

Sample Point ID	Date	Time	Temp °C	Sp.Cond ms/cm	pH	oDO mg/L	Depth m	oDO %	Salinity PSS	Latitude	Longitude	Secchi D (m)	Vel. (fps)	Comment
A258	7/13/2010	9:49:00	26.39	0.092	6.57	7.34	0.36	91.41	0.00	44.01195N	70.08677W			
A258	7/13/2010	9:50:03	26.37	0.092	6.57	7.35	1.01	91.59	0.00	44.01195N	70.08677W			
A258	7/13/2010	9:50:42	26.37	0.092	6.49	7.36	2.00	91.67	0.00	44.01195N	70.08677W			
A258	7/13/2010	9:52:05	26.36	0.092	6.51	7.36	3.05	91.61	0.00	44.01195N	70.08677W			
A258	7/13/2010	9:53:06	26.37	0.092	6.50	7.38	4.00	91.92	0.00	44.01195N	70.08677W			
A258	7/13/2010	9:54:17	26.35	0.092	6.53	7.35	4.99	91.55	0.00	44.01195N	70.08677W			
A258	7/13/2010	16:50:27	26.89	0.092	6.65	7.53	0.31	94.69	0.00	43.99261N	70.05104W			
A258	7/13/2010	16:52:00	26.88	0.092	6.58	7.50	1.01	94.27	0.00	43.99261N	70.05104W			
A258	7/13/2010	16:52:48	26.83	0.092	6.54	7.48	2.01	93.97	0.00	43.99261N	70.05104W			
A258	7/13/2010	16:53:20	26.77	0.092	6.54	7.48	3.02	93.82	0.00	43.99261N	70.05104W			
A258	7/13/2010	16:53:52	26.76	0.092	6.52	7.49	4.04	93.94	0.00	43.99261N	70.05104W			
A258	7/13/2010	16:54:32	26.76	0.092	6.53	7.48	5.01	93.79	0.00	43.99261N	70.05104W	3.1		
A258	7/15/2010	5:55:38	26.65	0.095	6.59	7.35	0.39	92.31	0.00	44.13719N	70.20056W			
A258	7/15/2010	5:56:33	26.65	0.095	6.56	7.35	0.99	92.39	0.00	44.13719N	70.20056W			
A258	7/15/2010	5:57:22	26.65	0.095	6.55	7.36	2.00	92.54	0.00	44.13721N	70.20056W			
A258	7/15/2010	5:59:02	26.65	0.095	6.56	7.37	2.99	92.62	0.00	44.13721N	70.20054W			
A258	7/15/2010	6:00:22	26.65	0.095	6.57	7.38	3.99	92.77	0.00	44.13719N	70.20054W			
A258	7/15/2010	6:01:19	26.65	0.095	6.57	7.38	4.99	92.77	0.00	44.13719N	70.20054W			
A258	7/15/2010	6:02:45	26.64	0.095	6.58	7.38	6.01	92.73	0.00	44.13719N	70.20054W			
A258	7/15/2010	13:26:40	27.36	0.096	6.55	7.47	1.02	95.13	0.00	0.00000N	0.00000E			
A258	7/15/2010	13:30:31	27.4	0.096	6.53	7.51	1.02	95.69	0.00	0.00000N	0.00000E			
A258	7/15/2010	13:31:05	27.15	0.096	6.51	7.56	2.04	95.81	0.00	0.00000N	0.00000E			
A258	7/15/2010	13:31:52	27.13	0.096	6.50	7.53	3.01	95.41	0.00	0.00000N	0.00000E			
A258	7/15/2010	13:32:58	27.11	0.096	6.53	7.51	4.04	95.21	0.00	0.00000N	0.00000E			
A258	7/15/2010	13:34:00	27.13	0.096	6.53	7.53	4.99	95.39	0.00	0.00000N	0.00000E	3.1	0.4	
A258	7/16/2010	9:43:50	26.66	0.098	6.67	7.24	0.25	90.94	0.00	44.13728N	70.20062W			
A258	7/16/2010	9:44:44	26.65	0.098	6.59	7.21	0.98	90.64	0.00	44.13726N	70.20060W			
A258	7/16/2010	9:45:28	26.6	0.098	6.50	7.21	1.99	90.58	0.00	44.13724N	70.20062W			
A258	7/16/2010	9:46:02	26.58	0.098	6.49	7.22	2.99	90.60	0.00	44.13723N	70.20060W			
A258	7/16/2010	9:46:48	26.56	0.098	6.48	7.21	4.00	90.43	0.00	44.13724N	70.20062W			
A258	7/16/2010	9:47:27	26.52	0.098	6.49	7.21	5.03	90.41	0.00	44.13726N	70.20060W			
A258	7/16/2010	12:57:43	27.19	0.099	6.61	7.63	0.45	96.77	0.00	44.13729N	70.20067W			
A258	7/16/2010	12:58:45	26.98	0.099	6.52	7.56	1.02	95.58	0.00	44.13726N	70.20064W			
A258	7/16/2010	12:59:28	26.95	0.099	6.53	7.52	1.99	94.99	0.00	44.13726N	70.20062W			
A258	7/16/2010	12:59:53	26.93	0.099	6.52	7.52	3.00	95.00	0.00	44.13726N	70.20062W			
A258	7/16/2010	13:00:39	26.9	0.099	6.53	7.50	4.01	94.70	0.00	44.13723N	70.20069W			
A258	7/16/2010	13:01:23	26.89	0.099	6.54	7.47	5.02	94.34	0.00	44.13724N	70.20070W			
A258	7/16/2010	13:02:01	26.89	0.099	6.54	7.45	5.97	93.96	0.00	44.13726N	70.20069W	3.3		
A230	7/13/2010	9:03:46	25.96	0.091	6.70	7.62	0.33	94.15	0	44.01195N	70.08677W			
A230	7/13/2010	9:04:37	25.95	0.091	6.58	7.62	1.04	94.15	0	44.01195N	70.08677W			
A230	7/13/2010	9:05:28	25.94	0.091	6.54	7.61	1.99	94.01	0	44.01195N	70.08677W			
A230	7/13/2010	9:06:28	25.93	0.091	6.56	7.63	3.02	94.29	0	44.01195N	70.08677W			
A230	7/13/2010	9:08:44	25.95	0.091	6.59	7.62	4.00	94.19	0	44.01195N	70.08677W			
