85	4
2014/07/23	ME	DS5	11:09:28	B	10.2	23.2	0.40	27.50	26.87	61.72	4.19	9.10	7.75	6
2014/07/23	ME	DS5	11:11:18	M	5.9	77.2	0.32	28.67	20.81	71.59	4.93	3.40	7.76	3
2014/07/23	ME	DS5	11:12:03	T	1.0	75.6	0.95	29.43	14.13	95.47	6.70	3.20	7.93	4
2014/07/23	ME	DS5	11:13:01	B	10.1	291.4	0.33	27.51	26.88	60.32	4.10	8.60	7.75	7
2014/07/23	ME	DS5	11:14:00	M	5.7	54.5	1.28	28.69	20.77	72.15	4.97	2.70	7.76	3
2014/07/23	ME	DS5	11:15:00	T	1.1	90.8	0.80	29.82	14.61	96.52	6.75	2.90	7.92	4
2014/07/23	ME	US1	11:32:25	B	2.9	183.2	0.69	29.66	20.11	94.71	6.45	16.20	7.86	18
2014/07/23	ME	US1	11:33:20	T	0.9	310.5	0.67	29.84	19.88	99.71	6.78	11.60	7.88	13
2014/07/23	ME	US1	11:34:10	B	2.9	297.8	0.20	29.57	20.29	92.91	6.33	16.00	7.84	18
2014/07/23	ME	US1	11:35:00	T	0.8	157.7	0.55	29.88	19.83	100.08	6.80	11.80	7.88	13
2014/07/23	ME	US1	11:36:05	B	2.9	18.8	0.18	29.60	20.22	92.30	6.29	16.30	7.84	18
2014/07/23	ME	US1	11:37:00	T	0.9	67.1	0.50	29.85	19.85	101.24	6.88	11.00	7.89	13
2014/07/23	ME	US2	11:43:40	B	2.9	193.1	0.29	28.68	22.00	59.66	4.08	14.90	7.58	17
2014/07/23	ME	US2	11:44:21	T	1.0	354.8	1.64	30.13	19.51	93.37	6.33	6.00	7.87	8
2014/07/23	ME	US2	11:45:08	B	2.8	201.4	0.09	28.60	22.21	55.23	3.78	20.00	7.56	17
2014/07/23	ME	US2	11:46:15	T	1.0	85.6	1.86	30.08	19.55	93.24	6.32	5.50	7.87	8
2014/07/23	ME	US2	11:47:00	B	2.7	332.2	0.13	28.57	22.30	54.23	3.71	17.80	7.54	16
2014/07/23	ME	US2	11:48:01	T	1.0	80.7	1.76	29.65	20.31	86.44	5.91	7.80	7.79	9
2014/07/23	ME	MW1	09:51:55	B	19.1	28.0	0.11	27.16	29.19	56.46	3.81	2.02	7.72	4
2014/07/23	ME	MW1	09:52:50	M	10.6	27.0	0.33	28.98	20.20	84.85	5.84	1.24	7.79	4
2014/07/23	ME	MW1	09:53:42	T	1.1	188.3	0.24	29.43	17.86	93.70	6.48	1.61	7.82	7
2014/07/23	ME	MW1	09:55:07	B	18.9	344.7	0.44	27.14	29.17	55.14	3.72	2.67	7.79	4
2014/07/23	ME	MW1	09:56:13	M	10.4	244.2	0.58	29.03	19.98	86.51	5.95	1.37	7.82	4
2014/07/23	ME	MW1	09:57:01	T	1.1	88.2	1.36	29.44	17.74	93.58	6.48	1.71	7.84	7
2014/07/23	ME	MW1	09:58:10	B	19.1	315.8	0.15	27.24	28.81	58.38	3.94	2.10	7.80	5
2014/07/23	ME	MW1	09:59:00	M	10.4	295.3	0.50	29.09	19.68	86.84	5.98	1.42	7.83	4
2014/07/23	ME	MW1	10:00:00	T	1.0	113.7	0.78	29.47	17.58	93.59	6.48	1.61	7.84	7
2014/07/23	ME	THB1	11:06:54	B	3.0	80.8	0.49	28.97	21.07	64.01	4.38	6.31	7.65	15
2014/07/23	ME	THB1	11:07:31	T	1.1	355.3	1.03	30.03	18.54	107.64	7.34	2.29	7.90	4
2014/07/23	ME	THB1	11:08:15	B	3.1	263.5	0.30	29.45	19.73	90.06	6.16	4.73	7.74	15
2014/07/23	ME	THB1	11:09:03	T	1.2	349.8	0.07	30.08	18.43	108.68	7.41	2.18	7.90	4
2014/07/23	ME	THB1	11:09:50	B	3.2	127.8	1.16	29.16	20.40	73.57	5.04	5.81	7.70	15
2014/07/23	ME	THB1	11:10:33	T	1.1	249.6	0.43	30.04	18.48	108.44	7.40	2.36	7.90	4
2014/07/23	ME	THB2	11:27:30	M	1.0	40.0	0.02	30.46	18.05	89.74	6.10	10.33	7.90	4
2014/07/23	ME	THB2	11:28:09	M	1.0	40.0	0.02	30.40	18.05	89.33	6.07	9.53	7.92	4
2014/07/23	ME	THB2	11:28:32	M	1.0	40.0	0.03	30.37	18.06	89.72	6.10	10.23	7.93	4
2014/07/23	ME	WSR45C	10:39:02	B	11.9	132.0	0.25	26.99	29.15	49.41	3.34	11.30	7.77	9
2014/07/23	ME	WSR45C	10:39:49	M	6.6	4.5	1.08	29.30	17.82	85.95	5.96	3.57	7.83	4
2014/07/23	ME	WSR45C	10:40:32	T	1.1	124.6	1.20	29.51	15.45	90.93	6.37	3.90	7.87	4
2014/07/23	ME	WSR45C	10:41:38	B	12.1	35.7	0.45	26.95	29.30	48.15	3.26	10.81	7.76	9
2014/07/23	ME	WSR45C	10:42:21	M	7.1	27.0	0.30	29.13	18.22	80.81	5.61	2.70	7.82	4
2014/07/23	ME	WSR45C	10:43:06	T	0.9	329.1	0.60	29.56	15.80	91.66	6.40	2.97	7.88	4
2014/07/23	ME	WSR45C	10:44:00	B	11.7	295.3	0.24	26.95	29.26	48.44	3.28	11.57	7.76	8
2014/07/23	ME	WSR45C	10:44:50	M	7.0	279.0	0.49	29.19	18.26	83.14	5.76	3.71	7.82	4
2014/07/23	ME	WSR45C	10:45:37	T	1.1	223.3	1.07	29.63	15.28	92.61	6.48	2.87	7.88	4
2014/07/23	ME	WSR46	11:55:32	B	8.8	85.7	0.94	27.99	24.76	57.48	3.92	7.04	7.68	7
2014/07/23	ME	WSR46	11:56:27	M	5.4	86.3	1.04	28.87	22.41	66.84	4.55	3.61	7.76	8
2014/														

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)
2014/07/25	MF	DS1	18:11:29	B	2.0	263.5	0.14	29.88	18.06	101.28	6.95	10.80	7.97	12
2014/07/25	MF	DS1	18:12:07	T	1.1	203.8	0.43	29.95	17.75	101.28	6.95	7.20	7.97	10
2014/07/25	MF	DS1	18:12:42	B	2.1	266.4	0.29	29.94	17.79	101.08	6.94	7.80	7.97	12
2014/07/25	MF	DS1	18:13:23	T	1.1	280.0	0.83	29.94	17.77	101.28	6.95	7.00	7.97	10
2014/07/25	MF	DS1	18:14:02	B	1.9	199.1	0.80	29.89	18.14	101.78	6.98	8.40	7.96	12
2014/07/25	MF	DS1	18:14:44	T	1.0	155.5	0.23	29.92	17.87	101.08	6.94	7.60	7.96	11
2014/07/25	MF	DS2	18:19:21	B	2.0	88.0	0.03	29.96	18.10	110.36	7.56	20.90	8.02	18
2014/07/25	MF	DS2	18:20:06	T	0.9	345.5	1.85	29.96	18.03	107.96	7.40	11.80	8.00	11
2014/07/25	MF	DS2	18:20:45	B	2.1	217.4	0.39	29.96	18.05	108.06	7.40	17.90	8.00	18
2014/07/25	MF	DS2	18:21:25	T	1.0	272.6	0.70	29.95	17.98	107.46	7.37	12.10	8.00	12
2014/07/25	MF	DS2	18:22:06	B	2.0	346.4	0.91	29.98	18.12	109.65	7.51	20.30	8.02	18
2014/07/25	MF	DS2	18:23:11	T	1.0	239.6	1.11	29.95	18.01	108.15	7.41	14.40	8.01	11
2014/07/25	MF	DS3	18:27:41	B	2.1	194.1	0.50	30.06	18.46	117.53	8.02	28.80	8.09	32
2014/07/25	MF	DS3	18:28:31	T	1.1	240.6	0.61	29.97	18.26	114.63	7.84	19.30	8.05	18
2014/07/25	MF	DS3	18:29:09	B	1.9	226.5	0.49	30.06	18.43	119.92	8.18	35.40	8.09	31
2014/07/25	MF	DS3	18:30:12	T	1.2	220.5	0.24	29.96	18.14	112.83	7.73	16.10	8.04	18
2014/07/25	MF	DS3	18:30:57	B	2.0	341.8	0.45	30.05	18.40	118.72	8.10	29.80	8.08	32
2014/07/25	MF	DS3	18:32:31	T	0.9	200.4	0.75	29.99	18.21	114.02	7.80	20.80	8.05	18
2014/07/25	MF	DS4	18:37:00	B	4.1	231.7	0.25	30.13	19.31	118.50	8.04	22.20	8.07	15
2014/07/25	MF	DS4	18:37:59	M	3.1	200.2	0.28	30.07	18.83	121.70	8.29	23.50	8.09	19
2014/07/25	MF	DS4	18:38:38	T	1.0	166.3	0.28	30.01	18.42	122.89	8.39	11.10	8.09	12
2014/07/25	MF	DS4	18:39:20	B	4.0	283.1	0.30	30.11	19.52	119.50	8.10	23.90	8.06	14