A230	7/13/2010	9:09:49	25.93	0.091	6.60	7.62	4.99	94.15	0	44.01195N	70.08677W			
A230	7/13/2010	9:10:25	25.92	0.091	6.60	7.62	6.01	94.13	0	44.01195N	70.08677W			
A230	7/13/2010	9:16:17	25.90	0.091	6.62	7.59	6.99	93.76	0	44.01195N	70.08677W			
A230	7/13/2010	9:11:41	25.91	0.091	6.61	7.63	8.09	94.19	0	44.01195N	70.08677W			
A230	7/13/2010	9:13:42	25.90	0.091	6.62	7.57	9.04	93.48	0	44.01195N	70.08677W			
A230	7/13/2010	9:14:37	25.90	0.091	6.62	7.57	10.01	93.40	0	44.01195N	70.08677W			
A230	7/13/2010	9:15:19	25.90	0.091	6.62	7.57	11.02	93.48	0	44.01195N	70.08677W			
A230	7/13/2010	16:14:09	26.85	0.092	6.65	7.94	0.32	99.75	0	43.99261N	70.05104W			
A230	7/13/2010	16:15:11	26.75	0.092	6.60	7.91	1.01	99.19	0	43.99261N	70.05104W			
A230	7/13/2010	16:16:08	26.68	0.092	6.58	7.88	1.97	98.70	0	43.99261N	70.05104W			
A230	7/13/2010	16:16:48	26.60	0.092	6.61	7.87	3.03	98.39	0	43.99261N	70.05104W			
A230	7/13/2010	16:17:28	26.52	0.092	6.61	7.85	3.98	97.96	0	43.99261N	70.05104W			
A230	7/13/2010	16:18:04	26.38	0.092	6.60	7.81	4.98	97.30	0	43.99261N	70.05104W			
A230	7/13/2010	16:18:41	26.35	0.092	6.61	7.79	6.01	96.96	0	43.99261N	70.05104W			
A230	7/13/2010	16:19:09	26.29	0.092	6.61	7.75	7.01	96.41	0	43.99261N	70.05104W			
A230	7/13/2010	16:19:52	26.24	0.092	6.62	7.73	7.99	95.98	0	43.99261N	70.05104W			
A230	7/13/2010	16:20:38	26.12	0.091	6.61	7.71	9.02	95.52	0	43.99261N	70.05104W			

Sample Point ID	Date	Time	Temp °C	Sp.Cond ms/cm	pH	oDO mg/L	Depth m	oDO %	Salinity PSS	Latitude	Longitude	Secchi D (m)	Vel. (fps)	Comment
A230	7/13/2010	16:21:22	26.05	0.091	6.61	7.65	10.01	94.65	0	43.99261N	70.05104W			
A230	7/13/2010	16:21:58	26.03	0.092	6.60	7.55	11.01	93.49	0	43.99261N	70.05104W			
A230	7/13/2010	16:22:49	26.01	0.091	6.60	7.50	12.07	92.76	0	43.99261N	70.05104W	3.3		
A230	7/15/2010	6:42:55	26.57	0.096	6.64	7.80	0.42	97.84	0	44.10760N	70.22219W			
A230	7/15/2010	6:43:52	26.56	0.096	6.64	7.82	0.98	98.07	0	44.10762N	70.22220W			
A230	7/15/2010	6:45:25	26.55	0.096	6.57	7.82	1.98	98.15	0	44.10761N	70.22216W			
A230	7/15/2010	6:47:05	26.55	0.096	6.57	7.85	3.01	98.44	0	44.10760N	70.22219W			
A230	7/15/2010	6:48:15	26.55	0.096	6.55	7.86	3.96	98.60	0	44.10760N	70.22219W			
A230	7/15/2010	6:49:29	26.55	0.096	6.57	7.87	5.01	98.77	0	44.10760N	70.22217W			
A230	7/15/2010	6:51:17	26.52	0.096	6.58	7.84	5.99	98.31	0	44.10760N	70.22219W			
A230	7/15/2010	6:51:54	26.52	0.096	6.58	7.88	7.02	98.73	0	44.10761N	70.22220W			
A230	7/15/2010	6:52:39	26.52	0.096	6.58	7.87	8.00	98.61	0	44.10760N	70.22219W			
A230	7/15/2010	6:53:39	26.51	0.095	6.59	7.77	9.00	97.36	0	44.10763N	70.22224W			
A230	7/15/2010	6:54:50	26.52	0.095	6.60	7.77	9.99	97.40	0	44.10760N	70.22219W			
A230	7/15/2010	14:18:35	27.12	0.096	6.71	8.11	0.42	102.79	0	0.00000N	0.00000E			
A230	7/15/2010	14:19:53	26.89	0.095	6.58	8.06	1.04	101.73	0	0.00000N	0.00000E			
A230	7/15/2010	14:20:41	26.77	0.096	6.53	7.99	2.05	100.65	0	0.00000N	0.00000E			
A230	7/15/2010	14:21:28	26.75	0.095	6.52	7.93	2.99	99.81	0	0.00000N	0.00000E			
A230	7/15/2010	14:22:17	26.71	0.095	6.57	7.91	4.00	99.54	0	0.00000N	0.00000E			
A230	7/15/2010	14:23:17	26.68	0.096	6.54	7.88	5.01	99.10	0	0.00000N	0.00000E			
A230	7/15/2010	14:24:07	26.64	0.096	6.55	7.86	6.02	98.81	0	0.00000N	0.00000E			
A230	7/15/2010	14:25:09	26.63	0.096	6.54	7.82	7.05	98.26	0	0.00000N	0.00000E			
A230	7/15/2010	14:26:10	26.61	0.096	6.53	7.82	8.08	98.24	0	0.00000N	0.00000E			
A230	7/15/2010	14:27:02	26.59	0.096	6.55	7.81	9.99	98.01	0	0.00000N	0.00000E			
A230	7/15/2010	14:27:36	26.58	0.096	6.57	7.82	11.05	98.09	0	0.00000N	0.00000E	3.4	0.5	
A230	7/16/2010	9:00:58	26.34	0.097	6.71	7.54	0.34	94.25	0	0.00000N	0.00000E			
A230	7/16/2010	9:01:31	26.35	0.097	6.68	7.52	1.01	93.95	0	0.00000N	0.00000E			
A230	7/16/2010	9:02:05	26.34	0.097	6.56	7.53	2.02	94.07	0	0.00000N	0.00000E			
A230	7/16/2010	9:02:45	26.32	0.097	6.58	7.54	3.02	94.19	0	0.00000N	0.00000E			
A230	7/16/2010	9:03:15	26.32	0.097	6.58	7.56	3.97	94.42	0	0.00000N	0.00000E			
A230	7/16/2010	9:03:44	26.29	0.097	6.56	7.53	4.99	94.05	0	0.00000N	0.00000E			
A230	7/16/2010	9:04:31	26.28	0.097	6.59	7.56	6.00	94.36	0	0.00000N	0.00000E			
A230	7/16/2010	9:05:44	26.29	0.097	6.59	7.56	6.98	94.34	0	0.00000N	0.00000E			
A230	7/16/2010	13:33:46	27.06	0.098	6.62	7.89	0.31	99.84	0	0.00000N	0.00000E			
A230	7/16/2010	13:34:25	27.00	0.098	6.58	7.88	0.99	99.64	0	0.00000N	0.00000E			
A230	7/16/2010	13:35:01	26.65	0.097	6.56	7.93	2.03	99.60	0	0.00000N	0.00000E			
A230	7/16/2010	13:35:42	26.47	0.097	6.53	7.90	3.04	98.92	0	0.00000N	0.00000E			
A230	7/16/2010	13:36:22	26.45	0.097	6.53	7.85	4.02	98.29	0	0.00000N	0.00000E			
A230	7/16/2010	13:36:53	26.44	0.097	6.53	7.84	5.01	98.12	0	0.00000N	0.00000E			
A230	7/16/2010	13:37:21	26.42	0.097	6.56	7.78	6.01	97.34	0	0.00000N	0.00000E			
A230	7/16/2010	13:37:57	26.39	0.097	6.56	7.77	7.02	97.14	0	0.00000N	0.00000E			
A230	7/16/2010	13:38:30	26.37	0.097	6.57	7.76	8.01	97.09	0	0.00000N	0.00000E			
A230	7/16/2010	13:39:07	26.37	0.097	6.57	7.73	9.01	96.66	0	0.00000N	0.00000E			
A230	7/16/2010	13:39:47	26.36	0.097	6.58	7.73	10.03	96.64	0	0.00000N	0.00000E			
A230	7/16/2010	13:40:23	26.35	0.097	6.59	7.71	11.07	96.31	0	0.00000N	0.00000E	3.5		
A230B	7/13/2010	8:37:05	26.23	0.091	6.74	7.58	0.48	94.15	0.00	44.01195N	70.08677W			
A230B	7/13/2010	8:37:57	26.23	0.091	6.66	7.52	1.53	93.35	0.00	44.01195N	70.08677W			
A230B	7/13/2010	8:38:32	26.23	0.091	6.65	7.51	1.81	93.27	0.00	44.01195N	70.08677W			
A230B	7/13/2010	15:54:18	26.41	0.092	6.80	7.71	0.38	96.13	0.00	43.99261N	70.05104W			
A230B	7/13/2010	15:55:20	26.41	0.092	6.70	7.67	1.02	95.62	0.00	43.99261N	70.05104W			
A230B	7/13/2010	15:56:02	26.41	0.092	6.65	7.66	1.99	95.42	0.00	43.99261N	70.05104W			
A230B	7/15/2010	7:17:03	26.53	0.096	6.82	7.77	0.51	97.45	0.00	44.09249N	70.22397W			
A230B	7/15/2010	7:18:23	26.54	0.096	6.73	7.73	1.01	96.90	0.00	44.09258N	70.22402W			
A230B	7/15/2010	14:48:27	27.07	0.096	6.75	7.88	0.51	99.83	0.00	0.00000N	0.00000E			
A230B	7/15/2010	14:49:09	27.07	0.096	6.66	7.86	1.03	99.53	0.00	0.00000N	0.00000E			
A230B	7/16/2010	8:39:17	26.60	0.097	6.93	7.62	0.34	95.72	0.00	0.00000N	0.00000E			
A230B	7/16/2010	8:40:02	26.60	0.097	6.83	7.55	0.98	94.78	0.00	0.00000N	0.00000E			
A230B	7/16/2010	14:01:55	26.80	0.097	6.76	7.79	0.39	98.22	0.00	0.00000N	0.00000E			
A230B	7/16/2010	14:02:40	26.80	0.097	6.70	7.78	1.01	98.05	0.00	44.09251N	70.22397W			
A201	7/13/2010	7:38:03	26.26	0.093	6.78	7.32	0.23	90.94	0.00	44.01195N	70.08677W			

Sample Point ID	Date	Time	Temp °C	Sp.Cond ms/cm	pH	oDO mg/L	Depth m	oDO %	Salinity PSS	Latitude	Longitude	Secchi D (m)	Vel. (fps)	Comment
A201	7/13/2010	7:39:27	26.26	0.093	6.74	7.28	1.03	90.51	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:40:33	26.26	0.093	6.64	7.29	1.99	90.65	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:41:30	26.26	0.093	6.65	7.29	2.97	90.63	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:43:05	26.26	0.093	6.67	7.34	4.02	91.24	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:43:46	26.26	0.093	6.68	7.31	5.01	90.89	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:44:53	26.26	0.093	6.70	7.31	6.03	90.82	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:47:24	26.26	0.093	6.71	7.37	7.03	91.54	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:48:04	26.26	0.093	6.72	7.33	8.01	91.05	0.00	44.01195N	70.08677W			
A201	7/13/2010	7:48:52	26.26	0.093	6.72	7.33	9.01	91.14	0.00	44.01195N	70.08677W			