2014/07/25	MF	DS4	18:40:02	M	2.9	224.6	0.30	30.13	19.11	119.40	8.11	24.30	8.09	19
2014/07/25	MF	DS4	18:40:41	T	1.0	301.6	0.52	30.04	18.49	123.39	8.42	12.90	8.10	11
2014/07/25	MF	DS4	18:41:07	B	4.0	170.2	0.16	30.12	19.48	119.89	8.13	20.80	8.06	15
2014/07/25	MF	DS4	18:41:34	M	3.0	86.8	0.24	30.15	19.12	118.79	8.06	23.10	8.09	20
2014/07/25	MF	DS4	18:41:59	T	1.0	261.2	0.66	30.02	18.47	122.89	8.39	15.30	8.10	13
2014/07/25	MF	DS5	18:46:20	B	4.9	230.4	0.66	29.94	20.25	105.71	7.16	14.60	7.98	15
2014/07/25	MF	DS5	18:47:04	M	3.5	334.7	0.42	30.19	19.20	117.78	7.99	16.30	8.08	13
2014/07/25	MF	DS5	18:48:03	T	1.1	43.4	1.17	30.08	18.54	124.47	8.49	15.40	8.11	16
2014/07/25	MF	DS5	18:48:43	B	5.0	350.3	0.17	29.20	22.28	82.15	5.57	16.60	7.84	15
2014/07/25	MF	DS5	18:49:10	M	3.5	348.9	0.54	30.09	19.69	102.61	6.95	14.50	8.06	12
2014/07/25	MF	DS5	18:49:39	T	1.1	248.8	1.08	30.10	18.61	120.57	8.22	15.90	8.11	16
2014/07/25	MF	DS5	18:50:23	B	4.8	252.2	0.30	29.61	21.24	90.03	6.10	17.30	7.90	15
2014/07/25	MF	DS5	18:51:07	M	3.6	155.3	0.42	30.27	19.47	118.27	8.00	13.10	8.09	13
2014/07/25	MF	DS5	18:51:33	T	1.0	298.7	0.19	30.14	18.65	122.86	8.36	15.90	8.11	17
2014/07/25	MF	US1	19:06:58	B	3.1	305.6	0.80	29.34	20.14	83.32	5.70	7.20	7.85	8
2014/07/25	MF	US1	19:07:24	T	1.1	40.3	0.47	29.64	18.56	86.81	5.96	6.00	7.89	8
2014/07/25	MF	US1	19:07:51	B	3.0	202.9	0.60	29.34	20.06	83.51	5.72	6.60	7.84	7
2014/07/25	MF	US1	19:08:18	T	0.9	199.2	0.53	29.69	18.34	89.50	6.08	7.89	7.89	8
2014/07/25	MF	US1	19:08:50	B	3.0	337.4	0.46	29.20	20.62	81.42	5.57	7.30	7.83	8
2014/07/25	MF	US1	19:09:20	T	1.0	214.6	0.96	29.36	19.77	81.81	5.61	6.90	7.84	8
2014/07/25	MF	US2	19:14:06	B	6.4	27.8	0.69	28.71	21.86	71.13	4.87	19.90	7.80	7
2014/07/25	MF	US2	19:14:52	M	4.6	227.2	0.44	29.19	19.89	76.92	5.28	5.90	7.86	21
2014/07/25	MF	US2	19:15:51	T	1.2	257.5	0.25	29.74	18.03	94.17	6.48	4.20	7.91	15
2014/07/25	MF	US2	19:16:29	B	6.9	304.2	0.46	28.64	22.16	74.82	5.12	21.50	7.79	7
2014/07/25	MF	US2	19:19:22	M	4.5	290.6	0.56	28.82	21.55	73.12	5.01	14.60	7.80	19
2014/07/25	MF	US2	19:20:16	T	1.0	193.3	0.48	29.18	20.38	80.30	5.50	9.10	7.84	16
2014/07/25	MF	US2	19:21:01	B	7.0	282.1	0.26	28.56	22.57	68.03	4.65	19.90	7.77	7
2014/07/25	MF	US2	19:21:58	M	4.6	293.9	0.82	28.72	21.90	71.02	4.86	15.90	7.79	20
2014/07/25	MF	US2	19:22:46	T	1.2	208.3	1.07	29.74	18.28	93.46	6.42	4.40	7.91	15
2014/07/25	MF	MW1	20:14:19	B	18.0	67.6	0.15	26.23	29.86	46.14	3.15	10.50	7.74	12
2014/07/25	MF	MW1	20:14:56	M	10.2	357.8	1.01	26.62	28.77	46.54	3.18	9.40	7.74	12
2014/07/25	MF	MW1	20:15:32	T	1.0	58.2	0.37	27.86	25.35	60.79	4.14	4.70	7.78	5
2014/07/25	MF	MW1	20:16:39	B	18.0	227.0	0.58	26.25	29.83	45.94	3.14	10.90	7.73	12
2014/07/25	MF	MW1	20:17:23	M	10.0	253.5	0.36	26.50	29.14	45.64	3.11	10.00	7.73	12
2014/07/25	MF	MW1	20:18:00	T	1.0	115.4	0.45	27.75	25.67	58.19	3.96	5.20	7.78	5
2014/07/25	MF	MW1	20:18:58	B	18.1	134.0	0.32	26.25	29.81	45.34	3.10	11.00	7.73	12
2014/07/25	MF	MW1	20:19:37	M	9.7	224.2	0.44	26.62	28.73	45.44	3.10	11.20	7.73	12
2014/07/25	MF	MW1	20:20:13	T	0.9	142.7	0.42	27.78	25.62	59.09	4.02	5.20	7.78	5
2014/07/25	MF	THB1	17:59:33	B	2.0	331.1	0.62	29.70	18.75	101.41	6.95	32.50	7.97	18
2014/07/25	MF	THB1	18:00:16	T	1.0	210.2	1.01	29.94	18.45	112.99	7.73	26.70	8.05	40
2014/07/25	MF	THB1	18:01:15	B	1.9	1.6	0.07	29.70	18.78	102.50	7.02	32.60	7.96	18
2014/07/25	MF	THB1	18:02:25	T	0.9	268.3	0.61	30.01	18.32	118.28	8.08	16.30	8.10	40
2014/07/25	MF	THB1	18:03:40	B	2.0	65.2	0.01	29.92	18.47	107.29	7.34	28.00	8.06	18
2014/07/25	MF	THB1	18:04:40	T	1.1	149.6	0.54	29.96	18.42	117.88	8.06	18.50	8.07	42
2014/07/25	MF	THB2	18:16:09	M	0.9	40.0	0.05	30.17	17.50	128.11	8.77	10.73	8.08	12
2014/07/25	MF	THB2	18:16:30	M	0.9	40.0	0.06	30.15	17.52	128.19	8.78	10.73	8.07	12
2014/07/25	MF	THB2	18:16:58	M	0.9	40.0	0.05	30.13	17.51	127.86	8.76	10.63	8.07	11
2014/07/25	MF	WSR45C	19:34:00	B	12.0	9.6	1.25	27.21	27.16	56.05	3.82	21.30	7.73	21
2014/07/25	MF	WSR45C	19:34:44	M	7.0	3.1	0.37	27.66	25.56	56.15	3.83	11.80	7.75	12
2014/07/25	MF	WSR45C	19:35:24	T	1.1	10.3	0.80	29.22	20.15	79.68	5.46	5.50	7.85	7
2014/07/25	MF	WSR45C	19:37:19	B	12.1	246.7	0.35	27.06	27.48	53.45	3.65	17.90	7.73	22
2014/07/25	MF	WSR45C	19:37:47	M	6.9	292.5	0.49	27.48	26.09	52.45	3.58	16.60	7.75	12
2014/07/25	MF	WSR45C	19:38:16	T	1.1	310.3	0.82	29.46	19.22	75.39	5.17	7.60	7.87	7
2014/07/25	MF	WSR45C	19:39:08	B	12.2	257.7	0.44	27.05	27.54	50.46	3.44	19.10	7.72	22
2014/07/25	MF	WSR45C	19:39:36	M	6.9	283.2	0.33	27.49	26.11	51.55	3.52	15.90	7.74	12
2014/07/25	MF	WSR45C	19:40:05	T	0.9	342.6	1.23	29.48	18.76	72.09	4.96	8.60	7.87	7
2014/07/25	MF	WSR46	17:29:58	B	7.9	288.8	0.45	28.89	21.73	78.37	5.35	31.20	7.81	16
2014/07/25	MF	WSR46	17:30:30	M	5.1	307.5	0.23	30.01	18.48	105.36	7.19	10.80	8.03	7
2014/07/25	MF	WSR46	17:31:12	T	1.1	253.5	0.42	30.07	17.59	101.96	6.99	7.00	7.96	7
2014/07/25	MF	WSR46	17:32:18	B	8.1	275.5	0.59	28.98	21.25	73.77	5.05	27.00	7.82	17
2014/07/25	MF	WSR46	17:32:50	M	5.1	306.4	1.25	30.02	18.68	91.76	6.26	14.70	8.04	6
2014/07/25	MF	WSR46	17:33:38	T	1.2	243.8	0.94	30.18	17.88	109.05	7.45	7.60	8.01	7
2014/07/25	MF	WSR46	17:34:35	B	7.9	292.7	0.84	29.00	21.16	75.37	5.16	26.20	7.81</	

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)
2014/07/25	ME	DS1	12:50:00	B	3.0	134.4	0.60	29.26	19.65	88.29	6.07	7.30	7.82	9
2014/07/25	ME	DS1	12:50:29	T	1.0	186.9	0.39	29.73	18.74	98.14	6.72	8.00	7.96	11
2014/07/25	ME	DS1	12:50:53	B	3.0	188.4	1.18	29.24	19.75	88.29	6.06	6.80	7.82	9
2014/07/25	ME	DS1	12:51:21	T	1.0	295.6	0.75	29.75	18.77	101.13	6.92	8.00	7.95	11
2014/07/25	ME	DS1	12:51:51	B	2.9	77.7	0.07	29.22	19.79	84.70	5.82	6.80	7.81	9
2014/07/25	ME	DS1	12:52:16	T	1.1	116.1	0.71	29.72	18.81	94.95	6.50	7.60	7.95	11