A201	7/13/2010	15:16:47	26.94	0.094	6.85	8.25	0.35	103.81	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:17:56	26.94	0.094	6.79	8.24	1.03	103.65	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:18:32	26.94	0.094	6.74	8.21	2.01	103.34	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:19:06	26.95	0.094	6.74	8.21	2.97	103.30	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:19:55	26.95	0.094	6.78	8.21	4.02	103.26	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:20:43	26.95	0.094	6.79	8.19	5.01	103.08	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:21:27	26.96	0.094	6.82	8.19	6.05	103.06	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:22:04	26.94	0.094	6.81	8.21	7.00	103.26	0.00	43.99261N	70.05104W			
A201	7/13/2010	15:22:40	26.93	0.094	6.82	8.18	8.00	102.88	0.00	43.99261N	70.05104W	3.7		
A201	7/15/2010	8:06:07	26.26	0.097	6.73	7.57	0.42	94.44	0.00	44.06628N	70.20742W			
A201	7/15/2010	8:07:10	26.27	0.097	6.65	7.54	1.02	94.07	0.00	44.06628N	70.20739W			
A201	7/15/2010	8:08:06	26.25	0.097	6.65	7.54	2.01	94.05	0.00	44.06628N	70.20744W			
A201	7/15/2010	8:09:57	26.25	0.097	6.69	7.54	2.99	94.07	0.00	44.06628N	70.20743W			
A201	7/15/2010	8:11:42	26.25	0.097	6.67	7.55	4.00	94.21	0.00	44.06629N	70.20743W			
A201	7/15/2010	8:12:48	26.25	0.097	6.68	7.56	4.98	94.36	0.00	44.06629N	70.20743W			
A201	7/15/2010	8:13:48	26.25	0.097	6.69	7.55	5.98	94.17	0.00	44.06629N	70.20740W			
A201	7/15/2010	8:14:53	26.25	0.097	6.69	7.56	6.97	94.30	0.00	44.06628N	70.20744W			
A201	7/15/2010	8:15:33	26.25	0.097	6.69	7.55	7.99	94.15	0.00	44.06631N	70.20746W			
A201	7/15/2010		NO SONDE DATA FOR PM EQUIPMENT FAILURE									3.5	0.9	Secchi schewed by current
A201	7/16/2010	7:48:45	26.56	0.102	6.64	7.48	0.47	93.88	0.00	44.06646N	70.20689W			
A201	7/16/2010	7:49:15	26.56	0.101	6.65	7.50	0.97	94.12	0.00	44.06643N	70.20689W			
A201	7/16/2010	7:50:18	26.56	0.100	6.67	7.51	2.12	94.25	0.00	44.06645N	70.20688W			
A201	7/16/2010	7:51:18	26.54	0.102	6.68	7.45	3.11	93.48	0.00	44.06639N	70.20685W			
A201	7/16/2010	7:53:20	26.56	0.101	6.71	7.52	3.83	94.33	0.00	44.06634N	70.20682W			
A201	7/16/2010	7:54:13	26.55	0.102	6.71	7.55	4.88	94.75	0.00	44.06641N	70.20688W			
A201	7/16/2010	14:38:25	27.41	0.100	6.86	8.63	0.52	109.90	0.00	0.00000N	0.00000E			
A201	7/16/2010	14:39:15	27.42	0.098	6.91	8.77	1.06	111.70	0.00	0.00000N	0.00000E			
A201	7/16/2010	14:40:02	27.41	0.100	6.92	8.69	2.04	110.65	0.00	0.00000N	0.00000E			
A201	7/16/2010	14:41:13	27.40	0.103	6.88	8.54	2.92	108.82	0.00	0.00000N	0.00000E			
A201	7/16/2010	14:41:46	27.41	0.104	6.87	8.51	3.97	108.36	0.00	0.00000N	0.00000E			
A201	7/16/2010	14:43:11	27.39	0.101	6.88	8.52	5.04	108.50	0.00	0.00000N	0.00000E	3.8		
A158	7/13/2010	6:59:19	25.93	0.094	6.73	6.90	0.06	85.23	0.00	44.01195N	70.08677W			
A158	7/13/2010	7:00:31	25.94	0.094	6.65	6.93	1.04	85.61	0.00	44.01195N	70.08677W			
A158	7/13/2010	14:54:13	26.95	0.094	6.76	7.73	0.52	97.25	0.00	43.99261N	70.05104W			
A158	7/13/2010	14:55:06	26.94	0.094	6.71	7.74	1.00	97.38	0.00	43.99261N	70.05104W	1.8		
A158	7/15/2010	8:49:43	26.04	0.098	6.61	7.25	0.39	90.16	0.00	44.01383N	70.16665W			
A158	7/15/2010	8:51:16	26.01	0.098	6.60	7.25	0.99	90.03	0.00	44.01383N	70.16665W			
A158	7/15/2010	17:50:46	27.50	0.095	7.15	8.25	0.62	104.40	0.00	44.01364N	70.16694W			
A158	7/15/2010	17:51:23	27.50	0.095	7.14	8.26	1.02	104.47	0.00	44.01363N	70.16692W	Not taken	Not taken	
A158	7/16/2010	7:02:44	26.30	0.100	6.69	7.08	0.38	88.43	0.00	44.01375N	70.16670W			
A158	7/16/2010	7:04:45	26.29	0.100	6.69	7.12	1.01	88.86	0.00	44.01375N	70.16672W			
A158	7/16/2010	15:18:16	27.37	0.101	6.77	8.01	0.50	102.01	0.00	0.00000N	0.00000E			
A158	7/16/2010	15:18:48	27.37	0.101	6.75	8.03	0.98	102.23	0.00	0.00000N	0.00000E	Bottomed Out		
A81	7/13/2010	6:45:58	26.33	*****	****	7.38	0.00	91.80	0.01	0.00000N	0.00000E			Manta II
A81	7/13/2010	6:46:43	26.34	*****	****	7.39	1.00	91.90	0.01	0.00000N	0.00000E			Manta II
A81	7/13/2010	6:47:13	26.34	*****	****	7.31	2.00	90.90	0.01	0.00000N	0.00000E			Manta II
A81	7/13/2010	6:47:53	26.34	*****	****	7.27	3.00	90.50	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	6:48:26	26.34	*****	****	7.24	4.00	90.10	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	6:49:20	26.34	*****	****	7.22	5.00	89.80	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	6:50:46	26.34	*****	****	7.22	bottom	89.80	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	14:59:23	26.91	*****	****	7.60	0.00	95.50	*****	0.00000N	0.00000E	3.50	0.6	Manta II

Sample Point ID	Date	Time	Temp °C	Sp.Cond ms/cm	pH	oDO mg/L	Depth m	oDO %	Salinity PSS	Latitude	Longitude	Secchi D (m)	Vel. (fps)	Comment
A81	7/13/2010	14:59:42	26.83	*****	****	7.59	1.00	95.30	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	15:00:25	26.70	*****	****	7.46	2.00	93.40	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	15:01:00	26.64	*****	****	7.37	3.00	92.10	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	15:01:37	26.59	*****	****	7.33	4.00	91.60	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	15:02:05	26.60	*****	****	7.29	5.00	91.10	*****	0.00000N	0.00000E			Manta II
A81	7/13/2010	15:02:29	26.56	*****	****	7.26	6.00	90.70	*****	0.00000N	0.00000E			Manta II
A81	15-Jul-10	8:31:24	25.79	0.096	7.04	7.13	0.21	88.31	0.00	43.99663N	70.07709W			
A81	15-Jul-10	8:32:09	25.81	0.095	7.02	7.11	1.00	88.11	0.00	43.99665N	70.07709W			
A81	15-Jul-10	8:32:46	25.79	0.095	7.00	7.12	2.04	88.25	0.00	43.99666N	70.07709W			
A81	15-Jul-10	8:33:25	25.78	0.095	7.00	7.12	3.01	88.23	0.00	43.99667N	70.07709W			
A81	15-Jul-10	8:34:25	25.78	0.095	7.00	7.13	3.99	88.34	0.00	43.99668N	70.07707W			
A81	15-Jul-10	8:34:55	25.78	0.095	7.00	7.14	5.00	88.42	0.00	43.99666N	70.07705W			
A81	15-Jul-10		NO SONDE DATA FOR PM EQUIPMENT FAILURE											
A81	16-Jul-10	8:36:54	26.63	0.094	7.13	7.36	0.28	92.52	0.00	0.00000N	0.00000E	3.10		
A81	16-Jul-10	8:37:37	26.61	0.094	7.10	7.36	1.02	92.46	0.00	0.00000N	0.00000E			
A81	16-Jul-10	8:38:26	26.56	0.094	7.08	7.38	1.98	92.55	0.00	0.00000N	0.00000E			
A81	16-Jul-10	8:38:50	26.57	0.094	7.08	7.37	2.94	92.47	0.00	0.00000N	0.00000E			
A81	16-Jul-10	8:39:21	26.50	0.095	7.08	7.37	4.02	92.38	0.00	0.00000N	0.00000E			
A81	16-Jul-10	8:39:44	26.49	0.095	7.09	7.38	4.99	92.42	0.00	0.00000N	0.00000E			
A81	16-Jul-10	16:29:44	27.17	0.095	7.25	7.85	0.34	99.53	0.00	0.00000N	0.00000E	3.20		
A81	16-Jul-10	16:30:42	27.16	0.095	7.23	7.88	0.99	99.93	0.00	0.00000N	0.00000E			
A81	16-Jul-10	16:31:18	27.16	0.095	7.22	7.86	2.01	99.70	0.00	0.00000N	0.00000E			
A81	16-Jul-10	16:32:15	27.13	0.095	7.20	7.84	2.99	99.36	0.00	0.00000N	0.00000E			
A81	16-Jul-10	16:33:05	27.12	0.096	7.20	7.83	4.05	99.20	0.00	0.00000N	0.00000E			
A81	16-Jul-10	16:34:02	27.09	0.096	7.19	7.79	5.36	98.62	0.00	0.00000N	0.00000E			
A81B	7/13/2010	7:26:29	26.41	*****	****	7.50	****	93.40	0.000	0.00000N	0.00000E			Manta II DOWNSTREAM
A81B	7/13/2010	14:06:26	26.57	*****	****	7.30	****	91.10	0.000	0.00000N	0.00000E			Manta II afternoon
A81B	7/15/2010	8:58:26	26.12	*****	****	7.03	****	87.50	0.000	N:4359.58	W:07003.47			Manta II
A81B	7/15/2010		NO SONDE DATA FOR PM EQUIPMENT FAILURE											
A81B	7/16/2010	9:11:27	26.95	0.101	6.95	7.31	****	92.30	0.000	0.00000N	0.00000E			Manta II
A81B	7/16/2010	16:57:11	27.14	0.102	6.88	7.57	****	95.90	0.000	0.00000N	0.00000E			Manta II
A47	7/13/2010	7:52:59	25.74	*****	****	7.38	0.00	90.80	0.01	N:4357.44	W:07001.52			Manta II
A47	7/13/2010	7:53:32	25.74	*****	****	7.33	1.00	90.20	0.01	N:4357.44	W:07001.52			Manta II
A47	7/13/2010	7:54:12	25.73	*****	****	7.23	2.00	88.90	0.01	N:4357.44	W:07001.52			Manta II
A47	7/13/2010	7:54:46	25.71	*****	****	7.16	3.00	88.10	0.01	N:4357.44	W:07001.52			Manta II
A47	7/13/2010	7:55:25	25.70	*****	****	7.15	4.00	87.90	0.01	N:4357.44	W:07001.52			Manta II