2014/07/25	ME	DS2	12:56:04	B	10.2	342.9	0.94	27.15	27.86	54.14	3.68	14.70	7.69	17
2014/07/25	ME	DS2	12:56:32	M	6.1	292.1	0.22	28.64	21.91	61.50	4.22	9.70	7.75	12
2014/07/25	ME	DS2	12:57:01	T	1.1	270.9	0.27	29.77	18.32	91.55	6.28	6.40	7.96	9
2014/07/25	ME	DS2	12:57:44	B	10.0	309.3	0.74	27.67	26.00	58.12	3.96	12.40	7.70	18
2014/07/25	ME	DS2	12:58:10	M	6.1	153.2	0.37	28.74	21.29	61.60	4.23	9.00	7.77	12
2014/07/25	ME	DS2	12:58:43	T	1.1	234.4	0.42	30.01	18.09	103.49	7.08	5.60	8.03	9
2014/07/25	ME	DS2	12:59:22	B	10.0	229.3	0.87	27.51	26.28	59.60	4.06	12.60	7.70	17
2014/07/25	ME	DS2	12:59:55	M	6.0	129.9	0.17	28.62	21.64	60.70	4.17	9.90	7.76	11
2014/07/25	ME	DS2	13:00:22	T	1.0	186.6	0.16	30.08	18.03	101.10	6.91	5.60	8.03	8
2014/07/25	ME	DS3	13:05:13	B	7.1	168.6	0.16	29.00	20.54	82.87	5.69	5.30	7.81	7
2014/07/25	ME	DS3	13:05:44	M	4.4	167.6	0.89	29.70	18.21	95.80	6.59	4.60	7.92	8
2014/07/25	ME	DS3	13:06:09	T	1.2	265.0	0.56	29.81	18.05	103.26	7.09	4.10	7.96	7
2014/07/25	ME	DS3	13:06:40	B	7.0	240.0	0.40	29.02	20.49	86.95	5.97	5.10	7.81	7
2014/07/25	ME	DS3	13:07:07	M	4.5	42.7	0.12	29.64	18.39	91.72	6.30	4.50	7.91	8
2014/07/25	ME	DS3	13:07:31	T	1.0	279.9	0.52	29.82	18.04	102.76	7.06	4.10	7.96	7
2014/07/25	ME	DS3	13:08:04	B	6.9	3.5	0.36	29.41	19.14	93.01	6.39	4.00	7.85	7
2014/07/25	ME	DS3	13:08:30	M	4.5	127.2	0.15	29.57	18.59	92.31	6.35	3.80	7.88	8
2014/07/25	ME	DS3	13:09:02	T	1.0	29.5	0.63	29.82	18.05	103.35	7.10	3.90	7.95	7
2014/07/25	ME	DS4	13:14:29	B	7.8	0.4	1.05	29.13	20.05	85.43	5.87	4.50	7.82	6
2014/07/25	ME	DS4	13:14:55	M	5.0	316.0	0.27	29.27	19.42	86.13	5.92	4.60	7.84	5
2014/07/25	ME	DS4	13:15:23	T	1.1	107.7	0.59	30.01	17.62	101.74	6.98	3.90	7.96	7
2014/07/25	ME	DS4	13:16:01	B	8.0	43.6	0.49	28.87	21.16	82.35	5.65	6.90	7.79	6
2014/07/25	ME	DS4	13:16:29	M	4.9	100.0	0.56	29.29	19.30	85.13	5.86	5.00	7.85	5
2014/07/25	ME	DS4	13:16:55	T	0.9	108.9	1.89	30.00	17.57	90.00	6.18	4.40	7.96	8
2014/07/25	ME	DS4	13:17:34	B	8.0	24.7	0.18	29.00	20.53	84.53	5.80	6.90	7.80	6
2014/07/25	ME	DS4	13:18:07	M	5.0	239.5	0.44	29.33	19.21	87.81	6.04	4.50	7.85	5
2014/07/25	ME	DS4	13:18:35	T	1.0	127.5	1.10	29.96	17.66	102.03	7.00	4.20	7.97	7
2014/07/25	ME	DS5	13:22:51	B	9.0	90.5	0.12	28.65	21.96	76.46	5.24	9.00	7.76	10
2014/07/25	ME	DS5	13:23:19	M	5.5	162.5	0.33	29.00	20.49	78.45	5.39	5.50	7.81	8
2014/07/25	ME	DS5	13:23:56	T	1.1	107.6	1.05	29.94	17.48	100.52	6.91	4.40	7.94	6
2014/07/25	ME	DS5	13:24:33	B	9.0	62.0	0.09	28.82	21.29	79.24	5.43	6.70	7.78	10
2014/07/25	ME	DS5	13:25:02	M	5.5	67.9	0.41	29.06	20.24	79.73	5.48	5.20	7.81	7
2014/07/25	ME	DS5	13:25:33	T	1.1	112.6	0.59	29.94	17.43	97.13	6.68	4.40	7.93	7
2014/07/25	ME	DS5	13:26:11	B	9.0	111.0	0.25	28.81	21.40	79.23	5.43	6.90	7.78	10
2014/07/25	ME	DS5	13:26:40	M	5.7	274.8	0.12	29.06	20.25	79.53	5.46	5.70	7.82	8
2014/07/25	ME	DS5	13:27:09	T	1.0	80.5	0.17	29.92	17.41	96.63	6.65	4.80	7.93	6
2014/07/25	ME	US1	12:41:18	B	3.2	5.6	0.54	29.35	20.38	90.51	6.18	11.20	7.84	16
2014/07/25	ME	US1	12:42:49	T	0.9	32.4	0.39	29.83	18.88	105.04	7.18	10.90	7.98	20
2014/07/25	ME	US1	12:43:13	B	3.0	32.3	0.15	29.46	20.14	95.68	6.53	14.60	7.89	15
2014/07/25	ME	US1	12:43:39	T	0.9	69.9	0.47	29.86	18.61	105.04	7.19	10.50	8.02	20
2014/07/25	ME	US1	12:44:06	B	3.0	65.7	0.88	29.35	20.41	91.59	6.26	14.60	7.85	16
2014/07/25	ME	US1	12:44:28	T	1.0	182.7	0.23	29.83	19.06	96.57	6.59	13.80	7.95	20
2014/07/25	ME	US2	12:33:40	B	2.8	52.7	0.82	29.83	19.31	105.67	7.20	11.60	7.92	11
2014/07/25	ME	US2	12:34:32	T	1.0	60.6	0.60	29.84	18.26	114.43	7.85	8.10	8.04	11
2014/07/25	ME	US2	12:34:58	B	3.1	82.5	0.57	29.01	21.69	88.73	6.05	15.70	7.78	11
2014/07/25	ME	US2	12:35:29	T	1.0	119.7	1.01	29.92	18.22	105.46	7.23	9.10	8.04	11
2014/07/25	ME	US2	12:35:59	B	3.0	210.8	0.78	29.25	20.72	87.93	6.01	12.30	7.82	12
2014/07/25	ME	US2	12:36:28	T	1.0	111.1	0.53	29.87	18.23	108.05	7.41	8.70	8.04	11
2014/07/25	ME	MW1	10:45:54	B	18.0	252.7	0.31	26.81	28.74	51.78	3.52	4.90	7.74	7
2014/07/25	ME	MW1	10:46:50	M	10.1	251.5	0.68	28.08	23.90	66.87	4.58	3.00	7.81	5
2014/07/25	ME	MW1	10:47:44	T	1.2	167.8	0.52	29.01	20.97	87.46	5.99	1.80	7.88	4
2014/07/25	ME	MW1	10:48:55	B	17.8	54.6	0.99	26.86	28.52	50.78	3.46	3.20	7.74	7
2014/07/25	ME	MW1	10:49:41	M	9.9	109.8	0.35	28.22	23.46	68.67	4.70	2.90	7.83	6
2014/07/25	ME	MW1	10:50:31	T	1.2	41.8	0.34	29.25	20.03	90.95	6.24	1.90	7.91	4
2014/07/25	ME	MW1	10:51:38	B	17.9	234.7	0.28	26.67	29.14	52.17	3.55	4.60	7.74	7
2014/07/25	ME	MW1	10:52:20	M	10.0	130.9	0.46	28.23	23.26	64.46	4.42	3.00	7.84	5
2014/07/25	ME	MW1	10:53:09	T	1.2	96.2	0.82	29.29	20.25	89.54	6.13	1.80	7.91	4
2014/07/25	ME	THB1	12:23:25	B	3.0	177.4	0.98	29.84	18.34	108.80	7.46	6.30	8.00	8
2014/07/25	ME	THB1	12:23:51	T	1.1	56.0	0.41	29.95	17.82	112.78	7.74	4.90	8.02	6
2014/07/25	ME	THB1	12:24:17	B	3.1	263.8	0.28	29.87	18.83	107.80	7.36	7.20	7.96	8
2014/07/25	ME	THB1	12:24:47	T	1.1	17.1	0.49	29.95	17.81	113.37	7.78	5.10	8.05	6
2014/07/25	ME	THB1	12:26:14	B	2.9	177.7	0.61	29.79	19.35	106.99	7.30	8.20	7.96	8
2014/07/25	ME	THB1	12:26:43	T	1.0	139.0	0.89	29.98	17.74	114.56	7.86	5.30	8.05	6
2014/07/25	ME	WSR45C	11:53:05	B	12.0	25.4	0.58	28.46	22.63	69.02	4.73	8.40	7.81	9
2014/07/25	ME	WSR45C	11:54:15	M	7.0	71.4	0.28	28.91	20.68	76.69	5.27	4.50	7.84	5
2014/07/25	ME	WSR45C	11:55:00	T	1.2	23.9	0.73	29.78	17.08	96.93	6.70	3.20	7.93	6
2014/07/25	ME	WSR45C	11:56:25	B	12.1	73.5	0.64	28.61	21.93	71.00	4.87	6.90	7.81	10
2014/07/25	ME	WSR45C	11:57:29	M	6.8	125.3	0.71	29.16	19.57	79.67	5.49	4.10	7.85	5
2014/07/25	ME	WSR45C	11:58:03	T	1.4	66.4	1.10	29.63	17.61	91.74	6.33	3.20	7.91	6
2014/07/25	ME	WSR45C	11:58:59	B	12.0	154.2	0.17	28.80	21.25	75.48	5.18	5.20	7.82	10
2014/07/25	ME	WSR45C	11:59:54	M	7.3	99.7	0.74	29.01	20.29	78.87	5.42	4.00	7.83	5