A47	7/13/2010	15:45:17	26.85	*****	****	7.77	0.00	97.60	0.01	0.00000N	0.00000E	3.65	0.2	Manta II
A47	7/13/2010	15:45:44	26.81	*****	****	7.74	1.00	97.10	0.01	0.00000N	0.00000E			Manta II
A47	7/13/2010	15:46:10	26.73	*****	****	7.65	2.00	95.80	0.01	0.00000N	0.00000E			Manta II
A47	7/13/2010	15:46:32	26.46	*****	****	7.52	3.00	93.70	0.01	0.00000N	0.00000E			Manta II
A47	7/13/2010	15:47:00	26.30	*****	****	7.41	4.00	92.10	0.01	0.00000N	0.00000E			Manta II
A47	15-Jul-10	7:43:15	25.79	0.091	7.08	7.18	0.25	89.00	0.00	0.00000N	0.00000E			
A47	15-Jul-10	7:43:48	25.78	0.091	7.06	7.18	1.00	88.94	0.00	0.00000N	0.00000E			
A47	15-Jul-10	7:44:14	25.78	0.091	7.05	7.18	1.99	88.91	0.00	0.00000N	0.00000E			
A47	15-Jul-10	7:45:04	25.78	0.091	7.04	7.17	3.00	88.81	0.00	0.00000N	0.00000E			
A47	15-Jul-10	7:45:43	25.78	0.091	7.04	7.17	3.98	88.89	0.00	0.00000N	0.00000E			
A47	15-Jul-10	15:58:10	26.59	0.092	7.11	7.48	0.29	93.10	0.00	43.95743N	70.02532W	3.50		
A47	15-Jul-10	15:59:02	26.48	0.092	7.08	7.45	0.96	92.52	0.00	43.95741N	70.02534W			
A47	15-Jul-10	15:59:52	25.99	0.093	7.05	7.33	1.98	90.26	0.00	43.95740N	70.02532W			
A47	15-Jul-10	16:00:23	25.96	0.093	7.05	7.30	2.98	89.85	0.00	43.95741N	70.02532W			
A47	15-Jul-10	16:01:06	25.95	0.093	7.05	7.27	3.94	89.44	0.00	43.95741N	70.02534W			
A47	16-Jul-10	7:49:46	26.43	0.094	7.08	7.28	0.33	91.13	0.00	43.95758N	70.02509W			
A47	16-Jul-10	7:50:12	26.46	0.094	7.05	7.28	1.01	91.15	0.00	43.95758N	70.02508W			
A47	16-Jul-10	7:50:52	26.46	0.094	7.06	7.27	1.99	91.03	0.00	43.95758N	70.02504W			
A47	16-Jul-10	7:51:28	26.46	0.094	7.05	7.25	3.00	90.84	0.00	43.95760N	70.02505W			
A47	16-Jul-10	7:52:00	26.45	0.094	7.04	7.25	4.01	90.81	0.00	43.95758N	70.02509W			
A47	16-Jul-10	7:52:31	26.45	0.094	7.04	7.24	4.95	90.65	0.00	43.95758N	70.02509W			
A47	16-Jul-10	15:44:50	26.83	0.094	7.21	7.58	0.16	95.51	0.00	0.00000N	0.00000E	3.00		
A47	16-Jul-10	15:45:22	26.86	0.094	7.18	7.56	1.03	95.40	0.00	0.00000N	0.00000E			
A47	16-Jul-10	15:45:41	26.86	0.094	7.17	7.58	2.00	95.56	0.00	0.00000N	0.00000E			

Sample Point ID	Date	Time	Temp °C	Sp.Cond ms/cm	pH	oDO mg/L	Depth m	oDO %	Salinity PSS	Latitude	Longitude	Secchi D (m)	Vel. (fps)	Comment
A47	16-Jul-10	15:46:11	26.80	0.094	7.16	7.56	3.00	95.29	0.00	0.00000N	0.00000E			
A47	16-Jul-10	15:46:53	26.70	0.094	7.12	7.43	4.03	93.48	0.00	0.00000N	0.00000E			
A47B	7/13/2010	8:19:48	25.74	*****	****	7.32	mid	90.1	0.01	0.00000N	0.00000E			Manta II
A47B	7/13/2010	16:05:53	26.46	*****	****	7.68	mid	95.7	0.01	0.00000N	0.00000E			Manta II
A47B	7/15/2010	8:04:02	25.78	0.091	7.06	7.17	0.23	88.8	0	43.95543N	70.02407W			
A47B	7/15/2010	16:22:28	26.33	0.093	7.08	7.35	0.31	91.14	0	43.95540N	70.02409W			
A47B	7/16/2010	8:09:41	26.41	0.094	7.09	7.23	0.37	90.43	0	43.95540N	70.02408W			
A47B	7/16/2010	16:01:21	26.77	0.094	7.18	7.51	0.29	94.54	0	0.00000N	0.00000E			
A06	7/13/2010	8:56:50	25.21	*****	****	7.04	0.00	85.80	****	0.00000N	0.00000E			Manta II
A06	7/13/2010	8:57:11	25.20	*****	****	7.03	1.00	85.70	****	0.00000N	0.00000E			Manta II
A06	7/13/2010	8:57:49	25.18	*****	****	6.95	2.00	84.60	****	0.00000N	0.00000E			Manta II
A06	7/13/2010	8:58:28	25.19	*****	****	6.92	3.00	84.30	****	0.00000N	0.00000E			Manta II
A06	7/13/2010	16:39:08	26.31	*****	****	7.95	0.00	98.80	****	0.00000N	0.00000E	bottomed out	0.3	Manta II
A06	7/13/2010	16:40:28	26.32	*****	****	7.90	1.00	98.20	****	0.00000N	0.00000E			Manta II
A06	7/13/2010	16:41:02	26.32	*****	****	7.79	2.00	96.80	****	0.00000N	0.00000E			Manta II
A06	7/13/2010	16:41:42	26.31	*****	****	7.73	3.00	96.10	****	0.00000N	0.00000E			Manta II
A06	7/15/2010	7:05:36	25.71	0.091	7.07	6.86	0.19	84.88	0.00	43.91543N	69.97727W			
A06	7/15/2010	7:06:03	25.72	0.091	7.05	6.86	0.99	84.92	0.00	43.91545N	69.97727W			