2014/07/25	ME	WSR45C	12:00:48	T	1.3	58.7	1.02	29.69	17.55	93.72	6.47	3.40	7.91	6
2014/07/25	ME	WSR46	13:49:35	B	8.0	156.5	0.20	29.35	21.35	78.67	5.35	9.30	7.81	11
2014/07/25	ME	WSR46	13:50:04	M	4.6	353.0	1.36	29.48	17.96	74.40	5.14	8.80	7.81	11
2014/07/25	ME	WSR46	13:50:32	T	1.2	59.1	1.00	30.19	16.04	92.78	6.40	3.80	7.88	4
2014/07/25	ME	WSR46	13:51:08	B	8.1	138.6	0.48	29.25	21.41	75.79	5.16	11.10	7.79	10
2014/07/25	ME	WSR46	13:51:34	M	5.0	90.5	1.58	29.57	17.90	76.19	5.26	7.90	7.80	11
2014/07/25	ME	WSR46	13:52:03	T	1.1	99.3	1.04	30.32	16.05	93.17	6.41	3.70	7.87	4
2014/07/25	ME	WSR46	13:52:36	B	8.0	84.4	0.60	29.22	21.60	76.58	5.21	10.50	7.79	11
2014/07/25	ME	WSR46	13:53:05	M	5.0	109.7	0.74	29.58	18.10	77.57	5.35			

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)
2014/07/28	MF	DS1	07:58:55	B	3.0	249.1	0.50	28.64	21.89	63.71	4.37	7.81	7.72	11
2014/07/28	MF	DS1	07:59:45	T	1.1	240.3	0.27	28.81	20.76	66.77	4.59	5.66	7.72	13
2014/07/28	MF	DS1	08:02:06	B	3.1	310.1	0.48	28.59	22.44	60.64	4.15	7.06	7.70	11
2014/07/28	MF	DS1	08:02:53	T	1.1	298.0	0.40	28.83	20.87	66.67	4.58	4.88	7.71	13
2014/07/28	MF	DS1	08:03:26	B	2.9	131.2	0.74	28.60	22.35	60.88	4.17	7.83	7.70	11
2014/07/28	MF	DS1	08:04:02	T	1.0	344.8	0.34	28.83	20.93	66.65	4.58	4.28	7.71	14
2014/07/28	MF	DS2	08:09:06	B	3.0	162.4	0.83	28.84	20.74	70.90	4.87	4.02	7.71	6
2014/07/28	MF	DS2	08:09:36	T	1.2	267.2	0.24	28.96	19.86	72.90	5.03	3.20	7.72	4
2014/07/28	MF	DS2	08:10:21	B	3.1	121.5	0.16	28.89	20.47	70.75	4.87	5.81	7.72	6
2014/07/28	MF	DS2	08:11:09	T	0.9	256.6	1.55	29.00	19.38	74.72	5.16	3.01	7.73	4
2014/07/28	MF	DS2	08:11:56	B	3.1	321.2	0.35	28.82	20.97	68.25	4.69	5.31	7.71	6
2014/07/28	MF	DS2	08:12:30	T	1.1	103.1	0.45	28.99	19.39	74.51	5.15	3.02	7.73	4
2014/07/28	MF	DS3	08:18:52	B	3.1	289.2	0.18	28.91	21.00	73.77	5.06	3.78	7.75	6
2014/07/28	MF	DS3	08:19:22	T	1.1	312.8	0.17	28.99	19.87	73.76	5.08	3.21	7.73	4
2014/07/28	MF	DS3	08:20:00	B	3.0	265.8	0.55	28.90	20.90	71.49	4.91	3.80	7.73	6
2014/07/28	MF	DS3	08:20:52	T	1.0	230.9	0.48	28.97	19.98	74.33	5.12	3.08	7.74	4
2014/07/28	MF	DS3	08:21:38	B	2.9	216.2	0.96	28.89	20.92	71.43	4.90	3.75	7.73	6
2014/07/28	MF	DS3	08:22:06	T	1.1	155.3	0.34	28.95	20.06	72.78	5.01	3.13	7.73	4
2014/07/28	MF	DS4	08:26:27	B	5.1	300.2	0.43	29.00	22.24	67.70	4.60	6.39	7.73	10
2014/07/28	MF	DS4	08:27:31	M	3.6	325.8	0.44	28.97	21.37	73.92	5.05	3.84	7.75	7
2014/07/28	MF	DS4	08:28:11	T	1.0	6.6	0.34	28.96	19.88	73.62	5.08	3.13	7.73	4
2014/07/28	MF	DS4	08:28:56	B	4.9	193.9	0.72	29.00	21.96	66.88	4.56	6.06	7.73	10
2014/07/28	MF	DS4	08:29:39	M	3.6	352.1	0.48	28.91	21.12	72.30	4.96	3.78	7.74	7
2014/07/28	MF	DS4	08:30:12	T	1.0	265.0	0.56	28.98	19.90	73.16	5.04	3.15	7.73	4
2014/07/28	MF	DS4	08:31:01	B	4.9	280.1	0.41	28.98	21.40	69.40	4.74	4.98	7.73	11
2014/07/28	MF	DS4	08:31:55	M	3.6	239.7	0.45	29.05	21.67	69.25	4.72	4.90	7.74	7
2014/07/28	MF	DS4	08:33:34	T	1.0	251.0	0.50	28.99	19.86	73.46	5.06	3.21	7.73	4
2014/07/28	MF	DS5	08:38:49	B	6.0	51.4	0.76	28.70	22.70	64.64	4.41	15.26	7.71	15
2014/07/28	MF	DS5	08:39:33	M	4.0	346.1	0.75	28.97	21.36	72.11	4.93	4.51	7.74	8
2014/07/28	MF	DS5	08:40:17	T	0.8	269.0	0.40	29.03	19.64	74.89	5.16	2.99	7.72	5
2014/07/28	MF	DS5	08:41:02	B	6.0	55.7	0.50	28.80	22.08	67.08	4.58	12.62	7.72	14
2014/07/28	MF	DS5	08:41:47	M	4.0	122.6	0.16	28.92	21.66	70.34	4.81	5.53	7.73	8
2014/07/28	MF	DS5	08:42:32	T	0.9	280.3	0.59	28.99	19.82	72.72	5.01	3.57	7.71	5
2014/07/28	MF	DS5	08:44:08	B	6.7	91.0	0.17	28.53	23.61	59.49	4.05	7.79	7.71	15
2014/07/28	MF	DS5	08:44:54	M	3.8	350.7	0.14	28.90	21.00	72.50	4.97	3.90	7.73	8
2014/07/28	MF	DS5	08:45:35	T	0.9	331.9	0.41	28.97	19.86	73.12	5.04	3.09	7.72	5
2014/07/28	MF	US1	08:59:19	B	4.1	37.1	0.53	28.28	23.12	63.22	4.33	3.79	7.71	6
2014/07/28	MF	US1	08:59:52	M	3.2	355.1	0.27	28.33	22.83	63.69	4.37	4.01	7.71	6
2014/07/28	MF	US1	09:00:16	T	1.1	225.7	0.06	28.68	21.36	66.63	4.58	3.27	7.71	8
2014/07/28	MF	US1	09:00:45	B	3.9	157.0	0.09	28.27	23.18	63.02	4.32	4.27	7.71	5
2014/07/28	MF	US1	09:01:11	M	3.0	85.3	0.32	28.47	22.21	64.82	4.45	3.42	7.71	6
2014/07/28	MF	US1	09:01:35	T	1.0	84.1	0.74	28.72	21.27	67.60	4.64	2.84	7.71	8
2014/07/28	MF	US1	09:02:13	B	4.1	197.2	0.30	28.11	23.86	60.62	4.15	4.42	7.71	5
2014/07/28	MF	US1	09:02:37	M	3.1	59.6	0.07	28.43	22.42	64.15	4.40	3.71	7.71	6
2014/07/28	MF	US1	09:03:02	T	0.8	122.8	0.71	28.78	21.04	68.19	4.69	3.09	7.71	7
2014/07/28	MF	US2	09:06:46	B	9.0	136.2	1.14	27.60	25.82	55.22	3.77	7.20	7.71	8
2014/07/28	MF	US2	09:07:17	M	5.4	61.8	0.64	27.74	25.20	57.71	3.94	3.31	7.72	6
2014/07/28	MF	US2	09:07:50	T	1.0	241.5	1.15	28.22	23.29	63.99	4.38	2.50	7.72	3
2014/07/28	MF	US2	09:09:34	B	9.0	293.7	0.26	27.60	25.93	53.13	3.62	9.97	7.71	9
2014/07/28	MF	US2	09:10:07	M	5.5	296.7	0.32	27.77	25.16	56.84	3.88	3.93	7.72	6
2014/07/28	MF	US2	09:10:41	T	1.1	82.9	0.19	28.43	22.45	65.43	4.49	2.46	7.72	3
2014/07/28	MF	US2	09:11:29	B	8.9	184.6	0.34	27.63	25.81	53.28	3.63	9.06	7.71	9
2014/07/28	MF	US2	09:12:01	M	5.7	346.8	0.79	27.79	25.14	56.32	3.85	4.53	7.71	6
2014/07/28	MF	US2	09:12:31	T	1.1	311.8	0.50	28.28	22.96	63.65	4.36	2.65	7.72	3
2014/07/28	MF	MW1	06:04:19	B	19.2	146.0	0.31	26.18	30.18	44.31	3.02	5.79	7.69	11
2014/07/28	MF	MW1	06:05:18	M	10.7	117.8	0.85	27.09	27.48	52.26	3.56	2.75	7.73	10
2014/07/28	MF	MW1	06:06:00	T	1.1	288.3	0.61	28.67	21.36	68.92	4.74	2.61	7.74	3
2014/07/28	MF	MW1	06:07:06	B	18.7	189.9	0.14	26.10	30.31	43.69	2.98	8.26	7.75	11
2014/07/28	MF	MW1	06:08:35	M	10.6	196.4	0.04	27.13	27.39	52.88	3.61	2.75	7.76	10
2014/07/28	MF	MW1	06:09:21	T	1.1	181.1	0.31	28.67	21.41	69.06	4.74	2.62	7.76	3
2014/07/28	MF	MW1	06:10:24	B	18.8	204.0	0.46	25.92	30.78	42.66	2.91	11.26	7.77	11
2014/07/28	MF	MW1	06:11:18	M	10.8	8.2	0.29	27.32	26.65	54.18	3.70	2.62	7.77	10
2014/07/28	MF	MW1	06:11:59	T	1.2	151.0	0.46	28.56	21.75	68.94	4.74	2.64	7.77	3
2014/07/28	MF	THB1	07:13:58	B	3.2	157.3	1.09	28.84	20.06	70.14	4.84	4.49	7.73	7
2014/07/28	MF	THB1	07:15:00	T	1.0	269.5	0.84	28.93	19.63	70.75	4.89	4.00	7.73	5
2014/07/28	MF	THB1	07:15:56	B	2.9	259.1	0.37	28.80	20.46	67.00	4.62	5.54	7.72	7
2014/07/28	MF	THB1	07:16:54	T	0.8	246.4	0.79	28.93	19.63	70.39	4.86	3.71	7.72	5
2014/07/28	MF	THB1	07:17:35	B	3.1	196.6	0.43	28.84	20.10	68.88	4.75	4.42	7.72	7
2014/07/28	MF	THB1	07:18:06	T	1.1	37.8	0.27	28.91	19.72	69.95	4.83	3.91	7.72	6
2014/07/28	MF	THB2	07:29:48	M	1.5	40.0	0.01	28.72	20.99	64.32	4.42	4.64	7.72	4
2014/07/28	MF	THB2	07:30:10	M	1.5	40.0	0.01	28.75	21.01	63.81	4.39	4.64	7.71	4
2014/07/28	MF	THB2	07:30:33	M	1.5	40.0	0.02	28.75	21.01	62.31	4.28	4.64	7.70	4
2014/07/28	MF	WSR45C	06:41:19	B	11.7	125.0	0.52	27.20	27.19	48.63	3.32	8.84	7.75	12
2014/07/28	MF	WSR45C	06:41:56	M	6.9	331.1	0.19	27.73	25.44	55.48	3.79	5.13	7.76	8
2014/07/28	MF	WSR45C	06:42:31	T	1.2	232.1	0.42	28.84	19.99	66.36	4.58	3.53	7.75	4
2014/07/28	MF	WSR45C	06:43:18	B	12.0	41.1	0.44	27.19	27.23	49.59	3.38	9.70	7.75	12
2014/07/28	MF	WSR45C	06:43:47	M	6.8	213.2	1.14	27.50	26.21	51.25	3.50	6.64	7.75	8
2014/07/28	MF	WSR45C	06:44:19	T	1.2	201.8	0.42	28.71	21.02	64.57	4.44	3.60	7.75	4
2014/07/28	MF	WSR45C	06:45:05	B	12.3	254.8	0.71	27.15	27.33	48.71	3.32	11.05	7.75	13
2014/07/28	MF	WSR45C	06:45:38	M	6.9	30.5	0.59	27.63	25.80	54.23	3.70	5.59	7.75	8
2014/07/28	MF	WSR45C	06:46:12	T	1.2	310.4	0.50	28.80	20.35	66.05	4.55	3.59	7.75	4
2014/07/28	MF	WSR46	09:24:36	B	10.0	263.7	0.27	26.91	28.05	51.51	3.51	14.12	7.71	17
2014/07/28	MF	WSR46	09:25:05	M	5.9	253.8	0.62	27.55	25.81	56.93	3.89	3.55	7.72	6
2014/07/28	MF	WSR46	09:25:38	T	1.2	73.8	0.28	28.76	21.24	67.13	4.61	4.90	7.70	6
2014/07/28	MF	WSR46	09:26:17	B	10.0	238.2	0.31	26.88	28.09	50.95	3.48	13.39	7.72	17
2014/07/28	MF	WSR46	09:26:50	M	6.0	298.5	0.61	27.40	26.27	54.83	3.75	4.94	7.72	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)
2014/07/28	ME	DS1	13:28:28	B	2.0	36.9	0.78	29.06	21.64	72.93	4.97	4.88	7.79	6
2014/07/28	ME	DS1	13:29:04	T	1.0	60.6	1.27	29.22	21.34	77.03	5.25	4.43	7.80	7
2014/07/28	ME	DS1	13:29:50	B	1.6	84.0	0.92	29.07	21.64	72.94	4.97	4.89	7.79	6
2014/07/28	ME	DS1	13:30:55	T	0.9	13.3	0.52	29.22	21.43	78.74	5.36	4.72	7.80	8
2014/07/28	ME	DS1	13:31:42	B	2.1	41.8	1.14	29.07	21.65	73.23	4.99	4.69	7.79	6
2014/07/28	ME	DS1	13:32:19	T	1.1	339.9	0.37	29.67	20.95	81.86	5.55	3.67	7.81	7
2014/07/28	ME	DS2	13:39:05	B	5.1	120.4	0.09	28.54	22.83	64.33	4.39	4.31	7.74	9
2014/07/28	ME	DS2	13:39:48	M	3.5	26.2	0.56	28.82	21.95	65.82	4.50	5.21	7.74	10
2014/07/28	ME	DS2	13:40:32	T	1.0	213.9	0.94	29.43	21.14	78.13	5.31	3.75	7.79	7
2014/07/28	ME	DS2	13:41:21	B	5.1	230.1	1.11	28.51	22.94	63.82	4.36	4.39	7.75	9
2014/07/28	ME	DS2	13:42:07	M	3.5	342.5	0.60	28.64	22.47	63.42	4.33	4.30	7.74	10
2014/07/28	ME	DS2	13:42:39	T	1.1	266.5	0.12	29.31	21.45	73.91	5.04	4.25	7.77	7
2014/07/28	ME	DS2	13:43:13	B	5.0	60.0	0.76	28.58	22.68	63.61	4.35	4.22	7.74	10
2014/07/28	ME	DS2	13:43:41	M	3.6	279.4	0.58	28.78	22.01	64.69	4.42	4.84	7.74	10
2014/07/28	ME	DS2	13:44:14	T	1.1	99.9	1.13	29.35	21.09	80.07	5.45	3.75	7.81	7
2014/07/28	ME	DS3	13:49:28	B	6.9	8.0	0.17	28.64	22.93	66.20	4.51	4.40	7.75	7
2014/07/28	ME	DS3	13:50:14	M	4.3	178.5	0.51	28.94	22.03	68.59	4.68	4.12	7.75	6
2014/07/28	ME	DS3	13:50:48	T	1.1	85.8	0.86	29.61	20.93	82.80	5.61	3.54	7.81	8
2014/07/28	ME	DS3	13:51:27	B	6.9	194.5	0.29	28.30	23.97	62.32	4.25	4.29	7.74	7
2014/07/28	ME	DS3	13:52:00	M	4.5	352.4	0.65	28.86	22.28	67.32	4.59	3.88	7.74	6
2014/07/28	ME	DS3	13:52:45	T	1.1	353.8	0.25	29.90	20.89	84.31	5.69	3.42	7.82	7
2014/07/28	ME	DS3	13:53:25	B	7.1	301.2	0.28	28.29	23.96	62.08	4.23	4.24	7.74	7
2014/07/28	ME	DS3	13:53:59	M	4.4	221.7	0.39	28.80	22.40	66.60	4.54	4.00	7.74	6
2014/07/28	ME	DS3	13:54:59	T	1.1	169.9	0.25	28.72	21.00	83.63	5.67	3.51	7.81	8
2014/07/28	ME	DS4	14:00:39	B	9.2	20.7	0.20	27.71	25.62	56.44	3.85	5.56	7.73	9
2014/07/28	ME	DS4	14:01:27	M	5.4	69.5	0.84	28.57	23.07	64.02	4.37	4.67	7.74	9
2014/07/28	ME	DS4	14:02:16	T	0.9	42.4	1.22	29.84	20.66	79.25	5.36	3.51	7.78	8
2014/07/28	ME	DS4	14:03:03	B	8.9	136.3	0.10	27.80	25.40	56.60	3.86	4.78	7.74	9
2014/07/28	ME	DS4	14:03:41	M	5.3	100.7	0.26	28.70	22.76	65.52	4.47	4.50	7.75	9
2014/07/28	ME	DS4	14:04:29	T	1.0	71.9	0.85	29.99	20.60	81.94	5.53	3.13	7.79	8
2014/07/28	ME	DS4	14:05:14	B	9.1	60.0	1.39	27.80	25.43	56.54	3.85	5.17	7.74	8
2014/07/28	ME	DS4	14:05:54	M	5.5	104.2	0.42	28.74	22.65	66.00	4.50	4.35	7.75	9
2014/07/28	ME	DS4	14:06:36	T	1.0	50.8	0.59	29.97	20.54	81.85	5.53	2.99	7.79	8
2014/07/28	ME	DS5	14:18:52	B	10.9	83.7	0.44	27.49	26.20	53.11	3.62	13.55	7.72	16
2014/07/28	ME	DS5	14:19:40	M	6.3	93.6	0.58	28.95	22.11	67.88	4.62	4.35	7.74	5
2014/07/28	ME	DS5	14:20:27	T	0.9	78.0	0.62	29.75	20.11	78.00	5.30	3.65	7.76	7
2014/07/28	ME	DS5	14:21:17	B	11.0	94.5	0.95	27.72	25.59	55.89	3.81	5.53	7.73	16
2014/07/28	ME	DS5	14:22:02	M	6.7	54.6	0.39	28.80	22.54	66.16	4.51	4.78	7.74	5
2014/07/28	ME	DS5	14:22:48	T	1.2	333.2	0.85	29.69	20.26	77.46	5.27	3.74	7.76	7
2014/07/28	ME	DS5	14:23:42	B	11.3	114.7	0.68	27.65	25.80	54.86	3.74	6.27	7.73	16
2014/07/28	ME	DS5	14:24:28	M	6.5	32.2	0.30	28.89	22.27	67.58	4.60	4.44	7.74	6
2014/07/28	ME	DS5	14:25:10	T	1.2	136.8	0.86	29.74	20.05	77.75	5.29	3.69	7.76	7
2014/07/28	ME	US1	13:16:42	B	2.8	90.7	0.44	28.65	23.07	61.46	4.19	9.59	7.74	8
2014/07/28	ME	US1	13:17:44	T	0.9	329.7	0.48	29.33	20.76	83.27	5.68	3.13	7.84	11
2014/07/28	ME	US1	13:18:21	B	2.9	60.1	0.44	28.46	23.49	58.94	4.02	8.70	7.73	8
2014/07/28	ME	US1	13:19:03	T	1.0	31.1	0.71	29.20	21.26	80.73	5.50	3.96	7.82	11
2014/07/28	ME	US1	13:20:05	B	2.8	312.9	0.62	28.53	23.34	59.19	4.03	8.58	7.73	8