A06	7/15/2010	7:06:34	25.72	0.091	7.03	6.86	2.00	84.91	0.00	43.91545N	69.97729W			
A06	7/15/2010	7:07:05	25.72	0.091	7.02	6.84	2.51	84.67	0.00	43.91543N	69.97726W			
A06	7/15/2010	15:08:29	27.13	0.093	7.22	8.04	0.34	101.13	0.00	0.00000N	0.00000E	bottomed out		
A06	7/15/2010	15:09:15	27.10	0.093	7.21	8.05	0.99	101.17	0.00	0.00000N	0.00000E			
A06	7/15/2010	15:09:54	27.10	0.093	7.21	8.02	2.00	100.75	0.00	0.00000N	0.00000E			
A06	7/15/2010	15:10:20	27.08	0.093	7.21	8.01	2.70	100.66	0.00	0.00000N	0.00000E			
A06	7/16/2010	7:12:50	25.89	0.095	7.04	6.83	0.30	84.65	0.00	43.91551N	69.97727W			
A06	7/16/2010	7:13:33	25.89	0.095	7.02	6.84	1.02	84.73	0.00	43.91550N	69.97724W			
A06	7/16/2010	7:14:02	25.89	0.095	7.02	6.83	1.98	84.67	0.00	43.91551N	69.97724W			
A06	7/16/2010	7:14:20	25.89	0.095	7.01	6.84	2.55	84.84	0.00	43.91551N	69.97725W			
A06	7/16/2010	15:09:37	26.45	0.094	7.22	7.66	0.25	95.96	0.00	43.91550N	69.97734W	bottomed out		
A06	7/16/2010	15:10:04	26.45	0.095	7.20	7.67	0.99	96.03	0.00	43.91551N	69.97732W			
A06	7/16/2010	15:10:36	26.44	0.095	7.19	7.67	1.99	96.03	0.00	43.91551N	69.97734W			
A06	7/16/2010	15:10:53	26.43	0.095	7.18	7.66	2.50	95.88	0.00	43.91553N	69.97735W			
A06B	7/13/2010	No Morning Sample												
A06B	7/13/2010	17:01:53	26.16	*****	****	7.73	****	95.80	0.01	0.00000N	0.00000E			Manta II Afternoon
A06B	7/15/2010	6:47:30	25.97	*****	****	6.79	****	84.30	0.05	N:4355.21	W:06957.97			Manta II ds dam
A06B	7/15/2010	14:50:57	26.99	*****	****	7.60	****	95.30	0.05	0.00000N	0.00000E			Manta II
A06B	7/16/2010	6:55:37	26.10	*****	****	6.80	****	84.60	0.05	0.00000N	0.00000E			Manta II
A06B	7/16/2010	14:50:35	26.49	*****	****	7.35	****	92.10	0.05	0.00000N	0.00000E			Manta II
A-09	7/13/2010	9:58:43	25.18	*****	****	7.30	0.00	88.90	0.01	0.00000N	0.00000E			Manta II
A-09	7/13/2010	9:59:12	25.18	*****	****	7.29	1.00	88.80	0.01	0.00000N	0.00000E			Manta II
A-09	7/13/2010	9:59:35	25.18	*****	****	7.22	2.00	87.90	0.01	0.00000N	0.00000E			Manta II
A-09	7/13/2010	17:17:32	26.07	*****	****	7.63	0.00	94.50	0.01	0.00000N	0.00000E	bottomed out	n/a	Manta II
A-09	7/13/2010	17:18:00	25.80	*****	****	7.56	1.00	93.10	0.01	0.00000N	0.00000E			Manta II
A-09	7/13/2010	17:18:40	25.78	*****	****	7.38	2.00	90.90	0.01	0.00000N	0.00000E			Manta II
A-09	7/15/2010	6:25:11	25.86	0.091	7.11	7.00	0.27	86.86	0.00	43.92318N	69.95469W			
A-09	7/15/2010	6:25:50	25.86	0.091	7.09	7.01	0.99	87.00	0.00	43.92319N	69.95466W			
A-09	7/15/2010	6:26:16	25.86	0.091	7.08	7.00	1.98	86.80	0.00	43.92321N	69.95460W			
A-09	7/15/2010	6:26:45	25.86	0.091	7.07	6.99	2.99	86.72	0.00	43.92318N	69.95469W			
A-09	7/15/2010	6:27:12	25.86	0.091	7.06	7.00	3.97	86.86	0.00	43.92316N	69.95466W			
A-09	7/15/2010	6:27:29	25.86	0.091	7.05	6.99	4.50	86.70	0.00	43.92314N	69.95467W			
A-09	7/15/2010	14:26:43	27.06	0.091	7.12	7.42	0.29	94.14	0.00	0.00000N	0.00000E	3.2		
A-09	7/15/2010	14:27:24	26.66	0.091	7.10	7.44	1.00	93.61	0.00	0.00000N	0.00000E			
A-09	7/15/2010	14:28:09	26.51	0.091	7.10	7.37	2.00	92.56	0.00	0.00000N	0.00000E			
A-09	7/15/2010	14:28:44	26.44	0.091	7.09	7.33	3.00	91.86	0.00	0.00000N	0.00000E			
A-09	7/15/2010	14:29:18	26.42	0.091	7.07	7.28	3.63	91.25	0.00	0.00000N	0.00000E			
A-09	7/16/2010	6:27:56	25.89	0.094	7.08	7.01	0.18	86.87	0.00	43.92308N	69.95497W			
A-09	7/16/2010	6:29:00	25.91	0.094	7.05	7.01	0.99	86.98	0.00	43.92306N	69.95494W			
A-09	7/16/2010	6:29:49	25.92	0.094	7.03	7.01	1.98	86.89	0.00	43.92308N	69.95492W			
A-09	7/16/2010	6:30:38	25.92	0.094	7.04	7.00	2.98	86.88	0.00	43.92306N	69.95492W			
A-09	7/16/2010	6:31:14	25.92	0.094	7.04	7.00	4.01	86.84	0.00	43.92306N	69.95494W			

Sample Point ID	Date	Time	Temp °C	Sp.Cond ms/cm	pH	oDO mg/L	Depth m	oDO %	Salinity PSS	Latitude	Longitude	Secchi D (m)	Vel. (fps)	Comment
A-09	7/16/2010	14:25:58	26.26	0.095	7.13	7.24	0.36	90.33	0.00	0.00000N	0.00000E	3		