2014/07/28	ME	US1	13:21:14	T	0.8	343.1	0.92	29.11	21.70	74.41	5.07	6.15	7.79	11
2014/07/28	ME	US2	13:06:31	B	3.0	151.7	0.46	29.05	22.40	71.65	4.86	12.44	7.78	13
2014/07/28	ME	US2	13:07:04	T	1.1	330.5	0.35	29.39	21.17	81.10	5.51	5.91	7.82	8
2014/07/28	ME	US2	13:07:47	B	2.9	185.4	0.58	28.95	21.13	73.42	5.03	14.16	7.77	13
2014/07/28	ME	US2	13:08:30	T	1.0	41.8	0.76	29.31	20.60	83.52	5.70	2.93	7.83	8
2014/07/28	ME	US2	13:09:18	B	2.9	40.7	0.27	29.03	22.45	69.70	4.73	12.98	7.78	13
2014/07/28	ME	US2	13:10:02	T	0.9	352.3	0.37	29.40	20.61	83.74	5.71	2.92	7.83	8
2014/07/28	ME	MW1	15:03:35	B	18.9	10.6	0.34	28.29	24.26	62.96	4.28	3.31	7.71	7
2014/07/28	ME	MW1	15:04:20	M	10.3	48.2	0.71	28.93	22.63	68.64	4.66	4.59	7.72	9
2014/07/28	ME	MW1	15:05:07	T	1.1	43.6	1.01	28.98	22.52	69.69	4.73	3.05	7.72	6
2014/07/28	ME	MW1	15:06:23	B	18.7	88.6	0.67	28.70	23.18	65.80	4.47	2.71	7.71	7
2014/07/28	ME	MW1	15:07:14	M	10.7	297.0	0.29	29.11	22.28	70.22	4.77	3.01	7.72	9
2014/07/28	ME	MW1	15:08:10	T	0.9	93.8	0.59	29.27	21.95	72.92	4.94	2.80	7.73	7
2014/07/28	ME	MW1	15:15:21	B	18.9	72.1	0.14	29.07	24.90	59.66	4.07	3.60	7.71	7
2014/07/28	ME	MW1	15:16:09	M	10.6	65.9	0.10	28.81	22.83	67.28	4.58	2.59	7.72	8
2014/07/28	ME	MW1	15:16:59	T	1.0	160.7	0.23	29.29	21.84	72.46	4.91	2.23	7.72	6
2014/07/28	ME	THB1	12:57:11	B	3.1	270.2	1.38	29.13	21.58	77.16	5.26	6.39	7.82	6
2014/07/28	ME	THB1	12:57:45	T	0.9	107.2	0.42	29.31	20.98	82.62	5.63	3.31	7.84	6
2014/07/28	ME	THB1	12:58:13	B	2.8	209.8	0.36	29.24	21.27	79.56	5.42	8.21	7.83	6
2014/07/28	ME	THB1	12:59:14	T	1.0	7.0	0.65	29.44	20.84	80.81	5.50	3.68	7.81	6
2014/07/28	ME	THB1	13:00:05	B	3.1	316.7	0.73	29.09	21.68	76.71	5.23	5.79	7.82	6
2014/07/28	ME	THB1	13:00:40	T	1.0	99.2	1.25	29.17	21.14	83.79	5.72	3.23	7.85	7
2014/07/28	ME	THB2	13:04:05	M	1.5	40.0	0.03	28.85	20.40	72.33	4.98	5.14	7.71	4
2014/07/28	ME	THB2	13:04:27	M	1.5	40.0	0.03	28.85	20.41	71.83	4.95	5.14	7.72	4
2014/07/28	ME	THB2	13:04:50	M	1.5	40.0	0.04	28.85	20.39	71.54	4.93	5.23	7.74	4
2014/07/28	ME	WSR45C	14:30:53	B	12.0	20.0	0.16	27.63	25.79	54.02	3.69	9.49	7.71	11
2014/07/28	ME	WSR45C	14:31:40	M	7.0	22.4	1.10	28.51	23.42	62.78	4.28	4.42	7.72	7
2014/07/28	ME	WSR45C	14:32:31	T	0.9	94.6	1.06	29.80	20.16	78.78	5.35	3.75	7.76	6
2014/07/28	ME	WSR45C	14:33:26	B	11.9	328.1	0.24	27.65	25.76	53.66	3.66	9.35	7.71	11
2014/07/28	ME	WSR45C	14:34:11	M	7.0	315.0	0.39	28.57	23.26	62.78	4.28	4.37	7.72	7
2014/07/28	ME	WSR45C	14:34:59	T	1.1	107.1	1.30	29.74	20.49	78.69	5.34	3.59	7.76	6
2014/07/28	ME	WSR45C	14:35:56	B	11.8	323.9	0.44	27.63	25.77	53.26	3.63	10.77	7.71	11
2014/07/28	ME	WSR45C	14:36:44	M	7.2	83.3	0.26	28.51	23.38	62.67	4.27	4.47	7.72	7
2014/07/28	ME	WSR45C	14:37:29	T	1.1	148.1	1.53	29.79	20.46	79.16	5.37	3.65	7.76	5
2014/07/28	ME	WSR46	12:28:33	B	9.3	33.5	0.83	27.43	26.25	52.20	3.56	7.27	7.68	10
2014/07/28	ME	WSR46	12:29:23	M	5.9	89.4	0.81	28.27	23.53	58.52	4.00	6.31	7.70	10
2014/07/28	ME	WSR46	12:30:09	T	1.1	93.9	0.92	29.85	19.10	74.73	5.10	3.23	7.73	4
2014/07/28	ME	WSR46	12:30:58	B	9.2	119.9	0.06	27.68	25.58	53.26	3.63	8.11	7.72	11
2014/07/28	ME	WSR46	12:31:46	M	5.4	166.1	0.68	28.41	23.09	59.36	4.06	5.76	7.73	11
2014/07/28	ME													

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)
2014/07/30	MF	DS1	09:03:05	B	3.2	124.2	0.15	28.90	22.30	64.14	4.37	5.86	7.72	8
2014/07/30	MF	DS1	09:03:44	T	0.9	26.9	0.69	29.48	20.04	73.71	5.03	3.28	7.75	5
2014/07/30	MF	DS1	09:04:13	B	3.0	12.7	0.20	28.98	22.08	65.97	4.49	5.52	7.73	8
2014/07/30	MF	DS1	09:04:46	T	1.1	47.8	0.50	29.25	20.97	69.92	4.77	3.55	7.74	5
2014/07/30	MF	DS1	09:05:30	B	3.0	141.4	0.27	28.86	22.44	62.55	4.26	5.33	7.72	8
2014/07/30	MF	DS1	09:06:10	T	1.0	230.5	0.31	29.47	20.03	74.06	5.06	2.99	7.75	5
2014/07/30	MF	DS2	09:10:22	B	3.0	157.7	0.23	29.28	21.07	70.98	4.84	5.18	7.72	10
2014/07/30	MF	DS2	09:11:02	T	1.0	126.0	0.77	29.31	20.61	71.95	4.91	3.89	7.73	6
2014/07/30	MF	DS2	09:11:33	B	3.0	169.3	0.15	29.26	21.13	70.08	4.77	4.75	7.72	10
2014/07/30	MF	DS2	09:12:05	T	1.2	281.1	0.49	29.30	20.55	73.07	4.99	3.28	7.74	6
2014/07/30	MF	DS2	09:12:33	B	3.0	134.0	0.24	29.28	21.18	70.51	4.80	4.75	7.72	10
2014/07/30	MF	DS2	09:13:21	T	1.0	281.8	0.11	29.32	20.43	73.93	5.05	3.38	7.74	6
2014/07/30	MF	DS3	09:17:00	B	3.2	297.6	0.85	29.47	21.51	72.76	4.93	9.90	7.73	10
2014/07/30	MF	DS3	09:17:56	T	1.1	250.4	0.25	29.47	20.44	76.28	5.20	4.62	7.75	8
2014/07/30	MF	DS3	09:18:42	B	3.1	223.8	0.31	29.52	21.55	73.75	4.99	8.24	7.74	10
2014/07/30	MF	DS3	09:19:22	T	1.1	140.9	0.45	29.42	20.27	75.41	5.15	3.33	7.74	9
2014/07/30	MF	DS3	09:20:05	B	3.0	13.4	0.52	29.51	20.99	76.12	5.17	4.68	7.75	10
2014/07/30	MF	DS3	09:20:49	T	1.1	61.3	0.79	29.50	20.42	77.05	5.25	3.43	7.75	8
2014/07/30	MF	DS4	09:24:23	B	4.9	321.1	0.39	29.54	21.53	74.57	5.05	8.45	7.74	10
2014/07/30	MF	DS4	09:25:09	M	3.5	80.4	0.97	29.47	21.21	75.50	5.12	5.16	7.74	11
2014/07/30	MF	DS4	09:25:39	T	1.2	220.9	0.43	29.63	20.18	80.68	5.49	2.89	7.76	10
2014/07/30	MF	DS4	09:26:24	B	4.9	233.4	0.44	29.49	21.77	72.99	4.94	6.41	7.74	10
2014/07/30	MF	DS4	09:27:03	M	3.4	60.9	0.35	29.44	21.33	71.99	4.88	8.67	7.72	12
2014/07/30	MF	DS4	09:27:38	T	1.1	42.8	0.18	29.46	20.55	75.87	5.17	3.60	7.74	10
2014/07/30	MF	DS4	09:28:24	B	5.0	17.2	0.22	29.45	21.71	72.18	4.89	6.22	7.73	9
2014/07/30	MF	DS4	09:28:51	M	3.5	324.1	0.57	29.49	21.33	73.14	4.96	7.87	7.73	11
2014/07/30	MF	DS4	09:29:22	T	1.0	189.0	0.31	29.49	20.44	76.49	5.21	3.39	7.75	9
2014/07/30	MF	DS5	09:32:52	B	6.0	2.1	0.11	29.11	22.64	69.44	4.70	24.21	7.73	12
2014/07/30	MF	DS5	09:33:38	M	4.1	340.6	0.54	29.25	22.25	71.14	4.82	8.06	7.73	13
2014/07/30	MF	DS5	09:34:12	T	1.0	222.2	0.20	29.54	20.84	79.50	5.40	3.92	7.76	5
2014/07/30	MF	DS5	09:34:55	B	6.0	284.1	0.31	28.96	22.83	63.99	4.34	17.42	7.72	11
2014/07/30	MF	DS5	09:35:36	M	4.2	326.7	0.33	29.51	21.60	75.32	5.10	5.01	7.75	13
2014/07/30	MF	DS5	09:36:17	T	1.0	55.9	0.50	29.64	20.56	80.30	5.45	3.61	7.76	4
2014/07/30	MF	DS5	09:37:04	B	6.3	143.0	0.68	28.91	23.12	63.59	4.31	19.23	7.71	12
2014/07/30	MF	DS5	09:37:43	M	4.2	31.8	0.65	29.50	21.34	76.61	5.19	4.18	7.76	13
2014/07/30	MF	DS5	09:38:19	T	0.9	280.0	0.05	29.59	20.69	80.03	5.44	3.67	7.76	5
2014/07/30	MF	US1	09:51:35	B	4.1	170.6	0.81	28.46	23.55	61.93	4.22	4.16	7.71	5
2014/07/30	MF	US1	09:52:12	M	2.9	155.2	0.12	28.68	22.84	64.01	4.36	3.60	7.71	6
2014/07/30	MF	US1	09:52:46	T	0.9	350.1	0.58	29.19	20.93	71.11	4.86	2.65	7.72	5
2014/07/30	MF	US1	09:53:21	B	4.1	18.5	0.47	28.53	23.32	62.79	4.28	4.23	7.70	5
2014/07/30	MF	US1	09:54:01	M	3.0	129.1	0.94	28.92	21.75	67.58	4.61	3.18	7.71	5
2014/07/30	MF	US1	09:54:31	T	1.0	264.5	0.43	29.23	20.85	71.72	4.90	2.49	7.72	5
2014/07/30	MF	US1	09:55:11	B	4.1	121.0	0.43	28.66	22.91	63.95	4.36	3.78	7.70	5
2014/07/30	MF	US1	09:55:49	M	2.9	322.9	0.56	28.98	21.56	68.97	4.71	2.95	7.71	6
2014/07/30	MF	US1	09:56:24	T	1.1	229.0	0.55	29.47	20.40	73.02	4.98	2.63	7.72	5
2014/07/30	MF	US2	10:00:09	B	7.0	319.8	0.10	29.77	25.15	57.55	3.92	6.92	7.70	10
2014/07/30	MF	US2	10:00:48	M	4.5	74.1	0.01	28.02	24.95	60.55	4.12	4.03	7.71	5
2014/07/30	MF	US2	10:01:25	T	1.2	161.8	0.34	28.98	21.62	72.18	4.93	1.86	7.73	4
2014/07/30	MF	US2	10:02:08	B	6.9	43.6	0.54	27.94	25.28	55.86	3.80	7.17	7.70	9
2014/07/30	MF	US2	10:02:44	M	4.6	113.4	0.55	28.13	24.62	62.66	4.27	2.91	7.72	5
2014/07/30	MF	US2	10:03:19	T	1.2	314.5	0.25	29.00	21.52	72.10	4.92	1.82	7.73	4
2014/07/30	MF	US2	10:04:01	B	6.9	50.8	0.47	28.01	25.09	57.41	3.91	7.16	7.70	10
2014/07/30	MF	US2	10:05:20	M	4.4	284.8	0.32	28.04	24.90	60.08	4.09	4.46	7.71	5
2014/07/30	MF	US2	10:05:58	T	1.1	295.2	0.51	29.10	21.18	73.65	5.03	1.68	7.74	4
2014/07/30	MF	MW1	07:19:37	B	16.7	221.3	0.12	26.38	29.72	48.75	3.32	8.83	7.79	10
2014/07/30	MF	MW1	07:20:39	M	10.2	69.6	0.32	27.50	26.40	57.31	3.91	2.33	7.78	6
2014/07/30	MF	MW1	07:21:25	T	1.2	223.8	1.29	29.01	20.82	71.54	4.90	2.07	7.76	4
2014/07/30	MF	MW1	07:22:45	B	16.8	21.9	0.38	26.49	29.55	49.84	3.39	9.08	7.79	10
2014/07/30	MF	MW1	07:23:35	M	10.1	168.3	0.54	27.40	26.74	56.69	3.86	2.49	7.78	6
2014/07/30	MF	MW1	07:24:21	T	1.2	333.7	0.27	29.02	20.67	72.12	4.95	2.00	7.77	4
2014/07/30	MF	MW1	07:25:22	B	16.8	35.6	0.36	26.52	29.48	49.83	3.39	10.76	7.78	10
2014/07/30	MF	MW1	07:26:09	M	10.2	96.4	0.66	27.29	27.07	55.78	3.80	2.53	7.78	6
2014/07/30	MF	MW1	07:26:59	T	1.0	224.4	0.36	28.98	20.88	72.16	4.95	2.00	7.77	4
2014/07/30	MF	THB1	08:53:34	B	3.0	264.5	0.88	29.39	20.07	74.66	5.11	3.04	7.77	7
2014/07/30	MF	THB1	08:54:11	T	0.9	327.5	0.59	29.48	19.82	74.01	5.06	3.81	7.76	7
2014/07/30	MF	THB1	08:54:55	B	2.9	154.9	0.71	29.35	20.45	71.74	4.90	3.79	7.74	7
2014/07/30	MF	THB1	08:55:48	T	1.1	181.8	0.07	29.43	20.02	73.72	5.04	3.57	7.75	7
2014/07/30	MF	THB1	08:56:33	B	2.9	313.0	0.50	29.36	20.41	72.30	4.94	3.66	7.74	7
2014/07/30	MF	THB1	08:57:26	T	1.1	333.2	0.68	29.44	20.01	73.44	5.02	3.64	7.74	6
2014/07/30	MF	THB2	08:36:59	M	1.5	40.0	0.03	29.32	20.32	81.10	5.54	7.83	7.57	6
2014/07/30	MF	THB2	08:37:20	M	1.5	40.0	0.02	29.37	20.38	68.90	4.71	10.33	7.69	6
2014/07/30	MF	THB2	08:37:42	M	1.5	40.0	0.03	29.36	20.39	65.80	4.49	12.03	7.72	6
2014/07/30	MF	WSR45C	07:59:04	B	11.9	259.6	0.26	27.13	27.64	52.32	3.56	9.37	7.76	6
2014/07/30	MF	WSR45C	07:59:54	M	7.1	18.4	0.56	27.73	25.75	58.50	3.98	3.93	7.76	6
2014/07/30	MF	WSR45C	08:00:41	T	1.0	282.9	0.57	29.22	19.78	70.62	4.85	2.68	7.75	5
2014/07/30	MF	WSR45C	08:01:46	B	11.8	288.7	0.86	27.05	27.86	51.94	3.54	10.11	7.75	6
2014/07/30	MF	WSR45C	08:02:38	M	6.9	229.3	0.43	27.68	25.91	57.71	3.93	4.05	7.75	6
2014/07/30	MF	WSR45C	08:03:19	T	1.1	304.5	0.71	29.04	20.80	68.70	4.71	2.63	7.74	5
2014/07/30	MF	WSR45C	08:04:48	B	11.2	352.6	0.58	27.13	27.60	52.26	3.56	14.88	7.75	6
2014/07/30	MF	WSR45C	08:05:34	M	6.9	340.3	0.26	27.59	26.18	56.78	3.87	5.31	7.75	6
2014/07/30	MF	WSR45C	08:06:19	T	1.1	219.7	0.42	29.16	20.18	70.05	4.81	2.60	7.74	5
2014/07/30	MF	WSR46	10:17:01	B	8.9	330.8	0.10	27.51	26.55	57.53	3.92	7.37	7.71	9
2014/07/30	MF	WSR46	10:17:41	M	5.6	274.6	0.36	28.13	24.45	63.73	4.34	2.23	7.72	11
2014/07/30	MF	WSR46	10:18:26	T	1.1	244.2	0.13	29.20	20.99	69.74	4.76	4.30	7.69	13
2014/07/30	MF	WSR46	10:20:35	B	8.2	227.7	0.49	27.21	27.44	54.32	3.70	9.12	7.72	8
2014/07/30	MF	WSR46	10:21:13	M	5.5	313.6	0.65	28.17	24.40	63.14	4.30	2.37	7.72	11</

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)
2014/07/30	ME	DS1	14:16:46	B	3.3	173.3	0.21	28.94	22.79	72.03	4.89	14.08	7.77	17
2014/07/30	ME	DS1	14:17:30	T	0.9	330.6	0.69	29.81	21.00	97.46	6.58	7.89	7.89	11
2014/07/30	ME	DS1	14:18:14	B	3.1	343.9	0.91	28.95	22.78	72.05	4.89	13.38	7.77	17
2014/07/30	ME	DS1	14:19:00	T	1.0	283.4	0.36	29.98	21.08	97.26	6.55	11.40	7.88	11
2014/07/30	ME	DS1	14:19:40	B	3.0	87.0	0.36	29.07	22.51	74.26	5.04	12.55	7.77	17
2014/07/30	ME	DS1	14:20:18	T	1.0	107.4	0.42	29.62	21.42	98.31	6.65	8.72	7.92	10
2014/07/30	ME	DS2	14:24:41	B	9.9	269.1	0.25	26.96	28.16	53.07	3.61	7.56	7.74	10
2014/07/30	ME	DS2	14:25:23	M	6.1	103.9	0.69	27.47	26.70	55.19	3.76	6.65	7.73	11
2014/07/30	ME	DS2	14:26:06	T	0.8	297.6	1.96	30.42	20.66	100.65	6.74	3.16	7.90	5
2014/07/30	ME	DS2	14:26:55	B	10.0	139.2	0.55	26.98	28.15	52.01	3.54	7.40	7.74	10
2014/07/30	ME	DS2	14:27:32	M	6.1	144.0	0.29	27.63	26.18	57.08	3.89	4.81	7.74	11
2014/07/30	ME	DS2	14:28:12	T	1.1	95.6	0.53	30.43	20.76	97.09	6.50	3.59	7.89	6
2014/07/30	ME	DS2	14:29:01	B	10.0	246.7	0.50	26.99	28.12	51.90	3.53	7.27	7.74	10
2014/07/30	ME	DS2	14:29:43	M	6.3	261.1	0.29	27.61	26.28	56.44	3.84	5.26	7.74	11
2014/07/30	ME	DS2	14:30:25	T	1.0	150.0	0.32	30.57	20.70	98.47	6.58	3.69	7.90	5