A-09	7/16/2010	14:26:54	26.23	0.095	7.10	7.20	1.00	89.78	0.00	0.00000N	0.00000E			
A-09	7/16/2010	14:27:48	26.19	0.095	7.09	7.19	2.00	89.60	0.00	0.00000N	0.00000E			
A-09	7/16/2010	14:28:40	26.19	0.095	7.08	7.14	3.01	89.02	0.00	0.00000N	0.00000E			
A-09	7/16/2010	14:29:15	26.16	0.095	7.07	7.13	3.39	88.83	0.00	0.00000N	0.00000E			
A-49	7/13/2010	No Morning Data								0.00000N	0.00000E			
A-49	7/13/2010	17:48:17	26.40	*****	****	8.39	0.00	104.40	0.01	0.00000N	0.00000E	bottomed out	n/a	Manta II
A-49	7/13/2010	17:48:54	26.41	*****	****	8.32	1.00	103.70	0.01	0.00000N	0.00000E			Manta II
A-49	7/13/2010	17:49:25	26.41	*****	****	8.20	2.00	102.10	0.01	0.00000N	0.00000E			Manta II
A-49	7/13/2010	17:49:59	26.40	*****	****	8.11	3.00	100.90	0.01	0.00000N	0.00000E			Manta II
A-49	7/15/2010	5:39:50	25.02	0.135	7.06	6.97	0.27	85.18	0.00	43.93673N	69.89102W			
A-49	7/15/2010	5:41:34	25.01	0.142	7.04	6.98	1.08	85.33	0.00	43.93673N	69.89102W			
A-49	7/15/2010	5:42:23	25.00	0.147	7.04	7.00	2.04	85.46	0.00	43.93671N	69.89100W			
A-49	7/15/2010	5:43:15	25.00	0.151	7.03	6.99	2.70	85.33	0.00	43.93671N	69.89102W			
A-49	7/15/2010	13:48:10	27.41	0.094	7.09	7.65	0.33	97.56	0.00	0.00000N	0.00000E	2.7		
A-49	7/15/2010	13:48:39	27.41	0.094	7.09	7.65	0.97	97.64	0.00	0.00000N	0.00000E			
A-49	7/15/2010	13:49:04	27.37	0.094	7.09	7.65	1.98	97.48	0.00	0.00000N	0.00000E			
A-49	7/16/2010	5:48:41	26.30	0.184	7.13	7.30	0.21	91.25	0.00	43.93610N	69.89106W			
A-49	7/16/2010	5:49:23	26.34	0.184	7.12	7.29	0.97	91.11	0.00	43.93610N	69.89109W			
A-49	7/16/2010	5:49:53	26.32	0.187	7.11	7.27	1.95	90.80	0.00	43.93608N	69.89109W			
A-49	7/16/2010	5:50:23	26.24	0.186	7.07	7.16	3.05	89.28	0.00	43.93610N	69.89106W			
A-49	7/16/2010	13:45:01	26.24	0.094	7.09	7.33	0.26	91.42	0.00	0.00000N	0.00000E	bottomed out		
A-49	7/16/2010	13:45:33	26.24	0.094	7.09	7.31	1.02	91.21	0.00	0.00000N	0.00000E			
A-49	7/16/2010	13:45:56	26.24	0.094	7.09	7.31	1.98	91.24	0.00	0.00000N	0.00000E			
LIAR	7/13/2010	8:23:39	25.37	0.092	7.96	7.07	0.74	97.30	0.00	44.01195N	70.08677W			
LIAR	7/13/2010	15:40:25	26.85	0.091	8.15	7.33	0.37	102.29	0.00	43.99261N	70.05104W			
LIAR	7/15/2010	7:33:03	25.05	0.093	8.15	7.03	0.35	99.51	0.00	44.08811N	70.22517W			
LIAR	7/15/2010	7:34:30	25.05	0.093	8.10	7.09	0.93	98.89	0.00	44.08813N	70.22514W			
LIAR	7/15/2010	15:00:06	26.72	0.095	8.60	7.19	0.35	108.19	0.00	0.00000N	0.00000E			
LIAR	7/15/2010	15:00:55	26.68	0.095	8.57	7.35	1.23	107.77	0.00	0.00000N	0.00000E			
LIAR	7/16/2010	8:18:52	25.07	0.096	7.96	7.12	0.32	97.22	0.00	0.00000N	0.00000E			
LIAR	7/16/2010	8:19:32	25.07	0.096	7.97	7.13	1.06	97.33	0.00	0.00000N	0.00000E			
LIAR	7/16/2010	14:16:42	26.73	0.095	8.58	7.44	0.22	107.96	0.00	0.00000N	0.00000E			
LIAR	7/16/2010	14:18:02	26.70	0.095	8.52	7.47	1.01	107.16	0.00	0.00000N	0.00000E			
SAR	7/13/2010	5:49:46	24.90	0.146	7.25	7.29	0.35	87.91	0.00	44.01453N	70.08606W			
SAR	7/13/2010	14:09:00	26.44	0.148	8.64	7.82	0.25	107.79	0.00	44.01425N	70.08621W			
SAR	7/15/2010	9:57:23	25.30	0.143	8.51	7.57	0.32	104.33		44.01448N	70.08619W			
SAR	7/15/2010	NO SONDE DATA FOR PM EQUIPMENT FAILURE												
SAR	7/16/2010	5:48:21	24.36	0.159	7.45	7.28	0.61	89.82	0.00	0.00000N	0.00000E			
SAR	7/16/2010	16:13:54	25.53	0.162	8.33	7.70	0.17	102.64	0.00	44.01428N	70.08626W			
LITR	7/13/2010	6:23:09	22.44	0.088	8.57	7.11	0.19	99.14	0.00	44.01195N	70.08677W			
LITR	7/13/2010	14:25:15	24.50	0.088	8.66	7.34	0.26	104.17	0.00	43.99263N	70.05105W			
LITR	7/15/2010	9:49:46	22.48	0.082	7.42	8.67	0.39	100.96	0.00	43.99263N	70.05094W			
LITR	7/15/2010	NO SONDE DATA FOR PM EQUIPMENT FAILURE												
LITR	7/16/2010	6:16:25	22.29	0.087	8.65	7.21	0.24	100.23	0.00	0.00000N	0.00000E			
LITR	7/16/2010	15:50:15	24.18	0.083	8.61	7.32	0.18	103.45	0.00	43.99258N	70.05092W			