2014/07/30	ME	DS3	14:34:12	B	7.1	299.8	0.33	27.60	26.35	58.43	3.98	6.17	7.74	7
2014/07/30	ME	DS3	14:34:44	M	4.5	105.0	0.11	28.59	23.76	65.83	4.47	6.99	7.75	9
2014/07/30	ME	DS3	14:35:14	T	0.8	57.8	0.60	30.28	20.13	85.69	5.77	3.59	7.81	5
2014/07/30	ME	DS3	14:36:05	B	6.9	14.4	0.39	27.60	26.31	57.30	3.90	6.02	7.75	7
2014/07/30	ME	DS3	14:36:37	M	4.7	280.5	0.21	28.91	22.88	68.26	4.63	6.83	7.76	9
2014/07/30	ME	DS3	14:37:23	T	1.2	348.2	0.43	30.43	20.06	87.91	5.91	3.31	7.82	5
2014/07/30	ME	DS3	14:38:08	B	7.1	328.4	0.52	27.64	26.21	58.47	3.98	4.83	7.75	7
2014/07/30	ME	DS3	14:38:58	M	4.6	231.0	0.31	29.12	22.39	74.35	5.04	3.97	7.77	10
2014/07/30	ME	DS3	14:39:20	T	1.2	340.7	0.28	30.38	20.15	86.34	5.94	3.41	7.82	6
2014/07/30	ME	DS4	14:43:31	B	8.2	312.8	0.45	27.92	25.37	60.14	4.09	4.99	7.74	9
2014/07/30	ME	DS4	14:44:01	M	5.0	180.0	1.34	28.54	23.65	64.49	4.39	5.24	7.75	8
2014/07/30	ME	DS4	14:44:32	T	1.1	142.5	0.68	30.13	20.09	85.42	5.77	3.49	7.81	6
2014/07/30	ME	DS4	14:45:15	B	8.0	183.1	0.37	28.11	24.91	61.61	4.19	5.28	7.75	9
2014/07/30	ME	DS4	14:45:43	M	5.2	144.8	0.38	28.28	24.33	61.81	4.21	5.57	7.74	8
2014/07/30	ME	DS4	14:46:10	T	1.3	130.7	0.61	29.94	20.35	81.60	5.52	3.97	7.78	6
2014/07/30	ME	DS4	14:46:59	B	8.0	60.9	0.36	27.96	25.36	59.95	4.08	6.23	7.75	9
2014/07/30	ME	DS4	14:47:31	M	5.1	141.7	0.71	28.19	24.51	60.03	4.09	6.31	7.74	9
2014/07/30	ME	DS4	14:48:04	T	1.0	80.8	0.77	30.17	20.35	86.47	5.83	3.53	7.81	6
2014/07/30	ME	DS5	14:53:02	B	9.0	9.9	0.93	28.36	24.21	64.44	4.38	5.14	7.74	7
2014/07/30	ME	DS5	14:53:35	M	5.6	13.7	0.49	28.88	22.56	67.85	4.62	4.40	7.74	6
2014/07/30	ME	DS5	14:54:10	T	1.2	98.4	1.37	29.71	19.73	79.94	5.45	2.74	7.78	6
2014/07/30	ME	DS5	14:54:52	B	9.1	10.7	0.51	28.48	23.80	64.45	4.38	4.68	7.74	7
2014/07/30	ME	DS5	14:55:32	M	5.5	86.9	0.77	28.60	23.35	64.75	4.41	4.62	7.73	6
2014/07/30	ME	DS5	14:56:05	T	1.1	80.5	0.94	30.01	19.13	80.26	5.46	2.80	7.77	6
2014/07/30	ME	DS5	14:56:52	B	9.2	81.3	0.70	28.47	23.80	63.69	4.33	5.12	7.74	6
2014/07/30	ME	DS5	14:57:24	M	5.5	64.7	0.46	29.02	22.17	67.79	4.61	4.83	7.74	6
2014/07/30	ME	DS5	14:58:08	T	0.9	136.6	0.46	30.36	18.58	80.26	5.45	2.73	7.78	6
2014/07/30	ME	US1	14:07:50	B	3.0	261.9	0.35	28.85	23.05	68.21	4.63	5.64	7.74	8
2014/07/30	ME	US1	14:08:25	T	0.8	214.2	0.68	30.30	20.67	101.64	6.82	2.87	7.91	7
2014/07/30	ME	US1	14:09:10	B	2.8	32.3	0.45	28.74	23.32	65.05	4.42	7.26	7.74	8
2014/07/30	ME	US1	14:09:53	T	1.0	246.5	0.03	29.74	21.39	90.06	6.08	4.02	7.84	7
2014/07/30	ME	US1	14:10:35	B	2.8	107.9	0.92	28.70	23.32	63.63	4.32	5.52	7.74	8
2014/07/30	ME	US1	14:11:17	T	0.9	348.1	0.49	29.86	21.29	91.36	6.16	3.63	7.85	7
2014/07/30	ME	US2	13:59:19	B	2.9	163.6	0.52	29.91	20.66	103.82	7.02	3.06	7.90	7
2014/07/30	ME	US2	13:59:56	T	1.1	339.4	0.26	30.38	20.47	110.05	7.39	2.63	7.96	6
2014/07/30	ME	US2	14:00:48	B	2.9	139.9	0.52	29.00	22.73	65.10	4.42	6.05	7.72	7
2014/07/30	ME	US2	14:01:27	T	0.9	234.4	1.38	30.03	20.58	104.03	7.02	2.87	7.93	6
2014/07/30	ME	US2	14:02:06	B	2.8	62.1	1.10	29.08	22.62	67.56	4.58	5.37	7.74	6
2014/07/30	ME	US2	14:02:35	T	1.0	181.1	0.47	29.99	20.54	102.42	6.92	2.76	7.93	6
2014/07/30	ME	MW1	15:35:03	B	18.4	167.4	0.07	28.74	24.13	75.64	5.11	1.96	7.79	3
2014/07/30	ME	MW1	15:35:52	M	10.3	32.5	0.86	29.23	23.02	80.34	5.42	1.82	7.80	4
2014/07/30	ME	MW1	15:36:42	T	1.2	81.8	1.31	29.51	22.40	83.81	5.65	2.17	7.80	5
2014/07/30	ME	MW1	15:37:52	B	17.7	265.2	0.68	28.87	23.82	76.63	5.18	2.88	7.79	3
2014/07/30	ME	MW1	15:38:36	M	9.8	59.3	0.45	29.20	23.08	79.97	5.40	1.98	7.80	4
2014/07/30	ME	MW1	15:39:27	T	1.3	95.8	0.79	29.60	22.26	85.01	5.72	2.28	7.81	5
2014/07/30	ME	MW1	15:40:33	B	17.7	218.6	0.29	28.51	24.65	73.12	4.95	2.64	7.78	3
2014/07/30	ME	MW1	15:41:21	M	10.2	210.8	0.06	29.24	22.99	80.08	5.40	2.03	7.80	5
2014/07/30	ME	MW1	15:42:12	T	1.2	48.9	0.55	30.21	21.35	90.07	6.03	1.87	7.82	5
2014/07/30	ME	THB1	13:25:48	B	3.0	152.6	0.29	29.64	21.25	88.18	5.97	4.65	7.84	13
2014/07/30	ME	THB1	13:26:37	T	0.9	84.7	0.59	29.87	20.58	96.36	6.52	2.68	7.89	5
2014/07/30	ME	THB1	13:27:24	B	3.0	98.7	0.39	29.63	21.17	89.25	6.04	3.39	7.85	14
2014/07/30	ME	THB1	13:27:55	T	1.1	207.9	0.25	30.02	20.48	97.46	6.58	3.61	7.88	5
2014/07/30	ME	THB1	13:28:42	B	3.0	34.5	0.42	29.61	21.21	87.29	5.91	3.50	7.84	14
2014/07/30	ME	THB1	13:29:12	T	1.1	74.1	0.48	29.87	20.38	101.84	6.90	2.33	7.90	5
2014/07/30	ME	THB2	13:41:56	M	1.3	40.0	0.02	29.40	20.23	88.79	6.07	4.64	7.77	8
2014/07/30	ME	THB2	13:43:03	M	1.3	40.0	0.03	29.39	20.24	85.69	5.85	5.14	7.82	7
2014/07/30	ME	THB2	13:43:53	M	1.4	40.0	0.03	29.40	20.26	85.69	5.85	5.23	7.82	8
2014/07/30	ME	WSR45C	15:02:32	B	12.0	254.8	0.47	28.30	24.27	62.96	4.28	6.82	7.73	7
2014/07/30	ME	WSR45C	15:03:28	M	7.1	80.9	0.60	28.78	22.95	67.55	4.59	4.06	7.74	7
2014/07/30	ME	WSR45C	15:04:04	T	0.8	104.7	1.16	30.41	17.93	86.38	5.88	2.48	7.79	4
2014/07/30	ME	WSR45C	15:04:53	B	12.1	167.4	1.13	28.11	24.83	60.97	4.15	14.58	7.73	8
2014/07/30	ME	WSR45C	15:05:30	M	7.0	68.2	0.50	28.94	22.46	68.69	4.67	4.43	7.75	7
2014/07/30	ME	WSR45C	15:06:08	T	1.0	111.2	0.65	30.46	17.66	87.68	5.97	2.58	7.79	4
2014/07/30	ME	WSR45C	15:07:04	B	11.9	94.7	0.57	28.45	23.81	63.54	4.32	5.32	7.73	7
2014/07/30	ME	WSR45C	15:07:44	M	7.0	83.3	0.56	29.00	22.20	69.00	4.69	3.82	7.74	7
2014/07/30	ME	WSR45C	15:08:25	T	0.9	130.2	0.89	30.27	18.04	86.37	5.89	2.56	7.79	4
2014/07/30	ME	WSR46	13:00:09	B	9.1	142.3	0.69	27.34	27.00	55.48	3.78	5.35	7.67	8
2014/07/30	ME	WSR46	13:01:07	M	5.6	91.6	0.29	28.24	24.28	58.71	4.00	5.66	7.68	7
2014/07/30	ME	WSR46	13:02:00	T	1.1	88.8	1.04	30.20	17.53	84.89	5.81	2.47	7.74	7
2014/07/30	ME	WSR46	13:02:49	B	8.9	98.7	0.50	27.53	26.48	55.93	3.81	5.22	7.71	8
2014/07/30	ME	WSR46	13:03:32	M	5.4	101.3	0.60	28.20	24.39	58.16	3.96	6.01	7.70	7
2014/07/														